**ACADEMIC YEAR 2008 – 2009**

The calendar includes one fall break day/hurricane make-up day (October 9th), one University day (November 21), two reading days/hurricane make-up days before final exams (December 4th and 5th), and Commencement on December 15th. See the dates in bold below. The calendar was approved by the Faculty Senate 11/3/06.

<table>
<thead>
<tr>
<th>Event</th>
<th>Fall 2008</th>
<th>Spring 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Registration begins for Degree Students: Graduate, Post-Baccalaureate, Teacher Certification, UG Seniors, Student Athletes, &amp; Honors Program</td>
<td>Monday, March 24, 2008</td>
<td>Monday, October 20, 2008</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Juniors</td>
<td>Thursday, March 27</td>
<td>Thursday, October 23</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Sophomores</td>
<td>Monday, March 31</td>
<td>Monday, October 27</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Freshmen, High School Dual Enrolled</td>
<td>Monday, April 7</td>
<td>Monday, November 10</td>
</tr>
<tr>
<td>In-Person Registration for Degree Students Begins1</td>
<td>Monday, April 7</td>
<td>Monday, November 10</td>
</tr>
<tr>
<td>Last Day to Request Readmission After Indefinite Suspension</td>
<td>Monday, June 23</td>
<td>Monday, November 10</td>
</tr>
<tr>
<td>Non-Degree Registration Begins1</td>
<td>Monday, July 21</td>
<td>Monday, December 8</td>
</tr>
<tr>
<td>Last Day to Mail Payment</td>
<td>Friday, August 15</td>
<td>Friday, January 2</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Monday, August 25</td>
<td>Monday, January 5</td>
</tr>
<tr>
<td>State Employee Registration Begins</td>
<td>Monday, August 25</td>
<td>Monday, January 5</td>
</tr>
<tr>
<td>Late Registration Begins (late fee assessment begins)</td>
<td>Monday, August 25</td>
<td>Monday, January 5</td>
</tr>
<tr>
<td>Registration for Senior Citizens (no late fee)</td>
<td>Friday, August 29</td>
<td>Friday, January 9</td>
</tr>
<tr>
<td>Late Registration, Drop/Add and Change to Audit Ends</td>
<td>Friday, August 29</td>
<td>Friday, January 9</td>
</tr>
<tr>
<td>Payment Deadline (late fee assessed after this date)</td>
<td>Friday, August 29</td>
<td>Friday, January 9</td>
</tr>
<tr>
<td>Last Day to Drop/Withdraw via Gulfline (100% Refund)</td>
<td>Friday, August 29</td>
<td>Friday, January 9</td>
</tr>
<tr>
<td>Residency Reclassification for Tuition Deadline 5:00 pm</td>
<td>Friday, August 29</td>
<td>Friday, January 9</td>
</tr>
<tr>
<td>Saturday Classes Begin</td>
<td>Saturday, August 30</td>
<td>Saturday, January 10</td>
</tr>
<tr>
<td>Labor Day Observed (no classes)</td>
<td>Monday, September 1</td>
<td>Monday, January 12</td>
</tr>
<tr>
<td>Cancellation for Non-Payment Begins</td>
<td>Tuesday, September 2</td>
<td>Monday, January 19</td>
</tr>
<tr>
<td>MLK Holiday Observed (no classes)</td>
<td>Friday, January 20</td>
<td>Monday, January 26</td>
</tr>
<tr>
<td>Last Day to Withdraw from All Classes for 25% Refund</td>
<td>Friday, September 19</td>
<td>Friday, January 23</td>
</tr>
<tr>
<td>Last Day to Apply for Graduation</td>
<td>Friday, September 19</td>
<td>Friday, February 6</td>
</tr>
<tr>
<td>Reinstatement with Full Payment Deadline 5:00 pm</td>
<td>Friday, September 19</td>
<td>Friday, February 13</td>
</tr>
<tr>
<td>Fall Break (no classes) or Hurricane Make-up Days</td>
<td>Monday, October 13 –</td>
<td>Tuesday, October 14</td>
</tr>
<tr>
<td>Spring Break (no classes)</td>
<td>Tuesday, March 2 –</td>
<td>Saturday, March 7</td>
</tr>
<tr>
<td>Veteran’s Day Observed (no classes)</td>
<td>Friday, November 7</td>
<td>Friday, March 27</td>
</tr>
<tr>
<td>Last Day to Submit Service Learning Hours</td>
<td>Tuesday, November 11</td>
<td>Friday, April 3</td>
</tr>
<tr>
<td>University Days (no classes)</td>
<td>Friday, November 14</td>
<td>Friday, April 3</td>
</tr>
<tr>
<td>Thanksgiving Observed (no classes)</td>
<td>Wednesday, November 26</td>
<td>Monday, December 1</td>
</tr>
<tr>
<td>Last Day of Classes</td>
<td>Saturday, November 29</td>
<td>Monday, December 1</td>
</tr>
<tr>
<td>Reading Days/Hurricane Make-Up Days (Fall Only)</td>
<td>Monday, December 10</td>
<td>Monday, December 10</td>
</tr>
<tr>
<td>Finals Begin (Sat exams for Sat classes only)</td>
<td>Thursday, December 11</td>
<td>Monday, December 11</td>
</tr>
<tr>
<td>Finals End/ Last Day of Semester</td>
<td>Wednesday, December 17</td>
<td>Tuesday, December 17</td>
</tr>
<tr>
<td>Last Day to Apply for Grade Forgiveness</td>
<td>Wednesday, December 17</td>
<td>Tuesday, December 24</td>
</tr>
<tr>
<td>Grades Due from Faculty by Noon</td>
<td>Sunday, December 21</td>
<td>Monday, May 4</td>
</tr>
<tr>
<td>Commencement</td>
<td>Sunday, December 21</td>
<td>Sunday, May 3</td>
</tr>
</tbody>
</table>

**Summer 2009**

<table>
<thead>
<tr>
<th>Session</th>
<th>May 11 – June 19</th>
<th>June 22 – July 31</th>
<th>May 11 – July 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Request Readmission After Indefinite Suspension Deadline</td>
<td>Monday, March 16</td>
<td>Monday, March 16</td>
<td>Monday, March 16</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Graduate, Post-Baccalaureate, Teacher Certification, UG Seniors, Student Athletes, &amp; Honors Program</td>
<td>Monday, March 23</td>
<td>Monday, March 23</td>
<td>Monday, March 23</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Juniors</td>
<td>Thursday, March 26</td>
<td>Thursday, March 26</td>
<td>Thursday, March 26</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Sophomores</td>
<td>Monday, March 3</td>
<td>Monday, March 30</td>
<td>Monday, March 30</td>
</tr>
<tr>
<td>Web Registration begins for Degree Students: Freshmen, High School Dual Enrolled</td>
<td>Thursday, April 2</td>
<td>Thursday, April 2</td>
<td>Thursday, April 2</td>
</tr>
<tr>
<td>In-Person Registration for Degree Students Begins1</td>
<td>Monday, April 6</td>
<td>Monday, April 6</td>
<td>Monday, April 6</td>
</tr>
<tr>
<td>Non-Degree Registration Begins1</td>
<td>Monday, April 20</td>
<td>Monday, April 20</td>
<td>Monday, April 20</td>
</tr>
<tr>
<td>Last Day to Mail Payments</td>
<td>Friday, May 1</td>
<td>Friday, June 12</td>
<td>Friday, May 1</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Monday, May 11</td>
<td>Monday, June 22</td>
<td>Monday, May 11</td>
</tr>
<tr>
<td>Late Registration Begins (late fee assessment begins)</td>
<td>Monday, May 11</td>
<td>Monday, June 22</td>
<td>Monday, May 11</td>
</tr>
<tr>
<td>State Employee Registration Begins2</td>
<td>Monday, May 11</td>
<td>Monday, June 22</td>
<td>Monday, May 11</td>
</tr>
<tr>
<td>Registration for Senior Citizens (no late fee)</td>
<td>Friday, May 15</td>
<td>Friday, June 26</td>
<td>Friday, May 15</td>
</tr>
<tr>
<td>Late Registration, Drop/Add and Change to Audit Ends</td>
<td>Friday, May 15</td>
<td>Friday, June 26</td>
<td>Friday, May 15</td>
</tr>
<tr>
<td>Payment Deadline (late fee assessed after this date)</td>
<td>Friday, May 15</td>
<td>Friday, June 26</td>
<td>Friday, May 15</td>
</tr>
<tr>
<td>Last Day to Drop/Withdraw via Gulfline (100% Refund)</td>
<td>Friday, May 15</td>
<td>Friday, June 26</td>
<td>Friday, May 15</td>
</tr>
<tr>
<td>Residency Reclassification for Tuition Deadline 5:00 pm</td>
<td>Friday, May 15</td>
<td>Friday, June 26</td>
<td>Friday, May 15</td>
</tr>
<tr>
<td>Cancellation for Non-Payment Begins</td>
<td>Friday, May 15</td>
<td>Friday, June 26</td>
<td>Friday, May 15</td>
</tr>
<tr>
<td>Last Day to Apply for Summer Graduation3</td>
<td>Monday, May 18</td>
<td>Monday, June 29</td>
<td>Monday, May 28</td>
</tr>
<tr>
<td>Memorial Day Observed (no classes)</td>
<td>Saturday, May 23 –</td>
<td>Saturday, May 23 –</td>
<td>Saturday, May 23 –</td>
</tr>
<tr>
<td>Last Day to Withdraw from All Classes for 25% Refund</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Friday, May 25</td>
</tr>
<tr>
<td>Last Day to Drop/Withdraw without Academic Penalty</td>
<td>Friday, June 5</td>
<td>Friday, July 10</td>
<td>Friday, June 5</td>
</tr>
<tr>
<td>Independence Day Observed (no classes)</td>
<td>Friday, June 5</td>
<td>Friday, July 10</td>
<td>Friday, June 5</td>
</tr>
<tr>
<td>Last Day to Submit Service Learning Hours</td>
<td>Friday, June 5</td>
<td>Friday, July 10</td>
<td>Friday, June 5</td>
</tr>
<tr>
<td>Last Day of Classes/Finals</td>
<td>Friday, June 5</td>
<td>Friday, July 10</td>
<td>Friday, June 5</td>
</tr>
<tr>
<td>Last Day to Apply for Grade Forgiveness4</td>
<td>Friday, July 31</td>
<td>Friday, July 31</td>
<td>Friday, July 31</td>
</tr>
<tr>
<td>Graduation/Degree Date</td>
<td>Friday, July 31</td>
<td>Friday, July 31</td>
<td>Friday, July 31</td>
</tr>
<tr>
<td>Grades Due from Faculty by Noon</td>
<td>Wednesday, August 5</td>
<td>Wednesday, August 5</td>
<td>Wednesday, August 5</td>
</tr>
</tbody>
</table>

1. For priority group registration information, go to Eagle Registration: [http://enrollment.fgcu.edu/Registration/ERegistration.html](http://enrollment.fgcu.edu/Registration/ERegistration.html)
2. FGCU Employees using Tuition Vouchers can use Eagle Registration according to their priority group.
3. State Employee Registrations may be submitted to the Office of the Registrar during this period without late registration fees.
4. For priority group registration information, go to Eagle Registration: [http://enrollment.fgcu.edu/Registration/ERegistration.html](http://enrollment.fgcu.edu/Registration/ERegistration.html)
5. Last day for seniors to apply for Graduation - see academic advisor for details.
6. Not applicable for Seniors who have applied for graduation. See footnote 3.

FGCU reserves the right to change, modify any calendar information at anytime with appropriate notices to students, faculty, and staff.
Dear Students:

Welcome to the pages of the catalog for Florida Gulf Coast University, an institution defined by academic quality, student centeredness, outstanding teaching, and a beautiful campus environment.

Florida Gulf Coast University (FGCU) is a public, comprehensive university offering a wide range of undergraduate and graduate degree programs. Opened in the fall of 1997, FGCU is in the enviable position of having all new facilities that were especially designed and built for a campus of the 21st century. Technology and distance learning complement the traditional campus setting, giving students a variety of delivery mode options. Our students range from the traditional student who has just graduated from high school – to the older, employed individual seeking a degree or advanced training – to the retiree seeking to expand knowledge through a life-long commitment to learning. Florida Gulf Coast University offers something for everyone!

We are a dynamic university on the move as we enter our second decade of service, with student enrollment increasing from 2,700 students when we opened in 1997 to more than 9,300 current students. Our campus features 60 buildings, and there are many new academic and support facilities in the planning and construction phases. In addition to outstanding facilities and academic programs, FGCU’s research initiatives offer significant benefit to citizens of our region and state, and will be a cornerstone of new high-technology research parks planned near the campus.

We have embraced the technology that makes Internet access so popular today, and offer a comprehensive Web site at www.fgcu.edu for you to learn more about our academic degree programs, student organizations and services, faculty and staff, campus facilities, NCAA Division I athletics, research, and continual learning opportunities. I hope you’ll take the time to read more about FGCU, and even more importantly, visit our beautiful campus to see the many opportunities here for you!

Sincerely,

Wilson G. Bradshaw, Ph.D.
President
Florida Gulf Coast University
TABLE OF CONTENTS

ACADEMIC CALENDAR: 2008-2009..............................................2

INTRODUCTION TO THE UNIVERSITY .....................................7
  Accreditation ........................................................................7
  Historical Perspective ..........................................................7
  Vision Statement ....................................................................8
  Mission Statement ..................................................................8
  Guiding Principles ..................................................................8
  Undergraduate Student Learning Outcomes ..........................8
  Graduate Student Learning Outcomes ....................................9
  Ombudsman ...........................................................................9
  Diversity Statement ..............................................................9
  Athletics ................................................................................9
  Alico Arena ......................................................................... 9
  Aquatics Center .................................................................10
  International Study and Education ........................................10
  International Services ........................................................11
  Research and Sponsored Programs .......................................11
  Teacher Preparation Programs .............................................11
  WGCU-TV and WGCU-FM ...................................................12
  Bookstore ...........................................................................12
  Dining Services .....................................................................12
  Eagle I.D. Office ...................................................................12
  University Police and Safety .................................................12

CENTERS AND INSTITUTES ..................................................13
  Center for Leadership and Innovation ....................................13
  John Scott Dailey Florida Institute of Government ................13
  Small Business Development Center ....................................13
  Institute for Youth and Justice Studies ..................................13
  Center for Environmental and Sustainability Education ..........13
  Coastal Watershed Institute ................................................14
  Whitaker Center for Science, Mathematics, and Technology Education ..................................................14

UNIVERSITY NOTICES ..........................................................15
  Americans with Disabilities Act .............................................15
  Anti-Drug Abuse Act ...........................................................15
  Campus Environment ..........................................................15
  Drug-Free Campus Policy ....................................................15
  Non-Discrimination .............................................................15
  Sexual Harassment Policy ....................................................15
  Student Right to Know/Campus Security ..............................15

E-LEARNING AND TECHNOLOGY SUPPORT .........................17
  E-Learning ...........................................................................17
  Electronic Access from Home ..............................................17
  Southern Regional Electronic Campus ..................................17
  Accessing Angel .................................................................17
  Technology Support and Help Desk .......................................17
  Student Computer Labs ......................................................17
  Student E-Mail/Network Accounts .......................................17
  Minimum System Requirement ............................................18
  User Skills and Support ......................................................18
  Definitions .........................................................................18

LIBRARY SERVICES ..............................................................19
  General Information ...........................................................19
  Library Collections ............................................................19
  Circulation and Course Reserve ................................---------19
  Interlibrary Loan ..................................................................19
  Reference and Research Assistance .....................................19
  Support for Distance Learners ..............................................19

STUDENT AFFAIRS .............................................................20
  Adaptive Services ..............................................................20
  Campus Recreation .............................................................20
  Career Development Services .............................................20
  College Reach Out Program ...............................................20

  Counseling and Psychological Services ................................20
  Dean of Students Office .....................................................20
  Eagle View Orientation .....................................................21
  First Year Advising ............................................................21
  Greek Life ............................................................................21
  Judicial Affairs ....................................................................21
  Multicultural Student Development Office .........................21
  Office of Campus Involvement ............................................22
  Office of Housing and Residence Life ..................................22
  Prevention and Wellness Services .......................................22
  Public Schools Enrichment Partnership ................................22
  Student Government ..........................................................23
  Student Health Services .....................................................23
  Student Judicial Affairs ......................................................23
  Student Support Services and Outreach ...............................23
  Testing and Assessment ......................................................23

UNDERGRADUATE ADMISSION ............................................24
  Applying for Admission .....................................................24
  Application Deadlines for U.S. Residence ............................24
  Early Admission and Dual Enrollment ................................24
  FGCU Collegiate High School .............................................25
  First-Time-in-College ........................................................25
  Lower Division Transfer .....................................................26
  Upper Division Transfer .....................................................26
  Transfer with Florida AA Degree .........................................26
  Student Tuition Waivers ....................................................26
  Former Student Returning ..................................................26
  International Student Admission .........................................27
  Academic Amnesty ............................................................27
  Students with Disabilities ...................................................27
  Appealing Admission Decisions .........................................27
  Deferring Admission ........................................................28
  Transfer of Coursework .....................................................28
  Second Baccalaureate Degree .............................................28
  Foreign Language Admission Requirement ........................28
  Degree Acceleration Programs ..........................................29
  Immunization Requirement .................................................29
  Non Degree-Seeking Enrollment .........................................29
  Advanced Placement Examination .....................................31
  CLEP Subject Examination ...............................................33

GRADUATE ADMISSION .......................................................35
  Graduate Admission Requirements .....................................35
  Graduate Application Procedures .......................................35
  International Student Admission .........................................35
  Appeal for Reconsideration ...............................................36
  Deferring Graduate Application .........................................36
  Former Student Returning ..................................................36
  Transfer Credit ....................................................................36
  Students with Disabilities ...................................................36
  Graduate Change of College ..............................................36
  Graduate Change of Major ..................................................36
  Second Master’s Degree .....................................................37
  Non Degree-Seeking Enrollment-Graduate ..........................37
  Immunization Requirement .................................................37
  Post Admission Information .................................................37

REGISTRATION AND RECORDS ............................................38
  Registration .......................................................................38
  Adding or Dropping a Course ..............................................38
  Address Change .................................................................38
  Application to Graduate ....................................................38
  Auditing a Course ..............................................................38
  Change of Major (Undergraduate) .......................................38
  Choice of Catalog ...............................................................38
  Class Attendance ...............................................................39
  Commencement ....................................................................39
  Course Load .........................................................................39
  Directory Information ........................................................39
  Enrollment Certification .....................................................40
  Family Education Rights and Privacy Act ............................40
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Forgiveness</td>
<td>40</td>
</tr>
<tr>
<td>Grade Point Average Calculation</td>
<td>41</td>
</tr>
<tr>
<td>Honors Recognition for GPA</td>
<td>42</td>
</tr>
<tr>
<td>Name Change</td>
<td>42</td>
</tr>
<tr>
<td>Reclassification of Residency for Tuition Purposes</td>
<td>42</td>
</tr>
<tr>
<td>Repeat Course Surcharge</td>
<td>42</td>
</tr>
<tr>
<td>Residency Requirement for Graduation</td>
<td>42</td>
</tr>
<tr>
<td>Semester System</td>
<td>42</td>
</tr>
<tr>
<td>Senior Citizen Tuition Waivers</td>
<td>43</td>
</tr>
<tr>
<td>Student Classifications</td>
<td>43</td>
</tr>
<tr>
<td>Student Holds</td>
<td>43</td>
</tr>
<tr>
<td>Student Records</td>
<td>43</td>
</tr>
<tr>
<td>Summer Enrollment Requirement</td>
<td>43</td>
</tr>
<tr>
<td>Transcripts</td>
<td>43</td>
</tr>
<tr>
<td>Transient Student</td>
<td>43</td>
</tr>
<tr>
<td>Veterans Educational Benefits</td>
<td>43</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>44</td>
</tr>
<tr>
<td>Military Call to Active Duty Policy</td>
<td>44</td>
</tr>
<tr>
<td>FINANCIAL AID AND SCHOLARSHIPS</td>
<td>45</td>
</tr>
<tr>
<td>Confidentiality of Student Information</td>
<td>45</td>
</tr>
<tr>
<td>Applying for Financial Aid</td>
<td>45</td>
</tr>
<tr>
<td>Estimated Cost of Attendance</td>
<td>45</td>
</tr>
<tr>
<td>Need-Based Financial Aid</td>
<td>45</td>
</tr>
<tr>
<td>Non Need-Based Financial Aid</td>
<td>46</td>
</tr>
<tr>
<td>Federal Stafford Loan Information</td>
<td>46</td>
</tr>
<tr>
<td>Refund and Repayment Policies</td>
<td>47</td>
</tr>
<tr>
<td>Satisfactory Academic Progress</td>
<td>47</td>
</tr>
<tr>
<td>Taxable Financial Aid</td>
<td>47</td>
</tr>
<tr>
<td>Graduate Assistantships</td>
<td>47</td>
</tr>
<tr>
<td>Undergraduate Admissions Scholarships</td>
<td>47</td>
</tr>
<tr>
<td>Foundation Endowed Scholarships</td>
<td>48</td>
</tr>
<tr>
<td>TUITION, FEES, AND REFUNDS</td>
<td>50</td>
</tr>
<tr>
<td>Tuition and Fee Schedule</td>
<td>50</td>
</tr>
<tr>
<td>Account and Fee Payment</td>
<td>50</td>
</tr>
<tr>
<td>Cancellation for Non-Payment</td>
<td>51</td>
</tr>
<tr>
<td>Residency for Tuition Purposes</td>
<td>51</td>
</tr>
<tr>
<td>Florida Prepaid College Plan</td>
<td>52</td>
</tr>
<tr>
<td>Refunds</td>
<td>52</td>
</tr>
<tr>
<td>Return of Title IV Funds</td>
<td>52</td>
</tr>
<tr>
<td>Tuition Fee Appeals</td>
<td>52</td>
</tr>
<tr>
<td>Reinstatement of Classes</td>
<td>52</td>
</tr>
<tr>
<td>Tuition Waivers</td>
<td>52</td>
</tr>
<tr>
<td>Veterans and Third Party Deferments</td>
<td>52</td>
</tr>
<tr>
<td>UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES</td>
<td>53</td>
</tr>
<tr>
<td>Academic Grievance Policy</td>
<td>53</td>
</tr>
<tr>
<td>Academic Learning Compacts</td>
<td>53</td>
</tr>
<tr>
<td>Academic Standards of Behavior</td>
<td>53</td>
</tr>
<tr>
<td>Academic Standing</td>
<td>53</td>
</tr>
<tr>
<td>Assessment at FGCU</td>
<td>54</td>
</tr>
<tr>
<td>Center for Academic Achievement</td>
<td>54</td>
</tr>
<tr>
<td>College Advising</td>
<td>54</td>
</tr>
<tr>
<td>College-Level Academic Skills Test (CLAST)</td>
<td>54</td>
</tr>
<tr>
<td>Common Prerequisites</td>
<td>55</td>
</tr>
<tr>
<td>Curriculum, Advising, and Program Planning</td>
<td>56</td>
</tr>
<tr>
<td>Dual Majors</td>
<td>56</td>
</tr>
<tr>
<td>Earning Two Baccalaureate Degrees</td>
<td>56</td>
</tr>
<tr>
<td>First Year Reading Project</td>
<td>56</td>
</tr>
<tr>
<td>General Education</td>
<td>56</td>
</tr>
<tr>
<td>Gordon Rule</td>
<td>58</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>58</td>
</tr>
<tr>
<td>Minors</td>
<td>59</td>
</tr>
<tr>
<td>Honors Program</td>
<td>59</td>
</tr>
<tr>
<td>Quality Enhancement Plan (QEP)</td>
<td>59</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>59</td>
</tr>
<tr>
<td>Service-Learning EaglesConnect</td>
<td>59</td>
</tr>
<tr>
<td>University Colloquium</td>
<td>60</td>
</tr>
<tr>
<td>Writing Center</td>
<td>60</td>
</tr>
<tr>
<td>GRADUATE ACADEMIC POLICIES</td>
<td>61</td>
</tr>
<tr>
<td>Academic Advising</td>
<td>61</td>
</tr>
<tr>
<td>Academic Grievance Policy</td>
<td>61</td>
</tr>
<tr>
<td>Academic Standards of Behavior</td>
<td>61</td>
</tr>
<tr>
<td>Academic Standing/Academic Progress</td>
<td>61</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>61</td>
</tr>
<tr>
<td>Thesis Preparation Guidelines</td>
<td>61</td>
</tr>
<tr>
<td>Application to Graduate</td>
<td>61</td>
</tr>
<tr>
<td>Commencement</td>
<td>61</td>
</tr>
<tr>
<td>Office of Graduate Studies</td>
<td>61</td>
</tr>
<tr>
<td>COLLEGE OF ARTS AND SCIENCES</td>
<td>62</td>
</tr>
<tr>
<td>LUTGERT COLLEGE OF BUSINESS</td>
<td>67</td>
</tr>
<tr>
<td>U.A. WHITAKER SCHOOL OF ENGINEERING</td>
<td>71</td>
</tr>
<tr>
<td>COLLEGE OF EDUCATION</td>
<td>73</td>
</tr>
<tr>
<td>COLLEGE OF HEALTH PROFESSIONS</td>
<td>77</td>
</tr>
<tr>
<td>COLLEGE OF PROFESSIONAL STUDIES</td>
<td>82</td>
</tr>
<tr>
<td>FGCU UNDERGRADUATE MAJORS AND DEGREE PROGRAMS 2008-2009</td>
<td>85</td>
</tr>
<tr>
<td>Accounting (B.S.)</td>
<td>86</td>
</tr>
<tr>
<td>Anthropology (B.A.)</td>
<td>86</td>
</tr>
<tr>
<td>Art (B.A.)</td>
<td>87</td>
</tr>
<tr>
<td>Athletic Training (B.S.)</td>
<td>88</td>
</tr>
<tr>
<td>Bioengineering (B.S.)</td>
<td>89</td>
</tr>
<tr>
<td>Biology (B.A.)</td>
<td>90</td>
</tr>
<tr>
<td>Biology (B.S.)</td>
<td>91</td>
</tr>
<tr>
<td>Biology-Accelerated (B.S.)</td>
<td>92</td>
</tr>
<tr>
<td>Biotechnology (B.S.)</td>
<td>93</td>
</tr>
<tr>
<td>Chemistry (B.A.)</td>
<td>94</td>
</tr>
<tr>
<td>Civil Engineering (B.S.C.E.)</td>
<td>95</td>
</tr>
<tr>
<td>Clinical Laboratory Science (B.S.)</td>
<td>96</td>
</tr>
<tr>
<td>Communication (B.A.)</td>
<td>97</td>
</tr>
<tr>
<td>Community Health (B.S.)</td>
<td>98</td>
</tr>
<tr>
<td>Computer Information Systems (B.S.)</td>
<td>99</td>
</tr>
<tr>
<td>Computer Science (B.S.)</td>
<td>100</td>
</tr>
<tr>
<td>Software Engineering Concentration</td>
<td>100</td>
</tr>
<tr>
<td>Criminal Forensic Studies (B.S.)</td>
<td>101</td>
</tr>
<tr>
<td>Criminal Justice (B.S.)</td>
<td>101</td>
</tr>
<tr>
<td>Early Childhood Education (B.A.)</td>
<td>102</td>
</tr>
<tr>
<td>Elementary Education (B.A.)</td>
<td>103</td>
</tr>
<tr>
<td>English (B.A.)</td>
<td>104</td>
</tr>
<tr>
<td>Environmental Engineering (B.S.Env.E.)</td>
<td>105</td>
</tr>
<tr>
<td>Environmental Studies (B.A.)</td>
<td>106</td>
</tr>
<tr>
<td>Finance (B.S.)</td>
<td>107</td>
</tr>
<tr>
<td>Health Science (B.S.)</td>
<td>107</td>
</tr>
<tr>
<td>Health Science Concentration</td>
<td>108</td>
</tr>
<tr>
<td>Health Services Administration Concentration</td>
<td>108</td>
</tr>
<tr>
<td>History (B.A.)</td>
<td>109</td>
</tr>
<tr>
<td>Human Performance (B.S.)</td>
<td>110</td>
</tr>
<tr>
<td>Legal Studies (B.S.)</td>
<td>111</td>
</tr>
<tr>
<td>Long Term Care Administration (B.S.)</td>
<td>111</td>
</tr>
<tr>
<td>Management (B.S.)</td>
<td>112</td>
</tr>
<tr>
<td>Entrepreneurship Concentration</td>
<td>112</td>
</tr>
<tr>
<td>Human Resource Management Concentration</td>
<td>112</td>
</tr>
<tr>
<td>Sports Management Concentration</td>
<td>113</td>
</tr>
<tr>
<td>Marine Science (B.A.)</td>
<td>113</td>
</tr>
<tr>
<td>Marketing (B.S.)</td>
<td>114</td>
</tr>
<tr>
<td>Mathematics (B.A.)</td>
<td>115</td>
</tr>
<tr>
<td>Mathematics (B.S.)</td>
<td>115</td>
</tr>
<tr>
<td>Music Education (B.A.)</td>
<td>116</td>
</tr>
<tr>
<td>Music-Performance (B.A.)</td>
<td>117</td>
</tr>
<tr>
<td>Music-Piano Pedagogy (B.A.)</td>
<td>118</td>
</tr>
<tr>
<td>Nursing (B.S.N.)</td>
<td>119</td>
</tr>
<tr>
<td>Philosophy (B.A.)</td>
<td>120</td>
</tr>
<tr>
<td>Political Science (B.A.)</td>
<td>121</td>
</tr>
<tr>
<td>Professional Golf Managementet (B.S.)</td>
<td>123</td>
</tr>
<tr>
<td>Major/Concentration</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Curriculum &amp; Instruction-Education Technology (M.A. or M.Ed.)</td>
<td>147</td>
</tr>
<tr>
<td>Curriculum &amp; Instruction-English Education (M.Ed.)</td>
<td>147</td>
</tr>
<tr>
<td>Education (Ed.S.)</td>
<td>148</td>
</tr>
<tr>
<td>Curriculum &amp; Instruction Concentration</td>
<td>148</td>
</tr>
<tr>
<td>Educational Leadership Concentration</td>
<td>148</td>
</tr>
<tr>
<td>Educational Leadership (M.A.)</td>
<td>149</td>
</tr>
<tr>
<td>Educational Leadership (M.Ed.)</td>
<td>150</td>
</tr>
<tr>
<td>Elementary Education (M.Ed.)</td>
<td>150</td>
</tr>
<tr>
<td>English (M.A.)</td>
<td>151</td>
</tr>
<tr>
<td>Environmental Science (M.S.)</td>
<td>152</td>
</tr>
<tr>
<td>Health Science (M.S.)</td>
<td>152</td>
</tr>
<tr>
<td>Health Professions Education Concentration</td>
<td>153</td>
</tr>
<tr>
<td>Health Services Administration Concentration</td>
<td>153</td>
</tr>
<tr>
<td>History (M.A.)</td>
<td>153</td>
</tr>
<tr>
<td>Nurse Anesthesia (M.S.N.)</td>
<td>154</td>
</tr>
<tr>
<td>Nursing (M.S.N.)</td>
<td>155</td>
</tr>
<tr>
<td>Clinical Nurse Leader Concentration</td>
<td>155</td>
</tr>
<tr>
<td>Nurse Educator Concentration</td>
<td>155</td>
</tr>
<tr>
<td>Occupational Therapy (M.S.)</td>
<td>156</td>
</tr>
<tr>
<td>Physical Therapy (D.P.T.)</td>
<td>157</td>
</tr>
<tr>
<td>Primary Health Care Nurse Practitioner (M.S.N.)</td>
<td>158</td>
</tr>
<tr>
<td>Family Nurse Practitioner Concentration</td>
<td>158</td>
</tr>
<tr>
<td>Adult Nurse Practitioner Concentration</td>
<td>158</td>
</tr>
<tr>
<td>Public Administration (M.P.A.)</td>
<td>159</td>
</tr>
<tr>
<td>General Public Administration Concentration</td>
<td>159</td>
</tr>
<tr>
<td>Management Concentration</td>
<td>159</td>
</tr>
<tr>
<td>Environmental Policy Concentration</td>
<td>159</td>
</tr>
<tr>
<td>Reading (M.Ed.)</td>
<td>159</td>
</tr>
<tr>
<td>Social Work (M.S.W.)</td>
<td>160</td>
</tr>
<tr>
<td>Special Education (M.Ed.)</td>
<td>161</td>
</tr>
</tbody>
</table>

**FGCU CERTIFICATES PROGRAMS 2008-2009**

- Clinical Laboratory Technology                                                   | 162  |
- Compliance Specialist                                                             | 162  |
- Early Childhood Special Education                                                | 162  |
- Elementary Education                                                              | 163  |
- Health Services Administration                                                    | 163  |
- Primary Health Care Nurse Practitioner                                            | 163  |
- Secondary Education                                                               | 164  |
- Special Education                                                                | 164  |

**COMMON COURSE NUMBERING**

**COU RSE DESCRIPTIONS**

**ADMINISTRATIVE LEADERSHIP**

**FGCU FOUNDATION**

**FACULTY**

**INDEX**

**CAMPUS MAP**
INTRODUCTION TO THE UNIVERSITY

Florida Gulf Coast University (FGCU) awards the following degrees:

- A.A. Associate of Arts
- B.A. Bachelor of Arts
- B.S. Bachelor of Science
- B.S.C.E. Bachelor of Science in Civil Engineering
- B.S.Env.E. Bachelor of Science in Environmental Engineering
- B.S.N. Bachelor of Science in Nursing
- B.S.W. Bachelor of Social Work
- M.A. Master of Arts
- M.A.T. Master of Arts in Teaching
- M.B.A. Master of Business Administration
- M.Ed. Master of Education
- M.P.A. Master of Public Administration
- M.S. Master of Science
- M.S.N. Master of Science in Nursing
- M.S.W. Master of Social Work
- Ed.S. Educational Specialist
- D.P.T. Doctorate in Physical Therapy

Accreditation

Florida Gulf Coast University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award associate, baccalaureate, and master’s degrees.

Please refer to the appropriate college or school section for information regarding accreditation, approval, and certification of programs or units.

Historical Perspective

The history of Florida Gulf Coast University is a visionary one built on support for providing higher education opportunities in Southwest Florida. Area citizens began the initiative to bring a state university to this part of Florida, and their early requests were quickly supported by elected officials at the local and state levels.

The former Florida Board of Regents formally recommended in January 1991 the development of Florida’s tenth state university to be located in Southwest Florida, and, in May 1991, then Governor Lawton Chiles signed the legislation authorizing the new university. Southwest Florida’s support for a university was never more evident than during the next year, when private landowners offered more than 20 gift sites for the university campus. In early 1992, the Board of Regents selected the site offered by Ben Hill Griffin III and Alico, Inc. of 760 acres of land located just east of Interstate 75 between Alico and Corkscrew Roads.

Roy McTarnaghan was named founding university president in April 1993. Initial staff was hired that summer, and the university’s academic and campus planning began in earnest. Plans for the first phase of campus construction were unveiled in February 1994, and shortly thereafter, the Florida Legislature named the institution as “Florida Gulf Coast University.” The vision for the university was one that would address emerging higher education needs for the 21st century, including the use of technology in the learning/teaching process and multi-year contracts as an alternative to faculty tenure. The Board of Regents approved an agreement in May 1995 with the United Faculty of Florida allowing FGCU to offer a contract system for faculty.

Campus groundbreaking was held on November 28, 1995, with more than 600 people participating in the celebratory event for Southwest Florida. With aggressive academic program and campus development schedules slated to culminate in an opening day of August 25, 1997, the early staff and faculty were busy meeting deadlines every month. Inaugural degree programs were approved by the Board of Regents in March 1996. The FGCU Foundation, a private fundraising arm of the university, gained extraordinary financial support for an institution that at the time could only be seen on a drawing board. Faculty members throughout the country were attracted to FGCU for the opportunity to offer higher education in new and innovative ways.

The first FGCU student, Mariana Coto, was admitted in January 1997, and she participated in the historic ribbon cutting on the university’s August 25, 1997 opening day. The Southern Association of Colleges and Schools awarded FGCU accreditation candidacy later that year, and a comprehensive self-study was launched. The first commencement was held in May 1998, with 81 FGCU graduates. In August 1998, the first phase of student housing opened. In September, Founding President McTarnaghan announced his intention to step down on May 1, 1999.

FGCU’s second commencement ceremonies, held May 1999, marked the last official act of the founding president. The Board of Regents launched a national search held during the spring and summer for FGCU’s second president, and the university received official notification in June 1999 that it had achieved, in record time, accreditation by the Southern Association of Colleges and Schools.

In July 1999, the Board of Regents named William C. Merwin as FGCU’s second president. President Merwin arrived on campus for his first day on September 16, 1999. He initiated a highly participatory strategic planning process for students, faculty, and staff to carry the young institution to its next stage of development.

The Florida Legislature established governing boards of trustees for state universities in 2001, and 13 members were appointed to the Florida Gulf Coast University Board of Trustees. This governing board is providing leadership that is community based, responsive to the market, and nimble.

In January 2007, FGCU President Bill Merwin retired, and Dean of the Lutgert College of Business Richard Pegnetter was named Interim President by the FGCU Board of Trustees. A national and highly competitive search for FGCU’s third president was launched.

On the university’s 10th anniversary of its opening day - August 25, 2007 - the FGCU Board of Trustees selected Wilson G. Bradshaw to serve as the institution’s third president. President Bradshaw has the important responsibility of leading FGCU into its second decade of development and service as an institution offering access to quality higher education in Southwest Florida.

As FGCU moves forward, student applications and admissions are dramatically increasing; campus construction of academic and support buildings remains aggressive; new undergraduate and graduate degree programs are being added; our athletics program has moved from NCAA Division II to Division I; the FGCU Foundation’s private fundraising continues to be successful; and the excitement level for FGCU’s future is high.
Vision Statement
Florida Gulf Coast University will achieve national prominence in undergraduate education with expanding recognition for selected graduate programs.

Mission Statement
Established on the verge of the 21st century, Florida Gulf Coast University infuses the strengths of the traditional public university with innovation and learning-centered spirit, its chief aim being to fulfill the academic, cultural, social, and career expectations of its constituents.

Outstanding faculty uphold challenging academic standards and balance research, scholarly activities, and service expectations with their central responsibilities of teaching and mentoring. Through these efforts, the faculty and University transform students’ lives and the southwest Florida region.

Florida Gulf Coast University continuously pursues academic excellence, practices and promotes environmental sustainability, embraces diversity, nurtures community partnerships, values public service, encourages civic responsibility, cultivates habits of lifelong learning, and keeps the advancement of knowledge and pursuit of truth as noble ideals at the heart of the university’s purpose.

Guiding Principles
The founding of Florida Gulf Coast University at the advent of a new century is a signal event. It comes at a moment in history when the conditions that formed and sustained American higher education are fundamentally changing, and at a time when rapid shifts wrought by technology and social complexities are altering the very nature of work, knowledge, and human relationships. As a public institution, Florida Gulf Coast University eagerly accepts the leadership opportunity and obligation to adapt to these changes and to meet the educational needs of Southwest Florida. To do so, it will collaborate with its various constituencies, listen to the calls for change, build on the intellectual heritage of the past, plan its evolution systematically for the twenty-first century, and be guided by the following principles:

Student success is at the center of all university endeavors. The university is dedicated to the highest quality education that develops the whole person for success in life and work. Learner needs, rather than institutional preferences, determine priorities for academic planning, policies, and programs. Acceleration methods and assessment of prior and current learning are used to reduce the time it takes to earn a degree. Quality teaching is demanded, recognized, and rewarded.

Academic freedom is the foundation for the transmission and advancement of knowledge. The university vigorously protects freedom of inquiry and expression and categorically expects civility and mutual respect to be practiced in all deliberations.

Diversity is a source of renewal and vitality. The university is committed to developing capacities for living together in a democracy whose hallmark is individual, social, cultural, and intellectual diversity. It fosters a climate and models a condition of openness in which students, faculty, and staff engage multiplicity and difference with tolerance and equity.

Informed and engaged citizens are essential to the creation of a civil and sustainable society. The university values the development of the responsible self grounded in honesty, courage, and compassion, and committed to advancing democratic ideals. Through Service Learning requirements, the university engages students in community involvement with time for formal reflection on their experiences. Integral to the university’s philosophy is instilling in students an environmen-
Goal 4: Effective communication.
Know the fundamental principles for effective and appropriate communication, including reading, writing, speaking and listening skills. Organize thoughts and compose ideas for a variety of audiences, using a range of communication tools and techniques. Participate in collaborative projects requiring effective communications among team members.

Goal 5: Ethical responsibility.
Know and understand the key ethical issues related to a variety of disciplines and professions. Analyze and evaluate key ethical issues in a variety of disciplinary and professional contexts. Participate in collaborative projects requiring ethical analysis and/or decision-making.

Goal 6: Information literacy.
Identify and locate multiple sources of information using a variety of methods. Analyze and evaluate information within a variety of disciplinary and professional contexts. Participate in collaborative analysis and/or application of information resources.

Goal 7: Problem-solving abilities.
Understand the multi-disciplinary and interdisciplinary nature of knowledge. Apply critical, analytical, creative and systems thinking in order to recognize and solve problems. Work individually and collaboratively to recognize and solve problems.

Goal 8: Technological literacy.
Develop knowledge of modern technology. Process information through the use of technology. Collaborate with others using technology tools.

Goal 9: Community awareness and involvement.
Know and understand the important and complex relationships between individuals and the communities in which they live and work. Analyze, evaluate and assess human needs and practices within the context of community structures and traditions. Participate collaboratively in community service projects.

Graduate Student Learning Outcomes
Graduates of advanced degree programs at Florida Gulf Coast University will:
• Demonstrate excellence in critical thinking, problem solving, analysis, and strategic planning.
• Demonstrate effective use of a variety of communication skills and modalities.
• Exhibit professional and technical expertise consistent with discipline and/or content area accrediting or licensing bodies.
• Be prepared for leadership roles in professional and occupational areas and in communities in which they live and work.
• Demonstrate the capacity for continuing learning, growth, and scholarly activity in their respective disciplines and fields of study.

Ombudsman
The Office of the Ombudsman was established by the Florida Legislature to assist students in resolving problems and conflicts. The ombudsman reports directly to the president and provides a prompt, impartial, and confidential means of facilitating dialogue between parties on campus. The office also provides a means of resolving differences, apart from formal grievance procedures.

Once a problem is reported, the ombudsman works with the client to identify alternative responses to strategically address the matter. A plan is developed which seeks to achieve a mutually satisfactory solution. The office is firmly committed to maintaining the confidentiality of those who use the services. To the extent possible, the discussions, issues, concerns, or problems presented to the ombudsman remain in strict confidence.

For more information contact Dr. Charles W. McKinney, assistant to the president and university ombudsman, Academic Building #5, suite 213; phone (239) 590-1022, fax (239) 590-7407, e-mail cmck@fgcu.edu. In his absence, contact Ms. Linda Summers, Director, Academic Support Services/Center for Civic Engagement, Academic Building #5, suite 214, phone (239) 590-7016, fax (239) 590-7378, e-mail lsummers@fgcu.edu.

Diversity Statement
Florida Gulf Coast University is committed to building and maintaining a diverse, accessible, civil, and supportive learning community. It fosters respect and understanding among all cultures and all individuals who work, study, live, and teach within this community. Bigotry, expressions of hatred or prejudice, behaviors that infringe upon the freedom and respect that every individual deserves, and harassment of any kind transgress the university’s vision, mission and guiding principles. Just as learning benefits from the interplay of teaching and scholarship in a variety of disciplines, so does the university community learn and profit from diverse cultures and perspectives. Florida Gulf Coast University will continue to pursue its aspirations by fostering a welcoming environment through diversity and inclusion.

Athletics
FGCU offers a dynamic and successful intercollegiate athletics program that benefits students, student-athletes, faculty, staff and the greater community. Since debuting in 2000 with the launch of men’s and women’s golf and men’s and women’s tennis, FGCU athletics is enjoying remarkable success as a young program in only its ninth year. During 2002-03, men’s and women’s basketball, men’s and women’s cross country, men’s baseball and women’s softball were added, while volleyball became FGCU’s 11th sport in 2004. FGCU then added men’s and women’s soccer and women’s swimming and diving in the 2007-08 academic year. FGCU boasts excellent athletic facilities including Alico Arena, Swanson Baseball Stadium, a softball complex, an aquatics center, 12 lighted tennis courts, an outdoor sports complex, and a soccer stadium.

FGCU is a member of the National Collegiate Athletics Association (NCAA) Division I and a member of the Atlantic Sun Conference. The Atlantic Sun is a blend of the southeast’s finest and most dynamic private and state schools.

The intercollegiate athletics program has been able to attract the best and brightest coaches and student-athletes from around the world. FGCU’s student-athletes succeed in the classroom and in the playing arena with an overall GPA averaging 3.2 and a department-wide winning percentage of over 80 percent. It is also important that we give back to our community so our student-athletes and coaches have completed over 5,000 hours of community service each year since the inception of the athletics program.

Alico Arena
With a seating capacity of 4,500, Alico Arena is the University’s largest venue and host to basketball and volleyball games, as well as concerts, commencements, lecture series, and a variety of other events. The Arena includes three practice courts, an auxiliary gym, six sky boxes, and a hospitality room. Alico Arena is home to the Athletics Department, as well as Cam-
pens Recreation. For information on upcoming events please log on to: www.fgcu.edu/athletics/alicoarena

Aquatics Center
The Aquatics Center at FGCU includes a 25-yard pool and a 50-meter pool, as well as one-meter and three-meter diving boards. Students, faculty, and staff can enjoy the Aquatics Center free of charge. Special membership rates are available for student, faculty, and staff's families. Aquatics programming is also available. Please check the website for more information. www.fgcu.edu/aquatics

International Study and Education
International Study Abroad Programs. Florida Gulf Coast University students may participate in a variety of student exchange and study abroad programs in many countries throughout the world through a network of recognized programs at other universities and provider agencies. Programs are offered during the regular academic year and during the summer. Examples of previous courses of study include: anthropology, business, communication, culture, language, law, environment, health care, etc. Students have chosen to study in England, France, Germany, Italy, China, Spain, Czech Republic, Australia, New Zealand, Brazil, Ecuador, Mexico, Guyana, and Peru.

Students who wish to include an international experience abroad as part of their educational program at FGCU may contact the International Services Office for assistance.

International partnerships and linkages.
The university and its academic units have established partnerships and linkages with institutions and organizations on four continents and in the Caribbean.

• China: The Institute of Chinese Studies (ICS) was initiated in 2005. The ICS has signed exchange agreements with two Chinese universities, Nankai University in Tianjin, China and Yantai University in Yantai, Shandong, China. The mission of the ICS is to facilitate academic programming and other linkages between our partner universities and FGCU. The Institute of Chinese Studies, under the leadership of Dr. Daniel Borgia, is dedicated to providing internationally recognized educational programs and services designed to enhance the skills and competencies of university students and working professionals in the area of Chinese Studies. We achieve this through a variety of flexible partnerships, programs, and scholarship within a 'second circle' international partnership model with universities, communities, and business professionals from the People’s Republic of China. Our current academic initiatives include: Joint Undergraduate/MBA; Dual Undergraduate Degree; and Visiting Student Programs and Faculty Exchanges, Student Support, and Other Programs and Activities.

• France: FGCU has a student exchange agreement with Burgundy School of Business, Dijon-Bourgogne offering upper level undergraduate and graduate degree programs in business. In 2006 student exchange agreements were signed with Audencia Nantes School of Management and with Groupe ESC Toulouse. Both are programs for business students and are accredited by AACSB International, Equis and the AMBA. The Groupe ESC Toulouse has a campus in Toledo, Spain. FGCU students gain access to courses and classes at either campus as part of the exchange agreement. A long term research collaboration between marine scientists in Brest, France and FGCU led to a cooperative research agreement involving marine research and development between the European Institute of Marine Studies of the University of Brest (Institut Universitaire Européen de la Mer de l’Université de Bretagne Occidentale) and FGCU. The aim of this agreement is to further the development of basic scientific and applied research with goals of advancing research in marine science and gaining a more fundamental understanding of the marine ecosystems. The agreement includes: exchanging researchers, scientists, faculty members, and graduate students; exchanging scientific information in fields of mutual interest; intellectual exchange through lectures, talks, conferences, colloquia, symposia and sharing of experiences; and implementing cooperative research programs.

• Germany: Agreements have been signed with the following German universities: University of Wuerzburg in Wuerzburg, Pforzheim University of Applied Sciences in Pforzheim, FHHarz University in Wernigerode, The Evangelische Fachhochschule Rheinland-Westfalen-Lippe (EFH) in Bochum, and FHJena University of Applied Sciences in Jena. Besides the traditional student and faculty exchange agreement with the University of Wuerzburg, two other programs link Wuerzburg and FGCU students: one through distance education courses and the other an Executive MBA Certificate Program. A letter of intent was signed whereby FGCU in partnership with FHHarz and the Otto-von-Guericke University of Magdeburg are to offer a joint Master of Business Informatics/Computer Information Systems as soon as program negotiations are completed. In addition, there is a regional agreement between the Saxony-Anhalt region and the Southwest Florida business community. Academic and professional exchanges and collaborative relationships in research, business development, and curricula development are major components of these agreements.

• Hungary: Szent Istva University a Jaszbereny Hungary has signed an agreement with FGCU to facilitate student and faculty exchange with special focus on teacher education.

• Italy: The Stazione Zoologica ‘Anton Dohni’ di Napoli, Naples, Italy, has signed a cooperative research agreement with FGCU. The aim of this agreement is to engage in cooperative research activities involving basic scientific and applied research with goals of advancing research in biotechnology, molecular biology, marine biology, ecology, and botany using marine organisms. The Stazione and FGCU wish to maintain and promote channels of cooperation and communication that permit the exchange of academic and scientific knowledge.

• Mexico: FGCU facilitated collaboration between businesses in Southwest Florida and Mexico, including a regional agreement between the regions of Carmen and Campeche, and the Southwest Florida business community. In addition, the university has a signed student exchange agreement with Universidad Autonoma del Carmen and linkages with the Universidad Autonoma de Campeche, Instituto Campechano, the University of the Yucatan, and Metropolitan Autonomous University. The FGCU Lutgert College of Business faculty participated in teaching several modules of the Executive MBA at Universidad Autonoma del Carmen.

• New Zealand: FGCU has a signed agreement with Unitec International in Auckland. The first faculty exchange between the two schools occurred in the fall of 2005, and the first student exchange from FGCU took place in the spring 2006 semester.

• Sweden: Halmstad University, Halmstad, has an active student exchange program with FGCU. An agreement has been signed expanding undergraduate opportunities for Swedish students to attend FGCU as full-time FGCU students.

• Guyana: Since 1998, FGCU has had a formal relationship with the University of Guyana-Georgetown, South America. There has been an active exchange of social work faculty and students participating in programs and conducting workshops in Fort Myers, FL and Georgetown, Guyana.
Students in the College of Arts and Sciences participate in study abroad language immersion programs in Spain and Latin America and study tours to Latin America, China, and Europe.

The Lutgert College of Business is on the cutting edge for partnering and pedagogical approaches that link the FGCU student to the world and the world to FGCU. The Lutgert College of Business has created a paradigm that is being recognized throughout the U.S. and internationally. Known as the Second Circle Model, the business and academic communities collaborate in the process of knowledge acquisition and dissemination and in community development.

The College of Education has a partnership with the University of Glasgow, Scotland whereby Scottish student teachers do their field experiences in the partnership country. The College of Education is a charter member of the Caribbean Basin network of teacher educators supporting the annual international project titled: “Reorienting Teacher Education Towards a Sustainable Future”.

The College of Professional Studies has partnership agreements with the University of Guyana-Georgetown South America, and the University of the Applied Social Sciences in Bochum Germany. FGCU faculty and students have participated in interdisciplinary workshops with colleagues from the University of Guyana and the University of the Applied Social Sciences in Germany. German students have enrolled in distance learning courses with and completed internships under the auspices of FGCU faculty. FGCU students have attended lectures at Tsingua University Law School, visited the Supreme Court Appellate Court, and met with judges in Beijing China under the auspices of FGCU faculty.

Note: The above named partner institutions are not accredited by the Commission on Colleges of the Southern Association of Colleges and Schools and the accreditation of FGCU does not extend to or include the partner institutions or its students. Although FGCU accepts certain course work in transfer from our international partners, other colleges and universities may not accept this work in transfer, even if it appears on a transcript from FGCU.

International Services
239-590-7925

International student admission information is available in the International Student Admission Guide through the Office of Admissions. The International Services Office provides support services for international students, information and assistance to FGCU students for Study Abroad, and consultation to university departments. International student support services include pre-arrival information, orientation, enrollment, document processing, immigration advising, cross-cultural adjustment and integrating international students into the university and community experience. Programs such as the International Reception, International Celebration, International Club and topical presentations offer opportunities for students, university and community members to meet, learn and share their cultures. International Services also provides information and support services for study abroad opportunities. Students may utilize the Study Abroad Resource Library, attend information sessions and the Study Abroad Fair; consult with staff and receive assistance in finding and participating in an experience abroad. The office also assists university departments and individuals with immigration matters and development of international initiatives.

Research and Sponsored Programs
The Office of Research and Sponsored Programs (ORSP) is an integral and essential part of the overall FGCU teaching mission. Faculty participation in such activity plays a major role in the educational process at FGCU. Our dedicated faculty and staff provide a rich environment for students to take part in scholarly work and research while attending FGCU. Research efforts by our faculty enrich teaching and the classroom experience for our students. We are preparing students to continue learning and expanding their knowledge after leaving FGCU. Many opportunities are available for students to become involved in research efforts our faculty members conduct.

Since FGCU opened in August 1997 external support for research and sponsored programs has exceeded $100 million. During our last completed fiscal year FGCU faculty and staff submitted 180 proposals and were awarded nearly $14 million in new grants and contracts. Please visit our web site at www.fgcu.edu/orsp to learn more about our programs or simply stop by Griffin Hall Suite 135 to personally visit us and learn of potential opportunities available to you.

Teacher Preparation Programs
Florida Gulf Coast University considers the preparation of teachers and other professional educators an integral part of its vision and mission. The university is dedicated to providing high quality educator preparation programs for meaningful careers in schools and agencies.

Title II of the Higher Education Act
Title II, Section 207 of the Higher Education Act mandates that universities make available certain information concerning the institution’s teacher preparation programs including the pass rate of program completers on assessments required by the state for teacher licensure or certification, the statewide pass rate on those assessments, and other basic information on teacher preparation programs. The information pertaining to Florida Gulf Coast University is available on the web at http://www.coe.fgcu.edu

All College of Education academic degree programs were revised in 1999-2000 and reviewed and approved against the most current state standards in the fall of 2006. FGCU’s College of Education offers six baccalaureate degree programs that lead to certification in early childhood education (Age 3 to Grade 3), elementary education, special education, and secondary education (biology, mathematics, or social sciences). All undergraduate programs lead to certification and early childhood education, elementary education, and special education include endorsement in ESOL. At the graduate level, school counseling and educational leadership prepare students for certification by the Florida Department of Education. Other advanced degree programs include educational technology, ESOL, mental health counseling, reading, special education, elementary education, and curriculum and instruction. The College also supports many non-degree seeking students in courses leading to certification, through the Educator Preparation Institute (TIP) and the Professional Training Option (Education Minor).

Student Characteristics:
Approximately 70% of College of Education undergraduates come from the surrounding five county service area of FGCU. More than 15% represent ethnic or racial minorities, and 89% are women. 83% of current undergraduate teacher education students are under 30 years of age. At the graduate level, 73% are females and 75% are over 30.

Admission Requirements:
Refer to program descriptions for admission requirements.

Internship/Student Teaching Requirements:
Undergraduate degree seeking students in programs apply for final internship in advance and are placed in area schools when they have completed all but one course of their College of Education courses with a grade point average of 2.5 or higher. Special features:

- Frequent and integrated field experiences throughout study.
- Integrated study in a unique expeditionary format that promotes best teaching practices with all students.
Graduate degree seeking students have frequent and integrated field experiences throughout their course of study.

**Contextual Information:**
Revised programs described above were implemented in the fall of 2002 and 2005 and all teacher certification programs received full approval from the Florida Department of Education in 2006.

1038 students were enrolled in College of Education degree programs in 2006-07 of whom 777 were seeking initial teacher certification.

The FGCU College of Education has extensive partnerships with area schools and districts that include a professional development school, special centers to support targeted need groups (i.e., special education, instructional enhancement) and low performing schools in its five county area through the Alliance of Educational Leaders.

**Pass Rate Data:**
The following pass rate data is for the 2006-07 academic year and is based upon data verified by the Florida Department of Education.

<table>
<thead>
<tr>
<th>Program Area</th>
<th>Number of Students Completing the Program</th>
<th>Pass Rate on all FTCE sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Skills (CLAST)</td>
<td>132</td>
<td>100%</td>
</tr>
<tr>
<td>Subject Area Exam</td>
<td>152</td>
<td>100%</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>9</td>
<td>100%</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>105</td>
<td>100%</td>
</tr>
<tr>
<td>Secondary Education</td>
<td>6</td>
<td>100%</td>
</tr>
<tr>
<td>School counseling</td>
<td>7</td>
<td>100%</td>
</tr>
<tr>
<td>Special Education</td>
<td>12</td>
<td>100%</td>
</tr>
<tr>
<td>Ed leadership (all certification areas)</td>
<td>13</td>
<td>100%</td>
</tr>
<tr>
<td>Professional Education</td>
<td>132</td>
<td>100%</td>
</tr>
</tbody>
</table>

**FGCU-TV and WFGCU-FM**
FGCU is home to WNLU Public Media, a comprehensive media enterprise that provides Southwest Florida:

- National public television and radio programming that informs, educates, entertains, and enriches;
- Locally produced TV/FM programs focusing on this region's cultural arts, health concerns, environmental topics and issues, Southwest Florida history, and news/public affairs.
- Numerous community outreach projects, including Florida Landscape, Curious Kids Club, WFGCU Renaissance Academy, and our Radio Reading Service for persons with visual disabilities;
- www.wgcu.org, an information rich website with digital archives of all locally produced TV and FM programs and features; and
- expressions, a monthly magazine, filled with information on cultural events, the environment, interesting and relative essays, poetry, and extended radio and television program information.

The stations broadcast from a state-of-the-art campus facility that includes an HDTV master control facility, television and radio production studios, and remote location production services. The television station broadcasts on channel 30/cable 3 and DT 31. The radio station can be received at 90.1 FM, from a 100,000-watt stereo signal, and on WMKO-FM 91.7 FM, which reaches the most southern part of Collier County and Marco Island.

**University Bookstore**
239-590-1150
www.fgcu.bkstr.com

The FGCU Bookstore is located in the Student Union and offers online or in-store shopping for required textbooks as well as being your headquarters for all kinds of FGCU clothing, gifts and office supplies including special academic pricing on software. An academic book buyback program is also available.

**Dining Services**
FGCU offers the following dining locations:

- The Perch RFoC (Real Food on Campus) at the Student Union
- Einstein Bros. Bagels at the Student Union
- Eagle Cafe at Howard Hall featuring Subway, Taco Bell Express, and C3 Grab & Go
- Starbucks at the Library
For Meal Plan options, menus, hours of operations, and care package information please visit us online at www.fgcdining.com.

**Eagle ID Card Office**
239-590-7645
www.fgcu.edu/EagleID
The FGCU Eagle ID card is the university identification card. All students are issued an Eagle ID card at their orientation. Your card is required for the library, computer labs, housing, meal plans, recreational services, and event privileges. For additional information and location please visit our website.

**University Police and Safety**
The University Police and Safety Department provides a full range of public safety services to the university community 24 hours a day, seven days a week. Services provided by the department include, but are not limited to, routine patrol on foot, bicycle or vehicle; alarm monitoring; escorting students, faculty and staff on request; motorist assistance with lockouts, dead batteries, etc.; lost and found, and educational programs (RAD, Securing Your Home, Robbery Prevention).

**Vehicle registration and parking.** By rule (6C10-8), the university requires all students, faculty, and staff to register their vehicles if they operate or park a motor vehicle on property owned by or in control of the university. This rule is in effect 24 hours a day for each day of the year. (See section on Tuition, Fees, and Refunds for additional information.)
CENTERS AND INSTITUTES

Centers and institutes are established at universities for the purpose of coordinating intra and/or inter-institutional research, service, and training activities that supplement and extend existing departmental instruction, research, and service programs. FGCU currently has seven active formally approved centers and institutes. These include:

Center for Leadership and Innovation
The Center for Leadership and Innovation (CLI) is an extension of the Lutgert College of Business and an integral element of Florida Gulf Coast University’s outreach to the surrounding communities. The CLI houses a number of activities that provide for educational programming, workforce development and support for economic development in the region.

The CLI is home to Florida Gulf Coast University’s Executive MBA degree (EMBA), a specially designed program for middle and senior level professionals. The EMBA Program allows students to complete the degree within two years, while continuing to maintain their full-time, professional commitments.

The CLI also houses the following:
- Small Business Development Center (SBDC) is a federally funded program of the Small Business Administration. The SBDC provides counseling and program support to small businesses throughout the region.
- The Sponsored Projects and Programs Office coordinates the educational, research, and consultative services for public/private organizations/companies and individuals. This office oversees FGCU’s Certified Financial Planner professional certification program.
- Other faculty institutes include: Institute for Chinese Studies, Regional Economic Research Institute, Institute for Technological Innovation, Institute for Advances in Human Resources, Institute for Conflict Resolution, Institute for Business and Professional Ethics, and the Lucas Institute for Real Estate Development and Finance.

The CLI continues to work with local organizations, state agencies, and regional economic development centers to offer the use of its facilities to further the well-being of the region. For more information, please visit the CLI website at http://cli.fgcu.edu.

John Scott Dailey Florida Institute of Government
The Institute of Government (IOG), located in the Office of continuing Education and Off-Campus Programs, is part of a statewide network of affiliates with the overall mission of increasing the effectiveness and quality of the public and private sector in Southwest Florida.

The IOG has developed a reputation for high-quality, reasonably priced training and development opportunities for the public and private sector. Training brochures are mailed biannually with a comprehensive listing of open-enrollment workshops. However, the majority of workshops provided are in-house, customized programs for specific organizations. The full year’s workshop schedule is available on the IOG website by title, trainer, date, location and cost.

IOG services are provided by trainers, consultants and faculty that combine a theoretical knowledge base with the practical application of concepts learned. All are highly qualified, respected, and experienced in their areas of expertise.

Additional services include technical assistance, program evaluation, needs assessments, and public opinion surveys. Recent projects include:
- Guests First Customer Service Program for the Lee Island Coast Visitor and Convention Bureau
- Staffing studies for two local governments.
- Telephone survey of registered voters in Collier County.
- Charlotte County Environmental Services Dept. process evaluation.
- Southwest Florida International Airport and FGCU customer service projects.
- Individualized professional coaching for professional and personal enhancement.
- Records management, strategic planning.
- Visioning.
- Goal setting.

The Institute of Government also offers certification programs in several areas including certified public manager, supervisory series, code enforcement, and non-profit series. For more information, please contact the Institute’s director at 239-590-7815 or visit our website at www.fgcu.edu/iog

Small Business Development Center
The Small Business Development Center (SBDC) is a non-profit organization. The SBDC is just one part of the Center for Leadership and Innovation, operated by Florida Gulf Coast University’s College of Business and the U.S. Small Business Administration. It serves to design and deliver a collection of programs directed toward strengthening the economy of Southwest Florida. Services include free one-to-one counseling, educational workshops, and support for the activities of the U.S. Small Business Administration. A free counseling service at the SBDC office is available to individuals who have questions or need assistance in starting or growing their businesses. Certified SBDC staff provide this counseling. For more information, please visit the SBDC website at http://cli.fgcu.edu/sbdc.

Institute for Youth and Justice Studies
The mission of the Institute for Youth and Justice Studies is to further studies relating to policies and practices of youth development and juvenile justice. The Institute is cross-disciplinary, incorporating the fields of criminal justice, public administration, social work, and education. The Institute provides a research setting conducive to the development and application of policies and practices relating to youth development and juvenile justice. The goals of the Institute include: to advance the theoretical and applied perspectives in the disciplines of youth development and juvenile justice; to solicit funding to facilitate research for FGCU faculty, students, and practitioners; to engage local, regional, and national experts from the various justice disciplines to provide practitioner and student education and training; to publish the results of collaborative research for purposes of scholarship, replication, and empirical analysis; and to establish sister center relationships with national and/or international institutes with similar missions and goals. For more information, please contact the IYJS at 239-590-7835, sobrien@fgcu.edu, or visit our website at http://cps.fgcu.edu/iyjs/.

Center for Environmental and Sustainability Education
The Center for Environmental and Sustainability Education works toward the dream of a sustainable and peaceful Earth through scholarship, education, and action. The Center advances understanding and achievement of the goals of environmental and sustainability education through innovative educational research methods, emergent eco-pedagogies, and educational philosophy and practice based on ethics of care and sustainability. The Center seeks to elevate the envi-
Environmental mission of Florida Gulf Coast University and serves the University community, the local community of the Western Everglades and Barrier Islands, and the wider community of scholars.

**Coastal Watershed Institute**
The mission of the Coastal Watershed Institute is to address regional concerns regarding the use and conservation of coastal watersheds by supporting undergraduate and graduate education in marine science and coastal watershed study; by focusing and coordinating university research on coastal environments and the conservation of natural resources; and by disseminating information to the citizens of Southwest Florida to engage and inform them about the health of coastal watersheds and related issues.

**The Whitaker Center for Science, Technology, Engineering, and Mathematics (STEM) Education**
The Whitaker Center (WC) is a collaborative endeavor among the College of Arts and Sciences, the College of Education, and the School of Engineering with a vision and mission focused on improving STEM education at all levels (preK through post-secondary). The Whitaker Center aspires to: Enhance and foster innovation, interdisciplinary activities, and research in science, technology, engineering, and mathematics education by providing support to faculty in professional development and scholarly activity related to the Whitaker Center mission. Provide expertise in inquiry-based environments that engage students in meaningful science, technology, engineering, and mathematics experiences through support of model undergraduate research activities, specialized academic programs, and student organizations. Contribute to outreach activities in the local, regional, and national community that promote public interest and support of science, technology, engineering, and mathematics education. Support preK-12 educators in the pursuit of quality learner-centered science, technology, engineering, and mathematics education. Provide expertise in evaluative services for science, technology, engineering, and mathematics educational endeavors including internal and external research, projects, and initiatives. For more information please contact the WC at 239-590-7444 or visit our website at [http://www.fgcu.edu/whitakercenter/](http://www.fgcu.edu/whitakercenter/).
UNIVERSITY NOTICES

Americans with Disabilities Act
Florida Gulf Coast University endeavors to comply with all aspects of the Americans with Disabilities Act of 1990 as amended and the Federal Rehabilitation Act of 1973 as amended. This includes compliance in the provision of programs, services, and activities; in carrying out University policies, practices, and procedures; in the need for reasonable accommodations; the use of equally effective communications; the provision of transportation services; and accessibility of facilities and public accommodations at the central campus and external University sites.

The University assumes no responsibility for personal assistance necessary for independent living or for specialized medical care. As a result of limited health facilities and health care professionals on campus, students requiring personal health assistance should be prepared to bear the expense of this care through a general hospital or private physician/clinic of their choice.

Students should contact the Office of Adaptive Services and faculty, staff, vendors and visitors should contact the Office of Institutional Equity and Compliance for needed assistance and guidance or to report instances of perceived discrimination. Further, the cooperation and support of all faculty and staff members is necessary in order to implement and maintain the policy.

Anti-Drug Abuse Act
Students convicted of drug felonies may lose their eligibility for federal financial aid programs. The Omnibus Drug Initiative Act of 1988 gives courts the authority to suspend eligibility for federal student aid when sentencing an individual convicted of possession or distribution of a controlled substance. For a drug possession conviction, eligibility is suspended for one year for the first offense, two years for the second offense, and indefinitely for the third offense. For a drug sale conviction, eligibility is suspended two years for the first offense, and indefinitely for the second offense. Florida Gulf Coast University students convicted of drug felonies will also be subject to the student Code of Conduct.

Campus Environment
A unique attribute of our campus is the over 300 acres of wetland and upland preserves, home to a variety of wildlife — including turkeys, deer, alligators, hogs, bald eagles, indigo snakes, gopher tortoises, raccoons, opossums, and even an occasional panther or bear — some of which are listed by state and federal agencies as “endangered,” “threatened,” or “species of special concern.” All are wild animals and must not be fed or approached. Some animals have become accustomed to the presence of people and are attracted to waste receptacles, dumpsters, or food spilled or left uneaten. Please warn people not to approach wildlife and notify campus police if you observe wildlife approaching people. Also please observe all posted speed limits to minimize collisions with wildlife. Thank you for helping us keep our wildlife healthy and wild — and people safe!

Drug-Free Campus Policy
Federal legislation mandates every individual’s right to work and learn in a drug-free environment. Florida Gulf Coast University firmly supports this right in policy and practice. Information regarding university policy is available from the Office of the Vice President for Student Affairs and the Office of Human Resources.

Non-Discrimination
Florida Gulf Coast University is formally committed to nondiscrimination on such grounds as noted in its policies, procedures and practices including gender equity in sports. All of us in the university community must be conscious of our responsibility to abide by the laws, regulations and principles of equality of opportunity. Further, as a community, we will work to ensure equity and fairness, for all students, faculty, staff, visitors and vendors. We are committed to these principles for we are convinced they are essential for a distinguished university. Questions regarding this policy statement or compliance with its provisions should be directed to the Office of Institutional Equity and Compliance at 239-590-7405. Outside Lee County: 800-590-3428.

Sexual Harassment Policy
The Florida Gulf Coast University Sexual Harassment Policy is for all students, faculty, staff, vendors, and visitors.

Sexual harassment undermines the integrity of the academic and work environment, and prevents its victims and their peers from achieving their full potential. All members of the university community are entitled to work and study in an atmosphere free from sexual overtures or innuendoes that are unsolicited and unwelcome. It is the particular responsibility of those members of the university community who hold positions of authority over others to avoid actions that are or can be considered sexually abusive or unprofessional.

It is expected that the deans, chairs, department heads, team leaders, directors and other supervisory staff will monitor and take corrective action whenever instances of sexual harassment are either observed or reported to them. While the decision regarding resolution normally remains within the unit, all allegations of sexual harassment are to be immediately reported to the Office of Institutional Equity and Compliance, which will monitor, provide advice, and take appropriate action as required by federal and state laws.

Student Right to Know/Campus Security
The Student Right to Know and Campus Security Act (1990) mandates that all postsecondary institutions are required to prepare, publish, and distribute certain information regarding campus crime and policies related to security. In addition to crime statistics for the past three years, the national legislation requires universities to make policies related to security issues public. The FGCU Campus Safety Guide is published annually and is available at the Police Department or on-line at http://admin.fgcu.edu/police/safetyguide.html.

Annual Report of Crime Statistics

<table>
<thead>
<tr>
<th>Number of Offenses Reported</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offense</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Homicide Offenses</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Manslaughter</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Forcible Sex Offenses, Rape</td>
<td>3</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Non-Forcible Sex Offenses, Rape</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Robbery</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Aggravated Assault</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Burglary/Breaking &amp; Entering</td>
<td>6</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Larceny/Theft Offenses</td>
<td>27</td>
<td>38</td>
<td>32</td>
</tr>
<tr>
<td>Arson</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Theft</td>
<td>0</td>
<td>18</td>
<td>0</td>
</tr>
<tr>
<td>Hate Crimes (by Prejudices)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Race</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Gender</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Religion</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sexual Orientation</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Ethnicity</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Offense</td>
<td>Year 1</td>
<td>Year 2</td>
<td>Year 3</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Disability</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Number of Arrests – Select Offenses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquor Law Violations</td>
<td>21</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>Drug Law Violations</td>
<td>3</td>
<td>5</td>
<td>13</td>
</tr>
<tr>
<td>Weapons Law Violations</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Referrals to Student Code of Conduct – Select Offenses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquor Law Violations</td>
<td>217</td>
<td>305</td>
<td>331</td>
</tr>
<tr>
<td>Drug Law Violations</td>
<td>22</td>
<td>97</td>
<td>86</td>
</tr>
<tr>
<td>Weapons Law Violations</td>
<td>4</td>
<td>11</td>
<td>13</td>
</tr>
</tbody>
</table>
E-LEARNING AND TECHNOLOGY SUPPORT

The university is committed to using communication, broadcast, and instructional technologies to engage the minds and enhance the lives of the people of Southwest Florida; to prepare graduating students to confidently use technology to compete successfully in the work market and to engage in lifelong learning; to support and improve the ways teaching and learning can occur; and to increase access to higher education and quality public radio and television programming.

The university offers open computer learning areas, computer classrooms, interactive video classrooms, an executive video-conference room, multimedia classroom systems, and a network of academic web servers. In addition, faculty, staff, and students may checkout portable equipment for special purposes.

E-Learning
With a commitment to making higher education accessible to a range of qualified students with diverse scheduling needs, FGCU offers key courses and certain full-degree programs as distance learning options. This means that any student can participate in certain courses without having to come to campus, or by coming to campus for only selected class sessions. The degree requirements for certain programs can be met entirely without attending campus-based courses. Most of the distance learning courses are delivered via the Internet.

Programs of Study Available via Distance Learning include but are not limited to:

All of the upper division courses required to complete the:
• Bachelor of Science in Criminal Justice
• Bachelor of Science in Legal Studies
• Bachelor of Science in Health Science
• Bachelor of Science in Nursing (RN to BSN only)

All of the courses necessary to complete the:
• Master of Business Administration (MBA)
• Master of Public Administration (MPA)
• Master of Science in Health Science
• Master of Science in Geriatric Recreational Therapy
• Master of Science or Master in Education in Curriculum and Instruction with concentration in Educational Technology

Other credit and non-credit courses and programs are available full or in-part via distance learning. For additional information, refer to the college sections of this catalog.

Electronic Access From Home
A home computer with a modem, an Internet service account, and the software necessary to use the Internet to communicate and access information resources are fundamental to home access of FGCU electronic resources. If you do not have your own computer but you can count on using one with Internet access from your place of employment, a public or community college library, or some other source that is convenient, you might still be able to participate effectively.

Minimum Hardware and Browser Configurations:
• Windows XP or Mac OS X
• 512 MB RAM
• Modem (Dialup, Cable, or DSL) for internet connection
• Netscape 7.x and replace with Firefox 2.x
• SVGA Color Monitor

Recommended Hardware and Browser Configurations:
• Windows XP or Vista, Mac OS X, Pentium IV or later CPU, Mac 1.66 Ghz Intel Core Duo or higher
• 1024 Mb RAM
• High speed Internet Connection (Broadband)
• Netscape 7.x with Firefox 2.x
• LCD color monitor

Southern Regional Electronic Campus
FGCU is a member of the Southern Regional Education Board’s (SREB) electronic campus (SREC). Through the SREC, universities from 13 states list courses and programs that are available as distance learning options. This electronic catalog of distance learning opportunities may be accessed at http://www.electroniccampus.org

Accessing ANGEL
FGCU uses the ANGEL learning management system to provide course materials to students. Students whose instructors choose to incorporate this resource can reasonably expect to utilize electronic bulletin boards, email, chat, file sharing and online assessment tools.

To access your course navigate a web-browser to http://elearning.fgcu.edu or http://www.fgcu.edu then click the “ANGEL” link on the top right hand corner of the screen.

Obtaining Your ANGEL Login and Password
To login to ANGEL you will use your webmail (sometimes called Eagle mail) username and password. To get an FGCU email account, you first need to activate your student account by going to: http://admin.fgcu.edu/IS/applications/student/accounts/activate.asp

Technology Support and Helpdesk
Students who find that they are having difficulty working with ANGEL are asked to contact the Academic & Event Technology (AET) Help Desk at 239-590-7100. Support staff are on hand to answer questions and troubleshoot issues Monday-Thursday from 8 am – 11 pm, Friday 8 am – 10 pm, and Saturday 8 am – 5 pm.

Students are also encouraged to access tutorials and documentation at http://elearning.fgcu.edu, or through ANGEL’s help files by clicking the “help” link located within the application.

Student Computer Labs
Technology support staff are located in the student computer labs (which are open approximately 90 hours a week) and can provide one-on-one assistance. Students can use computers in the open labs to:
• Send e-mail messages to professors and other students.
• Use word processing, prepare spreadsheets, or create databases.
• Complete course assignments.
• Conduct Internet-based information searches.
• Use multimedia courseware, such as simulated scientific experiments; or complete course projects that require the production of digitized media.

At FGCU teaching is improved through the design and use of instructional materials that permit students to access course assignments and materials electronically; hold electronic, out-of-class discussions; view live and taped video programs on large screens in classrooms; and access and view Internet-based databases and graphics during classroom sessions.

Student Email/Network Accounts
Each student at Florida Gulf Coast University will be given an account for accessing FGCU computing resources. These resources include Gullline, student email (EagleMail), network...
access, ANGEL, a personal web site, and access to secure online resources and databases provided by the FGCU library. Each of these requires a specific username and PIN or password.

- **Gulfline**: “Username” is the University Identification Number (UIN) which appears highlighted on the Eagle ID Card; PIN is provided at time of acceptance to the University or through the Office of Registration and Records. Gulfline can be accessed at [http://gulfline.fgcu.edu](http://gulfline.fgcu.edu)

- **Student E-Mail and network access**: Students need to activate their student account in order to receive email, log on to ANGEL, and access the network. Students can activate their accounts at [http://admin.fgcu.edu/IS/applications/studentaccounts/activate.asp](http://admin.fgcu.edu/IS/applications/studentaccounts/activate.asp). During activation, students are assigned a username and the students can pick a password they would like to use. Important note: Faculty use the FGCU email addresses to contact students. Since this is frequently the means used to distribute information on accessing specific online courses, it is important for students to activate their student account ASAP after registering for their first class. For further information, please visit the Student E-Mail Homepage at [http://eagle.fgcu.edu](http://eagle.fgcu.edu)

- **ANGEL**: Can only be accessed AFTER activating a student account. Log on at [http://elearning.fgcu.edu](http://elearning.fgcu.edu), using the same username and password used for e-mail and network access.

- **Library resources**: Students can access the Library online databases, which include many full-text journals, at [http://library.fgcu.edu/OnlineResources/esources.htm](http://library.fgcu.edu/OnlineResources/esources.htm). Accessing this from off-campus locations will require the 14-digit number on the Eagle ID cards (Library number).

### Minimum System Requirements

Students who are asked to use ANGEL for their courses should have the following hardware and software.

- **Operating system**: Windows XP – or – Mac OS X
- **RAM**: 512 MB
- **Internet Access**: 56 K modem - or - cable/DSL
- **Internet Browser**: Internet Explorer 6 + , Firefox, Netscape 7 +, Safari, Mozilla 1.4 +
- **ANGEL is not compatible with the AOL Browser**

### User Skills and Support

It is expected that each student will take some personal responsibility for developing the skills necessary to use basic computing applications.

The first step is to “know yourself.” Whether you are new to technology or are an experienced user, you will want to assess your FGCU survival skills and be certain that you have mastered those tasks that are needed in your role as a student. A self-assessment survey is available on the web at [http://www.fgcu.edu/support/techskills.html](http://www.fgcu.edu/support/techskills.html). The survey takes only three to five minutes. Results include scores for each section and suggestions for advancing your computing skills. Student lab assistants are available at each of the university’s three public computing labs to answer questions. Call 239-590-7100 to make an appointment for personalized training. Tutorials on library technology, Microsoft Office products, web skills, and other areas of interest are available through the university’s home page ([www.fgcu.edu](http://www.fgcu.edu)).

### Definitions

**ANGEL** – A course management system used to provide course materials using any combination of electronic bulletin boards, email, chat, file sharing and online assessment tools. **EagleMail** – EagleMail is Florida Gulf Coast University’s student email system. For more information please see the EagleMail homepage: [http://eagle.fgcu.edu](http://eagle.fgcu.edu)

**Gulfline** – ‘Username’ used to access your Gulfline account is your University Identification Number. For additional information in using Gulfline contact the Office of the Registrar.

**Library Number** – A 14 digit number located on the Eagle ID card. Student IDs are required to access some library information.

**Password** – Used to access computers located on campus and to retrieve student e-mail.

**PIN** – A unique number created for each student. This is used as the student’s signature in Gulfline. It is used to activate student email accounts. PIN numbers will only be provided to the student by mail or in person. PIN numbers will not be provided via telephone or email. Please contact the Office of the Registrar for additional information.

**University Identification Number (UIN)** – The UIN is the Banner System Generated ID number which appears on the Eagle ID Card. This number will be bolded and highlighted in green.

**Username** – Used to retrieve student email, log on to campus computers, and log on to ANGEL. It is the first part of a student’s email address, and can be looked up anytime using your University Identification Number (UIN) and PIN on the EagleMail website.
LIBRARY SERVICES

The mission of Library Services is to strengthen the intellectual environment of the academic community and to nurture lifelong learning among Florida residents.

General Information
The library maintains the following regularly scheduled hours.

- Monday - Thursday: 7:30 a.m. - 11:00 p.m.
- Friday: 7:30 a.m. - 6:00 p.m.
- Saturday: 8:00 a.m. - 6:00 p.m.
- Sunday: 1:00 p.m. - 11:00 p.m.

Hours are adjusted for holidays and intersessions. Consult the library web site (http://library.fgcu.edu) for current information.

Library cards. The Eagle ID card serves as the library card. The card must be presented each time materials are checked out. It is the responsibility of the cardholder to report immediately the loss or theft of the Eagle ID.

Online access. The library provides remote access to a number of information resources that are restricted to users within the library or to the students, staff, and faculty of the university. The 14-digit number required for remote access is printed on the Eagle ID card.

The library web site (http://library.fgcu.edu) is a primary access point for all library services and resources. The web site accesses the catalogs of the State University System of Florida libraries, FGCU course reserve materials, electronic databases, interlibrary loan, research assistance, and links to other useful sites. A library staff directory, several request forms, and the latest information about library hours and services are available on the web site.

Access for persons with disabilities. Library staff will provide reasonable assistance to persons with disabilities on request. Please ask for assistance at the circulation desk. Patrons with disabilities may expect assistance on demand whenever practicable with services and resources including retrieval of library materials, interlibrary loan requests, access to course reserve materials, and using the open computer lab. Special arrangements may be needed for access to some services and resources, especially during evening and weekend hours. Services requiring special arrangements may include extensive reference assistance, copying of library materials (copying costs are paid by the patron), or retrieval of microform materials. Please call the circulation desk (239) 590-7610 or TTY (239) 590-7618 to arrange for these services.

Computer lab. The library computer systems staff maintains an open computer lab in the library that provides access to electronic information resources, the world wide web, applications software, document scanning, color printing, student email, and removable storage. The lab is accessible whenever the library is open.

Library Collections
FGCU collections include rich retrospective collections, new books, current journal subscriptions, media, and an extensive collection of electronic resources to serve the university and the community.

Circulation and Course Reserve
Students, staff, faculty, and community patrons may borrow library materials in the General Collection. Borrowing periods vary. Ask the library staff at the circulation desk for assistance in determining the borrowing period for a specific item. Most materials may be renewed at the circulation desk unless another patron has requested them.

Course reserve materials are made available to students on or off-campus through the library web site whenever practicable. Materials that are not suitable for distribution via the web site are available in the library at the circulation desk.

Interlibrary Loan
FGCU faculty, staff, and currently enrolled students are eligible to use Interlibrary Loan (ILL) to obtain materials not owned by the FGCU library. Students and faculty from other State University System institutions are also eligible for ILL service. Submit ILL requests electronically from the FGCU library web site. New books, rare books, reference materials, software, and audiovisual items are often difficult to borrow from other libraries. Additionally, some theses, dissertations, and genealogical materials are difficult to obtain. Please ask the Reference staff for help in identifying items or in finding alternatives.

Reference and Research Assistance
Librarians and library paraprofessionals provide reference and research consultation services when and where they are needed. Reference service is available in the library, by telephone at (239) 590-7630, via email message to libref@fgcu.edu or through the Ask a Reference Question form on the library’s web site. When more extensive consultation is desired, please make an appointment with one of the librarians.

Support for Distance Learners
Electronic course reserves, databases, indexing, and abstracting services, and many full-text journals are accessible by computer from off-campus locations. Distance learners may use the library web site to request books or photocopies of journal articles.

Students enrolled in FGCU distance learning classes who need materials from the FGCU Library collection should use the Request Forms for Distance Learning Students on the library web site (http://library.fgcu.edu). Most materials are mailed to distance learners at no charge. Students are responsible for return postage for books. For materials not owned by the library, FGCU distance learners may use Interlibrary Loan forms to obtain materials from other libraries.
STUDENT AFFAIRS

The Division of Student Affairs is a partner in achieving the academic mission of Florida Gulf Coast University. We accomplish this by enhancing our students’ ability to learn and by promoting their development as productive members of the greater community. We are dedicated to improving students’ decision making skills, facilitating their personal development, enhancing leadership development, promoting healthy lifestyles, and assisting and developing their sense of purpose. Our leadership in these endeavors provides a vibrant campus life that increases student engagement in the University community and creates a culture of civility and care. Through our efforts our students, will develop a life long affinity for the University.

Specifically, the Division of Student Affairs develops programs and offers services that facilitate student academic progress and social maturation; assess student needs; assist students in understanding FGCU, policies, procedures, and governance; and to encourage campus involvement; enhance the social and cultural environment through student activities and programs; serve as an institutional resource with regard to information about students; promote an environment appreciative of ethnic, religious, and cultural diversity; encourage a public spirit among students that works towards the common good of Florida Gulf Coast University, Southwest Florida, the State, and global community.

Adaptive Services
http://www.fgcu.edu/adaptive
239-590-7956
Adaptive Services promotes opportunities for full participation in university academics, programs, activities, and services by students with disabilities, through the provision of reasonable accommodations, other support services and training. Disabilities as outlined by the Americans with Disabilities Act and the university may include learning, visual, hearing, speech, physical, and other disabilities. If requesting accommodations, the student must identify him or herself as having a disability, provide documentation, and consult with our staff with sufficient notice to coordinate appropriate services.

FGCU provides disability testing; contact the Office of Adaptive Services. Adaptive Services provides assistance in admission, registration, classroom accommodation, note taking, reader services, modified or extended test taking, sign language interpreters, campus housing, etc. The Adaptive Learning Lab offers individual study areas with special computer software and assistive technology.

Students seeking financial aid should contact the Financial Aid and Scholarships Office, and may find additional information on scholarships for students with disabilities in our office.

Campus Recreation
239-590-7935
The Department of Campus Recreation provides students, staff, and faculty opportunities to participate in a variety of recreational programs. Program areas within the Department include Aquatics, Group Fitness, Personal Training, Intramural Sports, Sport Clubs, Waterfront, and Outdoor programs. Campus Recreation promotes social interaction, competitiveness, personal wellness, and fun. Students, staff, and faculty may gain access to all areas within Campus Recreation with a valid ID.

Career Development Services
239-590-7946
http://studentservices.fgcu.edu/careers
Career Development Services assists students and alumni in preparing for and achieving their career goals. We offer individual advising on job search preparation as well as helpful resources in the Career Center and on our website. Job fairs, graduate school fairs, recruiter visits and other special events are scheduled throughout the year. We also offer a web-based job/internship listing system and resume database at www.collegecentral.com/fgcu.

College Reach Out Program
239-590-7834
The College Reach Out Program (CROP) was established in 1983 by the Florida Legislature to motivate and prepare first generation or, educationally disadvantaged, or low-income students in grades 6 through 12 to pursue and successfully complete a postsecondary education. Participants are students who otherwise would be unlikely to seek admission to community college, Military Service, state university, or independent postsecondary institution without special support and recruitment efforts. This program is of no cost to participants. Florida Gulf Coast University’s CROP program serves the five-county Southwest Florida area; Lee, Charlotte, Collier, Hendry and Glades. The program offers many opportunities, including but not limited to: College Exploration Days, Leadership Workshops, after school enrichment programs, SAT and ACT preparation classes, Cultural Field Trips, Financial Aid and Admissions workshops, Summer Residential and Institute programs for high and middle school students respectively. Participants gain knowledge in leadership, character building, life skills, study skills, test taking strategies, language arts, mathematics, reading, and essay writing.

Counseling and Psychological Services
239-590-7950
Counseling and Psychological Services (CAPS) provides individual and group counseling and therapy, consultation and referral, outreach, and skill development programs. CAPS services are free, confidential, and available to all students. The staff consists of the director and associate director, who are both Florida licensed psychologists, a part-time psychologist, full-time and part-time licensed mental health counselors and other part-time counseling professionals. CAPS psychologists and counselors adhere to the ethical standards established by professional associations, state licensing boards, and the national certification organizations. Two part-time psychiatrists provide services to students referred through CAPS. CAPS provides confidential consultation service for students. Students are encouraged to come in for a 30 minute CAPSnap visit to discuss any personal concern. To learn more about this service and all other CAPS services visit the CAPS website at http://studentservices.fgcu.edu/counseling/. Appointments are encouraged and made by coming to the CAPS office in the Wellness Center.

Emergency on-call professional counselors are available 24 hours a day for mental health emergencies. For assistance after regular working hours contact the university police dispatcher at 239-590-1911.

Dean of Students Office
239-590-7900
The Dean of Students Office is concerned with the overall quality of student life at Florida Gulf Coast University for all undergraduate and graduate students. Students are encouraged to visit staff in the Dean's Office to discuss ideas, personal issues, or general concerns about student life at Florida Gulf Coast University. The Dean of Students Office works
directly with students to help solve problems and to assist in individual and group crisis management.

The Dean of Students Office staffs promote and value differences on individual, organizational, and community levels. Through structured and intentional leadership development opportunities such as workshops, retreats and meetings, we encourage students’ growth in character, acceptance of differences, decision making and overall leadership skills.

We develop programs that encourage student involvement. We formally recognize over 120 student organizations, ranging in scope from media, fraternities and sororities, performance groups, academic interest clubs, cultural, service organizations and the Student Government. We collaborate with academic partners and others to implement student-centered experiences and to further University learning outcomes inside and outside the classroom.

Staff in the Dean’s office assists students in developing, articulating, and disseminating University rules, regulations, and policies such as the Student Code of Conduct.

**Eagle View Orientation**
239-590-7957
orientation@fgcu.edu
http://enrollment.fgcu.edu/Orientation

**Degree Seeking Undergraduates**
All admitted undergraduate degree seeking students are required to attend Eagle View Orientation. During the orientation session individuals will have the opportunity to:

- Learn about academic requirements and policies
- Develop a class schedule with an academic advisor
- Register for classes
- Receive information on a variety of University services
- Receive a University I.D. card
- Visit the University Bookstore

Information regarding orientation dates and fees, what to bring, area accommodations, important pre-registration information, and how to make a reservation for Eagle View Orientation may be found on the Eagle View Orientation website.

**Non-Degree Seeking Students**
Individuals that have been admitted as non-degree seeking student are not required to attend the orientation, but may attend the general sessions of Eagle View Orientation on designated orientation dates. Academic Advising is arranged through the respective college. Information regarding orientation dates, reservation forms, and orientation fees may be found on the Eagle View Orientation website.

**High School Early Admission and Dual Enrollment**
High school students who have been admitted to the FGCU Early Admission or Dual Enrollment program will attend a special orientation session on a date arranged by their academic advisor. A $35.00 orientation fee is required. Academic Advising is completed prior to orientation through the Office of First Year Advising. Reservations for orientation are made at that time.

**First Year Advising**
239-590-7875
advising@fgcu.edu

The Office of First Year Advising provides academic advising to prospective first-time-in-college students, university freshmen, and high school dual enrollment and early admission program participants. The initial meeting with an academic advisor occurs at Eagle View Orientation. While timely application to the university will ensure that articulation of credit is completed prior to orientation, it is recommended that students bring an unofficial copy of all college transcripts showing accelerated credit including Advanced Placement to the orientation advising session.

**Freshmen and First-Time-in-College**
Admitted students who have fewer than 12 transferable credit hours are required to meet with an academic counselor in the Office of First Year Advising at Eagle View Orientation. Taking into consideration earned college credit from accelerated mechanisms such as International Baccalaureate (IB), Advanced Placement (AP) and the College Level Examination Program (CLEP) this initial advising session will introduce students to university and lower division requirements including general education and requirements for major. When the student has successfully progressed to the sophomore year, he/she will be referred to the respective college advisor who will guide the student through the remainder of his/her graduation requirements.

Undeclared Freshmen who have not declared a major will be assigned a counselor in the Office of First Year Advising. Assistance in choosing a major will be offered through counseling and workshops.

**Greek Life**
239-590-7722
http://studentservices.fgcu.edu/GreekLife/
The Office of Greek Life (OGL) at Florida Gulf Coast University is committed to providing an environment in which Leadership Service, scholarship, and campus life can flourish and in which all endeavors are guided by academic and professional integrity. All members of the campus community – students, staff, faculty, and administrators – share the responsibility of ensuring that these standards are upheld so that such an environment exists. Essential campus functions include: publishing, and interpreting the policies and procedures of the Greek organizations, as well as serving as the liaison for fraternities and sororities and FGCU

**Judicial Affairs**
239-590-7904
http://studentservices.fgcu.edu/JudicialAffairs/
The Office of Judicial Affairs at Florida Gulf Coast University is committed to providing an environment in which research, learning, scholarship and campus life can flourish and in which all endeavors are guided by academic and professional integrity. All members of the campus community – students, staff, faculty, and administrators – share the responsibility of ensuring that these standards are upheld so that such an environment exists. Essential campus functions include: publishing, enforcing, drafting and interpreting the Student Code of Conduct. This office also administers the student disciplinary system and Judicial Affairs ensures just and prompt resolutions of student misconduct, while promoting ethical growth and development of students involved through educational outreach.

**Multicultural Student Development Office**
The Multicultural Student Development Office purpose is to “Assist the University in the fulfillment of its mission by encouraging each people and culture to assertively affirm the unique richness of their heritage.” Through the efforts of the office, we strive to provide a place where students of color and students of culture can find support on campus and their experiences can be explored and celebrated. The office provides leadership, guidance, and resources to Multicultural, Disabled, and Cultural Greek Organizations at Florida Gulf Coast University. These efforts are shown through programs that support recruitment and retention, heritage month celebrations, brown bag discussions, leadership development, LGBT support, Gender Awareness Projects, and diversity education opportunities.
Office of Campus Involvement
239-590-7739
The Office of Campus Involvement provides opportunities to enhance academics. We can help you achieve all of your goals for leadership development and a rewarding campus life by offering services, programming and leadership positions. Students who become involved in our programming and organizations will cultivate invaluable skills necessary for their professional and community involvement after graduation. We are committed to maintaining educational environments while allowing students opportunities for personal, social, and intellectual growth and development. Our programming and activities are designed to meet the dynamic needs of FGCU students.

Here are some of our opportunities:

Programs & Activities
There is no shortage of enjoyable and educational activities. Check out some of the great programs available to your students: Welcome Back Celebration, Club and Organization Fair, Leadership on the Go, Movie Nights, Black History Month Celebration, Wacky Wednesday, Weekend Road trips, Hispanic Heritage Celebration, Karaoke, Tunes at Noon, Murder Mystery Show, Illusionists, Financial Speaker, Ghost Hunter, Bingo, College Bowl, International trips to Europe, and many stimulating guest lectures and speakers.

BEEP
The Board of Eagle Entertainment Programmers (BEEP) is your source for entertainment at FGCU. Our student programming board at FGCU, BEEP is completely student run and here to program for the students. BEEP is responsible for the annual concert, formal, comedians, casino night and large scale programming. Any student can join BEEP and help plan these exciting activities.

Monthly Calendar of Events
Stop by the office to pick up your monthly calendar of events. This is your free guide to knowing what to do and where to go on campus. These are available in our office for each month.

Student Clubs and Organizations
With over 125 to choose from, there is no reason not to get involved! If there isn’t a club to suit your tastes, then we will help you start one. These groups are created and governed by students. We have cultural clubs, social, service groups, sport clubs, honor societies, a student run newspaper, and professional associations. These experiences provide sound leadership development and make for lasting friendships and memories.

Office of Housing and Residence Life
239-590-1700
http://studentservices.fgcu.edu/Housing/index.htm
Convenience, friendship, social activities, and educational programming are just a few of the reasons students choose to live on campus at FGCU. The Office of Housing and Residence Life offers several housing options to suit student’s needs. Opening fall 2008 is Everglades Hall. The 5-story, 124,000 square-foot residence hall will house 406 first-year students in single bedroom suites. Most units within this hall are two-bedroom single suites. Each suite has two furnished single bedrooms that share a private split-style bathroom. There are also a very limited number of rooms that offer a private bedroom and bath. Among the amenities offered in the building is 8 lounges, group and individual study rooms, multipurpose rooms, game room, computer lab, fitness center, kitchen, and laundry facility. North Lake Village is our popular apartment-style housing. Located on an 80-acre lake, each apartment includes 4 single or 2 double bedrooms, kitchen, living room, and 2 bathrooms. Residences include kitchen appliances, cable TV connections and high-speed Internet. Eagles’ Landing is located in the center of North Lake Village. At Eagles Landing residents can play ping pong, pool, play cards, watch TV, do some homework in the computer lab, or just hang out with friends. Many events are held in this building, such as, dances, concerts, billiards and card tournaments, Java Jams and much more.

The Office of Housing & Residence Life professional live-in staff has responsibilities for offering students activities and services that enhance students’ transition to college and their academic achievements. Support services are available to assist residents with any type of question or concern including, but not limited to facilities issues, roommate relationships, personal issues, and access to other resources on campus.

Staff provide on-call services 24 hours a day, 7 days a week. The Office of Housing & Residence Life works closely with other University programs and services to support a productive, active and successful college experience for all residential students. Several special interest halls are available options for students who desire a focused program.

On-campus housing contracts are available for fall and spring semesters with the option to also secure accommodations for the Summer term. Specific information pertaining to housing fees, application and other deadlines, and the assignment process can be accessed by visiting the Office of Housing & Residence Life web page http://studentservices.fgcu.edu/Housing/ or by telephone (239-590-1700).

Prevention and Wellness Services
239-590-7733
Prevention and Wellness Services (PWS) is dedicated to improving the well being of FGCU students. Among the issues addressed by PWS are alcohol and drug education, preventing and responding to relationship violence and sexual assault, nutrition and fitness, sexual health, adjustment issues, eating disorders, and stress management. Professional staff and trained Peers CARE (Counseling, Advocacy, and Real-world Education) staff provide health screenings, educational programs, and campus wellness events. PWS is also happy to talk with students individually during office hours. At either of our offices (Wellness 102 on Main campus or Eagles Landing 102/Housing) students can come to talk with a staff member about health concerns, pick up educational information, view a video or DVD, or use an online or CD-ROM health education program. Students seeking leadership opportunities in the health field should contact PWS about joining Peers CARE.

Public Schools Enrichment Partnership
239-590-7939
http://scholarsclub.fgcu.edu
Public Schools Enrichment Partnership (PSEP)/Scholars Club is a community supported “Center of Excellence” for public and private schools’ collaboration and research at Florida Gulf Coast University. It is charged with creating and supporting attainment of a culture of success among minority and “at-risk” students, grades K-16. More specifically, PSEP is charged with creating a peer culture of success among at-risk, minority and multicultural students by promoting and supporting academic, leadership, and service excellence. Innovative co-curricular and enhancement school programs are designed to facilitate a process of seamless recruitment of “at-risk” students into postsecondary education institutions.

PSEP’s mission and objectives are accomplished through Scholars Club and College for-a-day programs. Both programs emphasize early intervention, continuous individual...
and family support, and integrated programming. Scholars Club, a 19-year-old organization with elementary, middle, and high school chapters in Desoto, Collier, Lee and Charlotte counties. In January of 2003, the first college Scholars Club Chapter was inaugurated at Florida Gulf Coast University. PSEP/Scholars Club challenges students to excel not only academically but also in terms of leadership and service. Scholars Club participants are invited to attend special events and are eligible for FGCU and community-funded scholarships. Through College-For-A-Day, elementary, middle, and high school students from the four county area schools are invited to spend a day at the FGCU campus. The university’s faculty and staff maintain contact with participating students through various Scholars Club and PSEP activities.

Student Government (SG)
The Student Government (SG) provides students with opportunities to develop their leadership skills and abilities. One of the primary roles of SG is to be the “voice” of students. In this capacity, the SG facilitates the flow of information among the student body, faculty, staff, and administration. The SG provides a mechanism for addressing student concerns and provides opportunities to communicate suggestions that may enhance the student experience at FGCU. Another major role of the SG relates to the allocation of Activity and Service Fee (A&S) funds. The A&S fee is generated through a per credit hour fee that is assessed to each student. The SG has the responsibility for developing a budget and allocating monies that fall within the purview of the SG.

Student Health Services
Student Health Services is committed to ensuring that students are provided timely information and education so that they can better care for themselves. Advanced registered nurse practitioners, physicians and registered nurses provide a variety of services including initial assessment, basic medical care, gynecological services, education and health awareness programs, and referrals to specialists and other providers. Student Health Services evaluates and documents the medical and immunization records needed for registration.

The university offers all enrolled students the opportunity to purchase health insurance. Health insurance coverage is strongly recommended for all students whether offered through the university or from another source. Please call 239-590-7966 for information about health services.

Student Support Services and Outreach
239-590-7834
The Office of Student Support Services (SSS) is a Title IV, equal-opportunity program funded by the U.S. Department of Education. The SSS program at Florida Gulf Coast University is a selective program for students who are first-generation in college, low-income, and/or a student with disabilities. Student Support Services enhances the overall college experience and assists students in being successful through services at no cost to program participants. Student Support Services offers more: it is a resource that ensures our students are achieving at their highest level. SSS is a support system as well as an advocate for students. The program offers cultural exposure and field trips, academic counseling, workshops and programs to enhance the overall college experience. Its mission is to see every student not only attend the university, but also graduate and go on to post-baccalaureate studies.

Testing and Assessment

The Testing Center provides the following tests and inventories:
- CLAST (College-Level Academic Skills Test); CAT (computerized CLAST); FCELPT (Florida College Entry Level Placement Test, also known as CPT) administered through Accuplacer; FTCE (Florida Teacher Certification Exam); FTCE Computer-based test (including General Knowledge Exam); MAT (Miller Analogy computer based Test); ACT; MBTI (Myers-Briggs Type Indicator); CISS (Campbell Interest and Skills Survey); and CLEP. The Testing Center also services those students taking Distance Learning exams and correspondence exams. All testing services have an accompanying fee. Please call 590-7955 for further information.

Academic testing, career inventories, and personality assessments are available by appointment only. Career inventories and personality assessments are done upon referral from a faculty or staff member, usually through the Counseling and Psychological Services or Career Offices. Students requiring specific test accommodations (such as extended time, isolated testing room, a reader, etc.) are asked to first contact the Office of Adaptive Services at 239-590-7956, for review of required medical documentation. Medical documentation will need to be approved, then the student will be referred to the Testing Center for scheduling with recommendations for accommodations. Please allow 4-6 weeks prior to the test date for processing.

Test prep courses are available for the following graduate school entrance exams: GRE and GMAT. The GRE and GMAT review courses are twelve (12) weeks in duration and have start dates in late August and early January. Check with your program or the Graduate Admissions Office to be certain what test is accepted and what test score is required for the specific degree you are seeking.

Detailed information regarding tests, inventories, and review courses can be found through the FGCU Testing website: studentservices.fgcu.edu/testing or from the FGCU home page.
UNDERGRADUATE ADMISSION

Florida Gulf Coast University encourages applications from all qualified applicants regardless of race, sex, religion, culture, age, disability, or ethnic background. The Office of Admissions provides prospective students, parents, and other interested individuals with admission counseling, presentations, tours, and informational workshops. All credentials and documents (including transcripts and test scores) submitted during the enrollment process become the property of FGCU and will not be returned to the applicant or forwarded to another institution, agency or person. Furnishing any false or fraudulent statements or information in connection with the admission or enrollment process may result in disciplinary action, denial of admission, and invalidation of credits or degrees earned.

Admission to the University does not guarantee admission to programs designated as limited access, teacher certification, or other programs that have application criteria beyond the minimum criteria for admission to the University. Current limited access programs are nursing, athletic training, human performance, professional golf management and music. Please see program descriptions for additional admission requirements and application deadlines.

Campus Tours. Student-guided campus tours are available to all interested individuals. Tours leave from the Margaret S. Sugden Welcome Center and last about ninety minutes. Reservations must be made at least 48 hours in advance. Group tours or special requests can be accommodated. Call 239-590-7878 or toll free 1-888-889-1095 or visit www.fgcu.edu/info/campustour.asp to schedule a guided campus tour.

Applying for Admission

Applicants should check the University Web site www.fgcu.edu for the latest information regarding the application process. Applicants are encouraged to apply on-line by visiting http://enrollment.fgcu.edu/admissions/apply.htm. You may also download a “paper” application at this site. The application is available at the Welcome Center and can be requested at www.fgcu.edu/undergradinfo/ or by calling 239-590-7878 or toll free 1-888-889-1095. Applications are generally available from high school guidance counselors and community college advisors. Applicants may also apply on-line at wwwfacts.org.

Application fees for Undergraduate and Non-degree seeking students are required and non-refundable. Prospective students can pay the fee online with the use of a credit card when completing the online application, they can submit a check or money order with the paper application or separately after submitting a FACTS application, or they can pay in person at the cashier’s office. Checks can be dropped off at the Undergraduate Admissions office when the cashier’s office is not open.

The application fee is a one time payment provided the student is admitted and matriculates within one year (counted as semester of admission plus the following two semesters). If the student fails to complete the application, is denied admission or once admitted does not matriculate within this time period a new application and fee are required.

Students returning to FGCU after a period of non-enrollment (one year) either as degree seeking or non-degree seeking, FGCU alumni returning to FGCU, non-degree seeking students submitting a degree seeking application do not have to submit the application fee.

Application fees will be waived in the following situations:

- When students submit a Request for Waiver of College Application Fee from the SAT or ACT Program Fee-Waiver Service. These forms are obtained from the High School Counselors.
- For students in financial distress as evidenced by documentation received from an official government services agency, or from the University Financial aid office. Letters of request from the students high school counselors on their own will normally not be sufficient to waive the fee. All such requests are to be reviewed by the Associate Director of Admissions Operations.
- For special programs initiated by the University that are designed to help specific groups of students who would otherwise not be able to attend university. Request to waive the application fees for students in these programs should be made to the Director of Admissions well in advance of the program start.

Official transcripts and test scores, if applicable, are required of applicants seeking formal admission to FGCU. It is the applicant’s responsibility to have the required documentation forwarded to the FGCU Office of Admissions in order for the application to be processed. Transcripts and test scores, if applicable, must be submitted by the same deadline as application specified in Application Deadline section, below.

Mail all materials and fees (except the on-line application) to: Florida Gulf Coast University, Office of Admissions, 10501 FGCU Blvd South, Fort Myers, FL 33965-6565. Official test scores (ACT or SAT), a high school transcript, and transcripts of all previously attended colleges and universities should be sent to the same address.

Application Deadlines for U.S. Residents

Applicants are encouraged to apply as early as possible—up to twelve months before the requested entry date. Application deadlines are listed on the admissions website: www.fgcu.edu/admissions.asp. Applicants still enrolled in high school at the time of the application should submit a high school transcript showing at least six semesters of course work. A final high school transcript will be required following high school graduation.

For transfer students, if courses are still “In Progress” at the time of the initial application, then a final transcript showing grades for all course work and any degree conferred should be submitted as soon as possible after completing the work. Applications received after these deadlines will be processed on a space-available basis. International (non-US) students should refer to the section on International Admissions (below) for appropriate deadlines.

Early Admission and Dual Enrollment

FGCU has several full-time early admission agreements with local school boards and private high schools for students who have completed all the requirements for their junior year in high school.

In addition, the University offers dual enrollment opportunities whereby academically talented junior and senior high school students receive permission from the high school to take one or more college courses while taking the majority of coursework at the high school.

Criteria for Early Admission and Dual Enrollment:

- Demonstrated exceptional academic ability and college readiness;
- Achieved a minimum SAT score of 1100 (CR+M) or a minimum ACT score of 23 and a minimum recalculated GPA of 3.3;
• Enrolled in a strong college preparatory curriculum; and
• Approval forms signed by the high school.

Applicants must submit an application for admission, official high school transcript, and official ACT or SAT test score. In addition an FGCU Early Admission / Dual Enrollment Authorization Form must be completed by the high school, signed by the student’s parent or guardian, and submitted with the application for admission. Eligibility criteria are established by written agreement between each school district and the University and are subject to revision. Forms and information are available at the Web Site http://enrollment.fgcu.edu/admissions/early.htm and you may contact the Office of Admissions for additional information.

FGCU Collegiate High School
www.fgcu.edu/chs
Florida Gulf Coast University Collegiate High School is an early admission program for highly motivated and exceptionally qualified 11th and 12th grade high school students. This special program allows students to attend FGCU as a fulltime university student. Collegiate High School students complete high school graduation requirements while simultaneously earning college credit. For more information, visit the Collegiate High School web site at www.fgcu.edu/chs/.

Admission Criteria
Admission to the program is based on a combination of letters, recommendations, test scores, and supporting materials that attest to a student’s maturity and academic ability.

1. Designation as a rising high school junior or senior
2. Demonstrated exceptional academic ability and college readiness
3. Achieved a minimum SAT score of 1100 or a minimum ACT score of 23 and a minimum recalculated (wtd) GPA of 3.3
4. Recommendations from:
   A. prefer from high school principal or a designee
   B. prefer from teacher in area of degree interest
5. Successful interview with FGCU CHS Admissions Committee
6. Students must be enrolled in a school district or school which has a CHS agreement with FGCU

First-Time-in-College
A first-time-in-college (FTIC) student must be a graduate of an accredited high school and have completed 18 Carnegie units which are year-long courses and not remedial in nature. FGCU recalculates the student’s high school grade point average using grades in the following: 4 units of English (at least three with substantial writing); 3 units of mathematics at the level of algebra I or higher (algebra A, B is equivalent to one unit of algebra I); 3 units of natural science (at least two with a laboratory); 3 units of social science (includes history, political science, economics, psychology, and sociology); 2 units of the same sequential foreign language; and 3 academic electives. One point will be added for credits earned in Advanced Placement (AP), International Baccalaureate (IB) and Advanced International Certificate of Education (AICE) courses for grades of D or higher. One half unit will be added for honors and dual enrollment courses for grades of D or higher.

Appropriate academic and elective courses are listed in the Counseling for Future Education Handbook published by the Florida Department of Education. Initial application review is based on high school grade point average in the academic units and performance on one standardized admission test. Acceptable tests include the SAT, SAT-I, ACT, or the E-ACT.

First-time-in-college students are considered for admission to FGCU based on the following:

1) A 3.0 (recalculated) grade point average on a 4.0 scale paired with one of the standardized admission tests. Sub sections of each test must be above minimum/remedial levels. (If a student has under the minimum SAT-I or ACT score [revised SAT 440 critical reading/440 math or enhanced ACT 17 English/19 math/18 reading/16 composite] the student may be required to complete remedial-level work provided by a community college);

2) A combination of high school GPA and admission test score as indicated in the scale below based on the State University System Minimum Freshman Eligibility Index for Admission Consideration* (sub sections of each test must be above minimum/remedial levels as described above):

<table>
<thead>
<tr>
<th>GPA</th>
<th>SAT I*</th>
<th>SAT</th>
<th>E-ACT</th>
<th>ACT**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td>1140</td>
<td>1050</td>
<td>25</td>
<td>24</td>
</tr>
<tr>
<td>2.1</td>
<td>1110</td>
<td>1020</td>
<td>24</td>
<td>23</td>
</tr>
<tr>
<td>2.2</td>
<td>1090</td>
<td>990</td>
<td>24</td>
<td>22</td>
</tr>
<tr>
<td>2.3</td>
<td>1060</td>
<td>960</td>
<td>23</td>
<td>21</td>
</tr>
<tr>
<td>2.4</td>
<td>1030</td>
<td>930</td>
<td>22</td>
<td>20</td>
</tr>
<tr>
<td>2.5</td>
<td>1010</td>
<td>900</td>
<td>21</td>
<td>19</td>
</tr>
<tr>
<td>2.6</td>
<td>1000</td>
<td>890</td>
<td>21</td>
<td>19</td>
</tr>
<tr>
<td>2.7</td>
<td>990</td>
<td>880</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td>2.8</td>
<td>980</td>
<td>870</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td>2.9</td>
<td>970</td>
<td>860</td>
<td>20</td>
<td>18</td>
</tr>
</tbody>
</table>

*Re-centered SAT I (SAT taken after March 1995) Beginning March 2005 this score is the sum of the Critical Reading and Math sub-scores only.
**ACT exam prior to October 1989. For all ACT exams, this score is the composite only excluding the writing test.

A freshman applicant who meets the State University System Minimum Freshman Eligibility Index for Admission Consideration is not guaranteed admission to the University, even though everything possible will be done to admit all qualified applicants who apply by specified application deadlines. However, if the number of qualified freshman applicants exceeds the number the University can enroll, admission will be on a selective basis.

3) A student applying for admission summer/fall 2009 or later must have a High School GPA in the required academic courses equaling any entry in the GPA column, with an SAT Reasoning Test/ACT score equaling or exceeding the corresponding entry below:

<table>
<thead>
<tr>
<th>High School Grade Point Avg</th>
<th>SAT Reasoning Test (all three sections)</th>
<th>ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td>1680</td>
<td>25</td>
</tr>
<tr>
<td>2.1</td>
<td>1620</td>
<td>24</td>
</tr>
<tr>
<td>2.2</td>
<td>1620</td>
<td>24</td>
</tr>
<tr>
<td>2.3</td>
<td>1560</td>
<td>23</td>
</tr>
<tr>
<td>2.4</td>
<td>1510</td>
<td>22</td>
</tr>
<tr>
<td>2.5</td>
<td>1450</td>
<td>21</td>
</tr>
<tr>
<td>2.6</td>
<td>1450</td>
<td>21</td>
</tr>
<tr>
<td>2.7</td>
<td>1450</td>
<td>21</td>
</tr>
<tr>
<td>2.8</td>
<td>1450</td>
<td>21</td>
</tr>
<tr>
<td>2.9</td>
<td>1390</td>
<td>20</td>
</tr>
</tbody>
</table>

4) Talented Twenty. Any student ranked in the top 20% of their Florida public high school and has passed all academic units required, may be admissible to FGCU.

5) Any student applying for admission who does not meet these requirements but who may bring other important attributes or special talents to the University may be admitted if, in the judgment of the admissions appeals committee, the student can be expected to do successful academic work. For consideration, students are encouraged
Undergraduate Admission

6) Non-traditional program of study. Any applicant who completed a non-traditional high school program of study which is not measured in Carnegie Units such as home schooling or a student who presents a General Equivalency Diploma (GED) instead of a standard high school diploma may not qualify for admission based on the criteria listed above. Instead, the applicant must present a score of at least 1010 on the re-centered SAT I (critical reading + math) or a 21 composite on the E-ACT. Sub-sections of each test must be above the minimum/remedial levels as described above.

To arrange for testing, contact the University, local high schools, community colleges, or one of the following testing centers:

- American College Testing Program (ACT)
  - http://www.act.org
  - Box 168, Iowa City, Iowa 52240
  - Phone: (319) 337-1313
  - FGCU college code: #0733

- SAT College Entrance Examination Board
  - http://www.collegeboard.com
  - Box 592, Princeton, New Jersey 08541
  - Phone: (609) 771-7600
  - FGCU college code: #5221

Lower Division Transfer

Students who are lower division transfer applicants (those with fewer than 60 semester hours of transferable credit as determined by the Office of Admissions) must meet all requirements of incoming first-time-in-college applicants as described in that section. These students must also have a minimum cumulative 2.0 grade point average (on a 4.0 scale) in all previous college work and be eligible to return as a degree-seeking student in good standing (with at least a 2.0 GPA) to the last institution attended.

Upper Division Transfer

Students with at least 60 semester hours of transferable credit (as determined by the Office of Admissions) are not required to submit test scores for admission to the University but test scores may be required for admission to a specific limited access program. If the student’s grade point average is at least 2.0 on previous coursework and the applicant is in good standing at the last institution attended, the applicant is admissible to FGCU. Transfer students must submit the application to the University as well as an official transcript from every postsecondary institution attended.

Students must pass or be exempt from the College-Level Academic Skills Test (CLAST) for admission to upper level degree programs. Refer to the CLAST section of this catalog.

All applicants who completed two years of the same foreign language or two years of American Sign Language in high school must submit the high school transcript as well in order to have these credits fulfill the foreign language requirement.

Meeting Minimum Requirements

For all First Time in College, Lower Division Transfer and Upper Division Transfer students, meeting the minimum requirements does not guarantee admission to FGCU. If the number of qualified applicants exceeds the number the University can enroll based on space and fiscal limitations, admission will be on a selective basis.

Transfer with Florida AA Degree

Admission of Associate of Arts (AA) degree graduates from Florida public community colleges and state universities will be governed by the Articulation Agreement between the state universities and public community colleges of Florida, as approved by the State Board of Education. The agreement states that, except for limited access programs, admission as a junior to the upper division of the University shall be granted to any graduate of a state-approved Florida community college or State University System institution who transfers directly to FGCU, who has completed the university parallel program, and who has received the Associate of Arts degree which included all of the following:

- At least 60 semester hours of academic work exclusive of occupational courses and basic required physical education courses.
- An approved general education program of at least 36 semester hours.
- A grade point average of at least 2.0 on a 4.0 system for all college-level academic courses attempted.

Any student admitted without two years of one foreign language in high school or the equivalent (minimum 8 semester hours) of such instruction at the postsecondary level must satisfy the admission requirement prior to graduation.

Florida Community College or state university Associate of Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State Board of Education Rule 6A-10.024):

- Admission to one of the ten state universities, except to “limited access” programs (programs that have additional admission requirements).
- Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree.
- Transfer of equivalent courses under the Statewide Course Numbering System.
- Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission, AICE, and IB).
- No additional general education core requirements.

Transfer students must submit an application for admission to the University and official transcripts from every postsecondary institution attended.

Student Tuition Waivers

The Office of Admissions is charged with the responsibility of administering the Tuition Waiver Program. Florida Gulf Coast University uses state-granted budget authority to establish programs to waive all or part of the tuition for certain types of students. Waivers are awarded based on the University’s established key selection criteria of recruitment, retention, diversity and service. Students awarded waivers will possess academic talent or other traits that would serve to diversify and enhance the environment of the University community. Additional information and applications for these programs may be obtained at the www.enrollment.fgcu.edu/admissions/Waiver.htm.

Former Student Returning

A former student returning is any former FGCU degree-seeking undergraduate student who has not earned a degree, who has not been enrolled at FGCU in any of the last three terms, and who wishes to re-enroll. The former student submits a new admission application by the appropriate application deadline. A new application fee is not required. To be re-admitted, a student must (a) be in good standing and eligible to return to the last institution attended, including FGCU; and (b) have achieved a grade point average of at least 2.0 on a 4.0 program.
scale on all college-level academic courses attempted.

International Student Admission
FGCU is authorized under Federal law to enroll non-immigrant students. Applicants are classified as international if they are not United States citizens, dual citizens, or permanent residents, and if they are applying for an F-1 student visa or a J-1 Exchange Visitor visa (Exchange visitors are classified as either scholar or student). International students must meet admission criteria for the program to which they apply, as well as the following:

• International students must have all credentials and admission information submitted to the Office of Admissions prior to the published deadline for international students.
• Josef Silny & Associates, Incorporated, World Education Services, or AACRAO must evaluate credit from institutions outside the U.S. A course-by-course evaluation is required. The applicant pays for this service and contacts the evaluating agency directly.
• International students currently attending any institution in the United States must submit a visa clearance form from their current school designating Florida Gulf Coast University as their transfer institution and confirming their status as an F-1 visa holder.
• Applicants must demonstrate English proficiency in accordance with University policy, and will be required to submit acceptable TOEFL (Test of English as a Foreign Language) scores unless the country of origin uses English as the official language. A minimum score of 213 is required on the computerized TOEFL, 79 on the internet-based TOEFL, and 550 on the paper-based TOEFL. Some programs, including the MS in Health Science, require a TOEFL score greater than the minimum (see program requirements). With the approval of the Director of Admissions and the appropriate dean, applicants may furnish satisfactory evidence of English competency in lieu of the TOEFL. Examples of satisfactory evidence include, but are not limited to, completion of the IELTS (International English Language Testing System, www.IELTS.org) with a minimum score of 6.5, completion of ENC 1101 and ENC 1102 (or equivalent) with a grade of C or higher; and/or receipt of an Associate of Arts (AA) degree from a Florida public institution. For information on the TOEFL, contact TOEFL, Educational Testing Service, Princeton, NJ 08541, USA. (http://www.toefl.org). The University’s institutional code for the transmittal of the TOEFL is #5125.
• The applicant must file a Confidential Financial Statement confirming availability of specific funds to finance the first year of study before the University issues the appropriate forms for obtaining a visa. Financial statements cannot be dated more than six months prior to the intended term of admission.
• The J-1 student’s Confidential Financial Statement must document that the student is directly or indirectly financed by the US government, the government of their home country, an international organization of which the US is a member (by treaty or statute) or if they are substantially supported by funding from any source other than personal or family funds.

Prior to registering for classes, admitted students must submit proof of health and accident insurance to meet mandatory requirements. The University reserves the right to refuse registration to any international student who fails to comply with this insurance requirement or is unable to supply satisfactory proof of insurance. The University also reserves the right to withdraw from classes any international student who fails to maintain insurance coverage or avoids in any way the responsibility to comply with the insurance requirement.

International students are subject to the same University policies and procedures that apply to all students, such as admission, enrollment, immunization, etc. Additionally, international students must comply with all U.S. Immigration regulations, which may determine the student’s eligibility for enrollment, residency status, limitations on credit hours or semesters of study, and length of presence in the U.S.

Academic Amnesty
An undergraduate student may petition the Admissions Appeals Committee to declare academic amnesty. Under this policy, all college-level work (grades and credit) that is at least five calendar years old will be disregarded for admission decisions to the University. When filing for academic amnesty, students follow the regular transfer admission procedures. The application must include a written request for academic amnesty, a statement detailing why amnesty is requested, and documentation supporting the request. Students may not petition for academic amnesty after being accepted to the University.

If academic amnesty is approved for a former FGCU student, that student’s grade point average will be re-calculated based solely on coursework taken after amnesty is granted. Former FGCU students should note that all previous coursework completed at FGCU or accepted as transfer credit by FGCU before amnesty is granted, will appear on a student’s official academic transcript, but will not count towards degree completion.

Transfer students who have been granted amnesty should note that FGCU would retain a permanent record of all previous college-level work. However, the information will not be entered on the official transcript, will not be used in calculating the grade point average, and will not be considered when certifying completion of degree requirements. A statement will appear on the official transcript indicating that amnesty has been applied.

Students with Disabilities
A student who is requesting special consideration for admission due to a disability must provide appropriate documentation (less than three years old) that supports the ability to succeed at the university level. The Admissions Appeals Committee will review this petition for admission. The admission decision will be made on an individual basis from documentation provided by the student. If an admission test score is required for the specific category of undergraduate admission, the test score will not be waived.

Appealing Admission Decisions
Applicants receiving an admissions denial in the mail may appeal the decision to the Admissions Appeal Committee by sending a written request to their admissions officer. Applicants who do not meet the minimum admission standards or who have been denied admission may submit an appeal along with the admission application or make an appeal after the initial denial.

Applicants should submit letters of recommendation, additional test scores, or personal statements/essays. These documents will be helpful to the Admissions Appeals Committee as exceptions to admission criteria are considered. If an applicant is a Florida resident and was denied admission to an undergraduate program only because the minimum high school grade point average requirement was not met, he/she may request that his/her high school grade point average be recalculated using up to three credits of state approved electives. If students are admitted to the University yet denied admission to a limited access program, an appeal should be
made to the specific program appeals committee.

**Deferring Admission**

Students who do not enroll the semester they have been admitted may defer admission to a future semester by writing to the Office of Admissions and submitting a request for deferral of admissions form. Admission in the new term is not automatic, and an applicant requesting a new entry date must meet the admission requirements in effect for the new term. Entry dates for some programs are limited to specified terms. If a student attends another collegiate institution in the interim, an official transcript of all work attempted is required. A new application and deferral fee are required when deferring admission to a term beginning more than two semesters after the original admission term.

**Transfer of Coursework**

The Office of Admissions is responsible for receiving and evaluating transfer credit. The office evaluates the acceptability of total credits transferable to FGCU and identifies total credits accepted at the lower division (1000 and 2000 level courses). The college of the student’s major assigns equivalent upper division (3000 and 4000 level) courses and graduate (5000 and 6000 level) courses in determining which courses are applicable toward specific degrees. The University reserves the right to evaluate transfer courses on an individual basis. Age and concordance of content to current requirements may be factors in determining course transfer and acceptance toward degrees; individual colleges and programs have the authority to establish age standards for acceptance of transfer courses.

FGCU evaluates transfer coursework taken at another college or university, if that institution is accredited, or in candidacy for accreditation, by one of the following regional accrediting associations:

- New England Association of Schools and Colleges, Inc./Commission on Institutions of Higher Education
- Middle States Association of Colleges and Secondary Schools
- North Central Association of Colleges and Schools
- Northwest Association of Schools and Colleges
- Southern Association of Colleges and Schools/Commission on Colleges
- Western Association of Schools and Colleges/Accrediting Commission for Senior Colleges and Universities and Accrediting Commission for Community and Junior Colleges.

General guidelines for awarding transfer credit:

- Credit is not given for technical, vocational, physical education, or pre-college courses, or for courses completed below a grade of D.
- Credit by departmental examination from another institution will be evaluated on a case-by-case basis. Credits awarded by another institution solely on the basis of SAT or ACT scores will not be accepted by FGCU.
- Courses with a transfer grade of C- or below may not be used toward completion of Gordon Rule requirements (FAC 6A-10.030).
- An equivalent FGCU course number will be entered on the student’s official academic transcript.
- Transfer credits will not be computed into a student’s FGCU grade point average.
- Accreditation status and evaluation of credits from an institution outside of the United States must be made by either Josef Silny & Associates, Inc., World Education Services, Inc., or AACRAO with associated costs to be paid by the student. Students may obtain information on these services from the Office of Admissions.
- All transfer credit evaluations are completed after admission to the University and prior to the student’s orientation. Only official transcripts will be articulated.
- Transfer students from non-regionally accredited Florida institutions that follow the state common course numbering system may have a limited number of courses articulated. Contact the Office of Admissions for details.
- Transfer credit from an institution based on the quarter system will be converted to the semester system by multiplying the credit by a factor of .67.

**Second Baccalaureate Degree**

Graduates from regionally accredited four-year U.S. institutions may apply for admission to work toward a second undergraduate degree. The first baccalaureate degree satisfies the general education and Gordon Rule requirements and provides exemption from the foreign language requirement for admission. Second baccalaureate degree applicants should submit all transcripts and an undergraduate application for acceptance into the University. Admission test scores are not required by the University, but may be required by a limited access program. Admission to a limited access program is not guaranteed.

**Foreign Language Admission Requirement**

All admitted undergraduate students must satisfy the statewide foreign language admission requirement or meet exemption criteria. Applicants whose native language is not English must also satisfy this requirement, but may do so with appropriate course work in their native language.

First-time-in-college students and lower level transfer students must complete 8 semester hours of the same foreign language or American Sign Language at the collegiate level or complete two sequential units of the same foreign language in high school. Lower level students, except those exempt from the foreign language requirement, must satisfy the foreign language requirement prior to admission to the upper division.

Upper division transfer students, including AA degree holders from Florida public community colleges or SUS institutions who do not have 8 semester hours of the same foreign language or American Sign Language at the collegiate level or who have not completed two sequential units of the same foreign language in high school must satisfy the foreign language requirement prior to graduation from FGCU, unless exempt from the requirement. Some limited access programs require that the foreign language admission criteria be met before admission to the program is secured. See program descriptions for this specific information.

Exemption criteria. A student may be exempt from the state university foreign language requirement if one of the following criteria is met:

- Received an Associate of Arts degree from a Florida public community college prior to September 1, 1989; or
- Enrolled in an Associate of Arts program at Florida public community colleges prior to August 1989 and maintained continuous enrollment until admission to and enrollment in FGCU; or
- Has a baccalaureate degree from a regionally accredited college or university; or
- Can demonstrate equivalent foreign language competence through credit awarded on the basis of scores on the foreign language subject matter examinations in the College Level Examination Program (CLEP), which must be equivalent to 8 semester hours of college-level work. Acceptable scores for awarding CLEP credit can be found in the Transferring Credit section of this catalog. A
minimum score of 443 on the MAPS College Board Latin examination to demonstrate proficiency in a foreign language is also acceptable.

Degree Acceleration Programs
College credits earned by high school or college students on the basis of the College Board’s Advanced Placement Program (AP), College Level Examination Program (CLEP), Advanced International Certificate of Education Program (AICE), or the International Baccalaureate Program (IB) will be accepted. Credit received from one exam program may not be duplicated by another, nor duplicated through dual enrollment credit. A maximum of 45 semester hours of AP, CLEP, AICE, IB, correspondence, and military service education credits can be applied toward a degree. For students with more than 45 applicable credits, AP, AICE and IB credits will be transferred before evaluating other credits. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.

Advanced Placement Program (AP). Students must submit an official Advanced Placement transcript from The College Board as evidence of completion of a college-level course taken in high school. If the examination results meet the requirements listed in the table that follows, the student may be given University credit. The courses listed indicate the FGCU course equivalency that will appear on the student’s FGCU transcript. AP equivalency will count toward Gordon Rule requirements if the equivalent course fulfills the Gordon Rule requirement. AP credit will appear on the student’s permanent record. See the table at the end of this section.

College Level Examination Program (CLEP). Students must submit an official transcript from The College Board for scores to be considered for credit. CLEP examination scores must meet the minimum standards established by the State University System and FGCU. CLEP credit will appear on the student’s permanent record. CLEP writing and mathematics credit will count toward Gordon Rule requirements if the equivalent FGCU course fulfills the Gordon Rule requirement. CLEP credit does not factor into the GPA because a grade is not associated with CLEP credit. However, CLEP credit awarded for ENC 1101 (English Composition I) and for math courses is considered as a grade of "C" for the purpose of CLAST exemption. The requirements for receiving credit by CLEP examination are listed in the table at the end of this section.

International Baccalaureate Program (IB). Students will be awarded up to 30 semester hours of credit in FGCU courses for scores of four (4) or higher on IB exams, in accordance with the equivalency table (page 36). (FAC 6A-10.024) An IB equivalency will count toward Gordon Rule requirements if the equivalent course fulfills the Gordon Rule requirement. See the table at the end of this section.

Advanced International Certificate of Education Program (AICE). Like the International Baccalaureate program, the AICE program is an international curriculum and examination program modeled on the British pre-college curriculum and “A-Level” exams. For more information on AICE, visit www.cie.org.uk and click on “Qualifications and Awards”.

Military Service. Official credentials from military service schools will be evaluated on the basis of American Council on Education (ACE) recommendations. Credit may be granted when courses are equivalent to those offered by FGCU; however, recommendations by the ACE are not binding upon the University.

Credit by Examination. FGCU colleges and departments may offer examinations for academic credit to undergraduate students upon request. Interested students should consult with the colleges or departments concerning the availability of examinations.

Articulation Agreements. Articulation agreements between FGCU and several Florida public community colleges allow students with Associate of Science (AS) degrees in some areas to enter FGCU with upper level status. Contact college advisors for additional information.

Immunization Requirement
As a prerequisite to registration as a degree-seeking or non-degree-seeking student, the State University System of Florida requires all students born after December 31, 1956, to present documented proof of immunity to measles (Rubella) and Rubella. Prior to initial registration, each student must submit a completed FGCU Immunization History Form to Student Health Services. Students are strongly urged to complete this requirement before attending Orientation.

The following are acceptable proofs of immunization:
- Proof of two vaccinations (doses) of measles received at least 28 days apart and one vaccination of rubella, after 12 months of age. Measles vaccinations must have been received in 1968 or later and Rubella vaccination in 1969 or later; or
- Proof of immunity by way of a blood test result (titer); or
- A written, dated statement signed by a qualified health care provider on office letterhead that specifies the date seen and states that the student has had an illness for three days or more with a rash, fever of 101 degrees or greater, cough and conjunctivitis, and is considered to have had the Rubella (measles) disease.

Questions about acceptable proof, exemptions, or temporary deferments may be directed to Student Health Services, 239-590-7966 or fax 239-590-7968.

Additional immunizations or medical tests may be required for students in certain majors. Students residing in University Housing are required to present proof of immunity to Hepatitis-B and Meningitis or sign a waiver form. Please review the information and forms available at the Health Services web site at http://studentservices.fgcu.edu/HealthServices/Immunizations.htm.

Non-Degree-Seeking Enrollment
Non-degree-seeking enrollment allows a student to enroll in selected courses on a space available basis and has been established for those individuals who do not have an immediate intention to pursue a degree program. Successful completion of courses while in this classification does not provide a basis for regular admission at a later date. Students seeking graduate courses on a non-degree-seeking basis are considered Post-Baccalaureate (Post-Bac) and should reference the Graduate Admission section of this catalog.

Students enrolling in this classification are subject to the following regulations:
- Non-degree seeking students are subject to the same rules and regulations as degree seeking students.
- International students may not enroll as non-degree seeking students due to federal regulations.
- Non-degree seeking students are not eligible to receive financial aid.
- Non-degree seeking students are not eligible to stay in University housing or to receive University honors.
- A degree seeking student denied admission to FGCU may not subsequently enroll as a non-degree seeking student.
This restriction will be waived if the student subsequent to the denial from FGCU has completed a degree program or has been a student in good academic standing at another postsecondary institution. Official transcripts will be required in these cases.

- A non-degree seeking student dismissed from the University will not be eligible for admission as a degree seeking student.
- A non-degree-seeking student is limited to 15 credit hours of undergraduate coursework. In special circumstances, a college may waive this restriction.
- Hours taken at FGCU as a non-degree-seeking student cannot be used to meet the 60 transferable hours required for admission as an upper division student.
- A non-degree seeking student must be in good academic standing at his/her previous institution (including FGCU) and eligible to return.
- Registration for classes is on a space-available basis; subject to any required course pre-requisites and other restrictions as determined by the applicable College or Program.
- Registration is in accordance with the deadlines posted on the academic calendar.
- First time in college students will not be allowed to enroll in a non-degree seeking status.

Application Procedure:
- Non-degree-seeking students must complete a Non-Degree Application. There is a non-refundable application fee of $30 for first-time applicants. Non-degree-seeking students must have proof of immunization (see immunization requirements, above) and complete the residency affidavit.
- Transient students from other State of Florida public universities (SUS institutions) should NOT complete a Florida Gulf Coast University Non-Degree Application, but should follow the directions under “Transient Student” in the “Registration and Records” section of this catalog. All other transient students should complete a Non-Degree application before attempting registration.
- Students enrolling with Senior Citizen Tuition Waivers, likewise, should not complete the standard Non-Degree application, but should instead complete the Senior Citizen Non-Degree application and Senior Citizen Fee Waiver form available in the Office of The Registrar.

Teacher Certification:
Students with undergraduate degrees (Post-Baccalaureate) who are returning to gain teacher certification and educators seeking re-certification may enroll in undergraduate or graduate College of Education courses as well as courses in other colleges on a non-degree, space-available basis, and when course pre-requisites are met. There is no limit to the number of credits students may earn in this category however, the College of Education limits to 12 the number of credits earned while non-degree-seeking which can be applied toward a graduate degree. Furthermore, some programs within the College of Education limit to 12 the total hours a non-degree-seeking student may take for any purpose. Please see program advisors for details. Refer to the Graduate Admission section for details on applying as a Post-Baccalaureate Student and to the College Of Education section for more details on teacher certification.
<table>
<thead>
<tr>
<th>Advanced Placement (AP) Examination</th>
<th>Course/area for which credit can be assigned at FGCU (credit awarded is in parenthesis)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>With Qualifying Score of: 3  4  5</td>
</tr>
<tr>
<td>Art History</td>
<td>ARH 2051(3)  ARH 2050(3), 2051(3)  ARH 2050(3), 2051(3)</td>
</tr>
<tr>
<td>Studio Art (Drawing Portfolio)</td>
<td>ART 1300(3)  ART 1300(3)  ART 1300(3), 1301(3)</td>
</tr>
<tr>
<td>Studio Art (2D Design)</td>
<td>ART 1201(3)  ART 1201(3)  ART 1201(3)</td>
</tr>
<tr>
<td>Studio Art (3D Design)</td>
<td>ART 1203(3)  ART 1203(3)  ART 1203(3)</td>
</tr>
<tr>
<td>Biology</td>
<td>BSC 1010C(4)  BSC 1010C(4)  BSC 1010C(4), 1011C(4)</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>MAC 2311(4)  MAC 2311(4)  MAC 2311(4)</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MAC 2311(4)  MAC 2311(4), 2312(4)  MAC 2311(4), 2312(4)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1045C(4)  CHM 1045C(4)  CHM 1045C(4), 1046C(4)</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>COP 1500(3)  COP 1500(3)  COP 1500(3)</td>
</tr>
<tr>
<td>Computer Science AB</td>
<td>COP 1500(3)  COP 1500(3)  COP 1500(3)</td>
</tr>
<tr>
<td>English Language &amp; Composition</td>
<td>ENC 1101(3)  ENC 1101(3), 1102(3)  ENC 1101(3), 1102(3)</td>
</tr>
<tr>
<td>English Literature &amp; Composition</td>
<td>ENC 1101(3)  ENC 1101(3), LIT 2110(3)  ENC 1101(3), LIT 2110(3)</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>BSC 1051C(3)  BSC 1051C(3)  BSC 1051C(3)</td>
</tr>
<tr>
<td>French Language</td>
<td>FRE 1120, 1120L(4)  FRE 1120, 1120L(4) &amp; 1121, 1121L(4)  FRE 1120, 1120L(4) &amp; 1121, 1121L(4)</td>
</tr>
<tr>
<td>French Literature</td>
<td>GEE 1xxx(3)  GEE 1xxx(6)  GEE 1xxx(6)</td>
</tr>
<tr>
<td>German Language</td>
<td>GER 1120, 1120L(4)  GER 1120, 1120L(4) &amp; 1121, 1121L(4)  GER 1120, 1120L(4) &amp; 1121, 1121L(4)</td>
</tr>
<tr>
<td>Government &amp; Politics, U.S.</td>
<td>POS 2041(3)  POS 2041(3)  POS 2041(3)</td>
</tr>
<tr>
<td>Government &amp; Politics, Comparative</td>
<td>CPO 3002(3)  CPO 3002(3)  CPO 3002(3)</td>
</tr>
<tr>
<td>History, European</td>
<td>EUH 1000(3)  EUH 1000(3), 1001(3)  EUH 1000(3), 1001(3)</td>
</tr>
<tr>
<td>History, United States</td>
<td>AMH 2010(3)  AMH 2010(3), 2020(3)  AMH 2010(3), 2020(3)</td>
</tr>
<tr>
<td>Human Geography</td>
<td>GEA 2000(3)  GEA 2000(3)  GEA 2000(3)</td>
</tr>
<tr>
<td>Latin (Catullus-Horace)</td>
<td>GEE 1xxx(3)  GEE 1xxx(3)  GEE 1xxx(3)</td>
</tr>
<tr>
<td>Latin (Vergil)</td>
<td>GEE 1xxx(3)  GEE 1xxx(3)  GEE 1xxx(3)</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>ECO 2013(3)  ECO 2013(3)  ECO 2013(3)</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>ECO 2023(3)  ECO 2023(3)  ECO 2023(3)</td>
</tr>
<tr>
<td>Music Theory</td>
<td>MUT 1001(3)  MUT 1001(3)  MUT 1111(3) &amp; 1241(3)</td>
</tr>
<tr>
<td>Physics B</td>
<td>PHY 2053C(4)  PHY 2053C(4), 2054C(4)  PHY 2053C(4), 2054C(4)</td>
</tr>
<tr>
<td>Physics C- Mechanics</td>
<td>PHY 2053C(4)  PHY 2048C(4)  PHY 2048C(4)</td>
</tr>
<tr>
<td>Physics C-E&amp;M</td>
<td>PHY 2054C(4)  PHY 2049C(4)  PHY 2049C(4)</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 2012(3)  PSY 2012(3)  PSY 2012(3)</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>SPN 2200(3)  SPN 2200(3), 2201(3)  SPN 2200(3), 2201(3)</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>SPW 3030(3)  SPW 3030(3), SPT 3130(3)  SPW 3030(3), SPT 3130(3)</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023(3)  STA 2023(3)  STA 2023(3)</td>
</tr>
<tr>
<td>World History</td>
<td>WOH 1023(3)  WOH 1023(3)  WOH 1023(3)</td>
</tr>
</tbody>
</table>

Note: Credit hours are in parentheses. FGCU will award university credit in accordance with state guidelines for exam scores in subject areas not on this list. Such exam scores may also earn credit for specific FGCU courses. These will be evaluated on a case by case basis. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.
<table>
<thead>
<tr>
<th>IB Course</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Math</td>
<td>MAC 2311 (4)</td>
<td>MAC 2311 (4)</td>
<td>MAC 2311 (4)</td>
<td>MAC 2311 (4)</td>
</tr>
<tr>
<td></td>
<td>MAC 2312 (4)</td>
<td>MAC 2312 (4)</td>
<td>MAC 2312 (4)</td>
<td>MAC 2312 (4)</td>
</tr>
<tr>
<td>Art/Design</td>
<td>ART 1201 (3)</td>
<td>ART 1201 (3)</td>
<td>ART 1201 (3)</td>
<td>ART 1201 (3)</td>
</tr>
<tr>
<td></td>
<td>ART 1300 (3)</td>
<td>ART 1300 (3)</td>
<td>ART 1300 (3)</td>
<td>ART 1300 (3)</td>
</tr>
<tr>
<td>Biology</td>
<td>BSC 1010C (3)</td>
<td>BSC 1010C (4)</td>
<td>BSC 1010C (4)</td>
<td>BSC 1010C (4)</td>
</tr>
<tr>
<td></td>
<td>BSC 1011C (4)</td>
<td>BSC 1011C (4)</td>
<td>BSC 1011C (4)</td>
<td>BSC 1011C (4)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1xxx (3)</td>
<td>CHM 1045C (4)</td>
<td>CHM 1045C (4)</td>
<td>CHM 1045C (4)</td>
</tr>
<tr>
<td></td>
<td>CHM 1xxx (2)</td>
<td>CHM 1xxx (2)</td>
<td>CHM 1xxx (2)</td>
<td>CHM 1xxx (2)</td>
</tr>
<tr>
<td>Economics</td>
<td>ECO 1xxx (3)</td>
<td>ECO 2013 (3)</td>
<td>ECO 2013 (3)</td>
<td>ECO 2013 (3)</td>
</tr>
<tr>
<td></td>
<td>ECO 2023 (3)</td>
<td>ECO 2023 (3)</td>
<td>ECO 2023 (3)</td>
<td>ECO 2023 (3)</td>
</tr>
<tr>
<td>English A</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3)</td>
</tr>
<tr>
<td></td>
<td>ENC 1102 (3)</td>
<td>ENC 1102 (3)</td>
<td>ENC 1102 (3)</td>
<td>ENC 1102 (3)</td>
</tr>
<tr>
<td>Environ. Systems</td>
<td>BSC 1051C (3)</td>
<td>BSC 1051C (3)</td>
<td>BSC 1051C (3)</td>
<td>BSC 1051C (3)</td>
</tr>
<tr>
<td></td>
<td>BSC 1xxx (3)</td>
<td>BSC 1xxx (3)</td>
<td>BSC 1xxx (3)</td>
<td>BSC 1xxx (3)</td>
</tr>
<tr>
<td>French B*</td>
<td>FRE 1121, 1121L (4)</td>
<td>FRE 1121, 1121L (4)</td>
<td>FRE 1121, 1121L (4)</td>
<td>FRE 1121, 1121L (4)</td>
</tr>
<tr>
<td></td>
<td>FRE 1xxx (2)</td>
<td>FRE 1xxx (2)</td>
<td>FRE 1xxx (2)</td>
<td>FRE 1xxx (2)</td>
</tr>
<tr>
<td>German B*</td>
<td>GER 1101, 1101L (4)</td>
<td>GER 1101, 1101L (4)</td>
<td>GER 1101, 1101L (4)</td>
<td>GER 1101, 1101L (4)</td>
</tr>
<tr>
<td></td>
<td>GER 1xxx (2)</td>
<td>GER 1xxx (2)</td>
<td>GER 1xxx (2)</td>
<td>GER 1xxx (2)</td>
</tr>
<tr>
<td>History</td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
</tr>
<tr>
<td></td>
<td>WOH 1023 (3)</td>
<td>WOH 1023 (3)</td>
<td>WOH 1023 (3)</td>
<td>WOH 1023 (3)</td>
</tr>
<tr>
<td>History of Americas</td>
<td>AMH 2010 (3)</td>
<td>AMH 2010 (3)</td>
<td>AMH 2010 (3)</td>
<td>AMH 2010 (3)</td>
</tr>
<tr>
<td></td>
<td>AMH 2020 (3)</td>
<td>AMH 2020 (3)</td>
<td>AMH 2020 (3)</td>
<td>AMH 2020 (3)</td>
</tr>
<tr>
<td>History of Europe</td>
<td>EUH 2011 (3)</td>
<td>EUH 2011 (3)</td>
<td>EUH 2011 (3)</td>
<td>EUH 2011 (3)</td>
</tr>
<tr>
<td></td>
<td>EUH 2031 (3)</td>
<td>EUH 2031 (3)</td>
<td>EUH 2031 (3)</td>
<td>EUH 2031 (3)</td>
</tr>
<tr>
<td>Math Methods</td>
<td>MAC 1105 (3)</td>
<td>MAC 1105 (3)</td>
<td>MAC 1105 (3)</td>
<td>MAC 1105 (3)</td>
</tr>
<tr>
<td></td>
<td>MAC 2233 (3)</td>
<td>MAC 2233 (3)</td>
<td>MAC 2233 (3)</td>
<td>MAC 2233 (3)</td>
</tr>
<tr>
<td>Math Studies</td>
<td>MAT 1033 (3)</td>
<td>MAT 1033 (3)</td>
<td>MAT 1033 (3)</td>
<td>MAT 1033 (3)</td>
</tr>
<tr>
<td></td>
<td>MGF 1106 (3)</td>
<td>MGF 1106 (3)</td>
<td>MGF 1106 (3)</td>
<td>MGF 1106 (3)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MAC 1147 (4)</td>
<td>MAC 1147 (4)</td>
<td>MAC 2311 (4)</td>
<td>MAC 2311 (4)</td>
</tr>
<tr>
<td></td>
<td>MAC 2233 (3)</td>
<td>MAC 2233 (3)</td>
<td>MAC 2233 (3)</td>
<td>MAC 2233 (3)</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 2053C (4)</td>
<td>PHY 2053C (4)</td>
<td>PHY 2053C (4)</td>
<td>PHY 2053C (4)</td>
</tr>
<tr>
<td></td>
<td>PHY 2054C (4)</td>
<td>PHY 2054C (4)</td>
<td>PHY 2054C (4)</td>
<td>PHY 2054C (4)</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 2012 (3)</td>
<td>PSY 2012 (3)</td>
<td>PSY 2012 (3)</td>
<td>PSY 2012 (3)</td>
</tr>
<tr>
<td></td>
<td>PSY 1xxx (3)</td>
<td>PSY 1xxx (3)</td>
<td>PSY 1xxx (3)</td>
<td>PSY 1xxx (3)</td>
</tr>
<tr>
<td>Social Anthropology</td>
<td>ANT 2410 (3)</td>
<td>ANT 2410 (3)</td>
<td>ANT 2410 (3)</td>
<td>ANT 2410 (3)</td>
</tr>
<tr>
<td></td>
<td>ANT 1xxx (3)</td>
<td>ANT 1xxx (3)</td>
<td>ANT 1xxx (3)</td>
<td>ANT 1xxx (3)</td>
</tr>
<tr>
<td>Spanish B*</td>
<td>SPN 1121, 1121L (4)</td>
<td>SPN 1121, 1121L (4)</td>
<td>SPN 1121, 1121L (4)</td>
<td>SPN 1121, 1121L (4)</td>
</tr>
<tr>
<td></td>
<td>SPN 2200 (3)</td>
<td>SPN 2200 (3)</td>
<td>SPN 2200 (3)</td>
<td>SPN 2200 (3)</td>
</tr>
</tbody>
</table>

* Students with a score of 4 or higher in any Language B exam are considered to have completed the foreign language requirement. Students may qualify for additional placement into higher-level language courses than are indicated here; consult the program leader for details.

Note: Credit hours are in parentheses. FGCU will award university credit in accordance with state guidelines for exam scores in subject areas not on this list. Such exam scores may also earn credit for specific FGCU courses. These will be evaluated on a case by case basis. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.
<table>
<thead>
<tr>
<th>CLEP Subject Examination</th>
<th>Course/area for which credit can be assigned at FGCU (credit awarded is in parenthesis)</th>
<th>Qualifying score</th>
<th>Maximum credit awarded at FGCU</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Composition and Literature</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Literature</td>
<td>AML 2010 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Analyzing and Interpreting Literature</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition with Essay</td>
<td>ENC 1101 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>English Literature</td>
<td>ENL 2012 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Freshman College Composition</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>HUM 2510 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td><strong>Foreign Languages</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>French Language</td>
<td>FRE 1120 &amp; 1120L (4)</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>FRE 1120 &amp; 1120L (4) &amp; FRE 1121, 1121L (4)</td>
<td>59</td>
<td>8</td>
</tr>
<tr>
<td>German Language</td>
<td>GER 1120 &amp; 1120L (4)</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>GER 1120 &amp; 1120L (4) &amp; GER 1121 &amp; 1121L (4)</td>
<td>63</td>
<td>8</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>SPN 1120 &amp; 1120L (4)</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>SPN 1120 &amp; 1120L (4) &amp; SPN 1121, 1121L (4)</td>
<td>63</td>
<td>8</td>
</tr>
<tr>
<td><strong>History and Social Sciences</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Government</td>
<td>POS 2041 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>History of U.S. I</td>
<td>AMH 2010 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Early Colonization to 1877</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>History of U.S. II: 1865 to Present</td>
<td>AMH 2020 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Human Growth and Development</td>
<td>DEP 2004 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Educational Psychology</td>
<td>EDF 3122</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Macroeconomics</td>
<td>ECO 2013 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>ECO 2023 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Introductory Psychology</td>
<td>PSY 2012 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Introductory Sociology</td>
<td>SYG 2000 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Western Civilization I:</td>
<td>EUH 1000 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Ancient Near East to 1648</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Civilization II:</td>
<td>EUH 1001(3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>1648 to the Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Discontinued examinations</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American History</td>
<td>AMH 2010 (3), 2020 (3)</td>
<td>49</td>
<td>6</td>
</tr>
<tr>
<td>Afro-American History</td>
<td>AMH 3571 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>PSY 2012 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>History of American Education</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introductory Economics</td>
<td>ECO 2013 (3), 2023 (3)</td>
<td>48</td>
<td>6</td>
</tr>
<tr>
<td>Introductory MACRO Economics</td>
<td>ECO 2013 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Introductory MICRO Economics</td>
<td>ECO 2023 (3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Introductory MACRO and</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MICRO Economics</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Science and Mathematics

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Exam Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>BSC 1010C</td>
<td>(4)</td>
<td>50</td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2233</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1045</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>College Algebra</td>
<td>MAC 1105</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>College Mathematics</td>
<td>MGF 1107</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Precalculus</td>
<td>MAC 1xxx</td>
<td>(3)</td>
<td>50</td>
</tr>
</tbody>
</table>

### Discontinued Examinations**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Exam Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus with Analytical Geometry</td>
<td>MAC 2311</td>
<td>(4)</td>
<td>49</td>
</tr>
<tr>
<td>Clinical Chemistry</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Algebra-Trigonometry</td>
<td>MAC 1147</td>
<td>(4)</td>
<td>50</td>
</tr>
<tr>
<td>Geology</td>
<td>GLY 1010C</td>
<td>(4)</td>
<td>49</td>
</tr>
<tr>
<td>Hematology</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohematology</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introductory Calculus</td>
<td>MAC 2311</td>
<td>(4)</td>
<td>48</td>
</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>(3)</td>
<td>49</td>
</tr>
<tr>
<td>Statistics</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tests and Measurements</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trigonometry</td>
<td>MAC 2157</td>
<td>(3)</td>
<td>50</td>
</tr>
</tbody>
</table>

## Business

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Exam Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Accounting</td>
<td>ACG 2021</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Introductory Business Law</td>
<td>BUL 3130</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Information Systems and</td>
<td>CGS 1100</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Computer Applications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principles of Management</td>
<td>MAN 3025</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>MAR 3023</td>
<td>(3)</td>
<td>50</td>
</tr>
</tbody>
</table>

### Discontinued Examinations**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Exam Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computers and Data Processing</td>
<td>CGS 1100</td>
<td>(3)</td>
<td>49</td>
</tr>
<tr>
<td>Elementary Computer Programming-FORTRAN IV</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introduction to Management</td>
<td>MAN 3025</td>
<td>(3)</td>
<td>49</td>
</tr>
<tr>
<td>Introductory Marketing</td>
<td>MAN 3023</td>
<td>(3)</td>
<td>50</td>
</tr>
<tr>
<td>Money and Banking</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>ACG 2021</td>
<td>(3)</td>
<td>50</td>
</tr>
</tbody>
</table>

* For computer-based exam. Contact admissions office for qualifying score on paper and pencil exam.

** Test discontinued(scores still accepted).

Note: Credit hours are in parentheses. FGCU will award university credit in accordance with state guidelines for exam scores in subject areas not on this list. Such exam scores may also earn credit for specific FGCU courses. These will be evaluated on a case by case basis. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.
GRADUATE ADMISSION

The Office of Graduate Studies is housed in Howard Hall, room 111. All students applying for graduate admissions, for post baccalaureate certificate programs, or as non-degree seeking graduate students must submit their materials to the Office of Graduate Studies, regardless of their program of interest. Graduate Studies processes applications, checks them for completeness, and then forwards materials to the program. Decisions concerning admission are made by the programs. Prospective graduate students are encouraged to contact the graduate program coordinators, within the respective colleges, for details concerning admission’s selection criteria. For inquiries concerning application requirements, please contact Graduate Studies.

The Office of Graduate Studies maintains its mission and purpose to provide accurate and current information to prospective students and the University community regarding graduate programs and the application process for graduate studies; to facilitate the effective and efficient processing of graduate applications; and to provide open communication between colleges/programs and graduate admissions. We strive to be a student-centered team, committed to quality customer service and continuous improvement.

Florida Gulf Coast University encourages applications from all qualified prospective students regardless of race, sex, religion, culture, age, disability, or ethnic background.

All credentials and documents submitted during the enrollment process become the property of FGCU and will not be returned to the applicant or forwarded to another institution, agency, or person. Furnishing any false or fraudulent statements or information in connection with the admission or enrollment process may result in disciplinary action, denial of admission, and invalidation of credits or degrees earned.

Graduate Admission Requirements

Applicants to graduate degree programs or post-baccalaureate professional programs are required to meet minimum university admission requirements that are in accordance with system-wide admission requirements (Rule 6C-6.003 Florida Administrative Code). Individual programs may set additional criteria or more selective requirements. Consequently, meeting minimum university admission requirements does not guarantee admission to a particular program. Refer to the appropriate academic program section of this catalog or contact Graduate Studies or the college/program regarding additional admission requirements.

Minimum University Admission Requirements

1) Have a bachelor’s degree or equivalent from a regionally accredited institution.
2) Present an official standardized admission test score. (Refer to the college/program description for approved standardized tests.)
3) Meet at least one of the following criteria:
   • The minimum university requirements for admission into a graduate program are an earned bachelor’s degree from a regionally accredited institution and a 3.0 GPA (last 60 attempted semester hours of the baccalaureate degree) on a 4.0 scale or 1000 on the combined verbal-quantitative portions of the Graduate Record Exam (GRE), or 400 on the Miller Analogies Test (MAT), or 500 on the Graduate Management Admissions Test (GMAT), or
   • A graduate degree from a regionally accredited institution.

An applicant who is from a country where English is not the primary language must submit a minimum TOEFL score of 550 (paper-based test) or 213 (computer-based test) or 79 (internet-based) unless otherwise specified by the program. (Refer to college/program description for requirements greater than the minimum.)

An applicant for graduate study must demonstrate the motivation, ability, and preparation to successfully pursue graduate study. The graduate program director and/or academic dean, through the graduate admission committee in each college, makes a determination of this capacity. Admission is based upon records of undergraduate achievement, prior graduate work, scores on required standardized tests, other supporting documentation including letters of recommendation, where required, and resource availability within individual programs.

Graduate Application Procedures

Each graduate program maintains an application deadline. Some programs have multiple deadlines throughout the year. Applicants are urged to start the application process early, approximately six months prior to the start of the intended term of enrollment. Contact Graduate Studies or refer to the college/program description for application deadlines.

When all required application documents are received, Graduate Studies processes the application and forwards a complete file to the college or program for review and consideration. An applicant receives notification by mail from the college/program regarding the admission decision.

Graduate Application

A Graduate Application packet can be obtained by contacting Graduate Studies at 239-590-7988 or 1-800-590-FGCU or email at graduate@fgcu.edu. Students may also apply online by going to http://www.fgcu.edu/Graduate/apply.html.

Applicants complete the following steps for applying to a specific graduate program:

• Graduate Application with application fee.
• Residency Classification Form.
• Immunization History Form.
• Official Transcripts: Contact each college/university ever attended and request that two official copies of transcripts be sent directly to Graduate Studies. (Refer to college/program description for appropriate test.)

International Student Admission

• Applicants are classified as international if they are not United States citizens, dual citizens, or permanent residents.

International students must meet admission criteria for the program to which they apply, as well as the following:

• International students must have all credentials and admission information submitted to Graduate Studies by the deadline for the specific entry term.
• Josef Silny & Associates, Incorporated, World Education Services, or AACRAO must evaluate credit from institutions outside the U.S. A course-by-course evaluation is required. The applicant pays for this service and contacts the evaluating agency directly. Official evaluations must be sent to the Graduate Admissions Office at Howard Hall, room 111.
be submitted to Graduate Studies by the deadline for the specific entry term.

- Applicants must demonstrate English proficiency in accordance with University policy, and will be required to submit acceptable TOEFL (Test of English as a Foreign Language) scores unless the country of origin uses English as the official language. A minimum score of 550 (paper-based), 213 (computer-based), or 79 (Internet-based) is required on the TOEFL. With the approval of the Director of Graduate Studies and the appropriate dean, applicants may furnish satisfactory evidence of English competency in lieu of the TOEFL. Examples of satisfactory evidence include, but are not limited to, completion of ENC 1101 and ENC 1102 (or equivalent) with a grade of C or higher; and/or a minimum of 60 credits satisfactorily completed at an accredited institution of higher education where all courses are taught in English. For information on the TOEFL, contact TOEFL, Educational Testing Service, Princeton, NJ 08541, USA. The University’s institutional code for the transmittal of the TOEFL is #5125. Official test scores must be submitted to Graduate Studies by the deadline for the specific entry term.

- The applicant must file a Confidential Financial Statement confirming availability of specific funds to finance the first year of study before the University issues the appropriate papers for obtaining a visa. Official bank statements must be submitted to Graduate Studies by the deadline for the specific entry term, but no earlier than 6 months prior to the first day of class.

Prior to registering for classes, admitted international students must submit proof of health and accident insurance to meet mandatory requirements. The University reserves the right to refuse registration to any international student who fails to comply with this insurance requirement or is unable to supply satisfactory proof of insurance. The University also reserves the right to withdraw from classes any international student who fails to maintain insurance coverage or avoids in any way the responsibility to comply with the insurance requirement.

International students are subject to the same University policies and procedures that apply to all students, such as admission, enrollment, immunization, etc. Additionally, international students must comply with all U.S. Immigration regulations, which may determine the student’s eligibility for enrollment, residency status, limitations on credit hours or semesters of study, and length of presence in the U.S.

Application deadlines for international students:

- If currently outside the United States:
  - Fall Semester: May 1
  - Spring Semester: September 15
  - Summer (contact Graduate Studies)
- If currently in the United States:
  - Fall Semester: June 1
  - Spring Semester: October 15
  - Summer (contact Graduate Studies)

Please note that program deadlines supersede these deadlines when the program deadline is earlier in the year.

* FGCU is authorized under federal law to enroll non-immigrant students.

Appeal for Reconsideration

The college/program provides applicants with written notification of admission decisions. Applicants denied admission who meet the minimum University requirements and wish to appeal the decision must write the college/program to request reconsideration within 30 days of the date of denial or by a deadline date set by the college/program in the denial letter. The request should present additional evidence of potential for academic success at FGCU and contain reasons why reconsideration is warranted. Applicants denied admission to a degree-seeking program are eligible to enroll as special (non-degree seeking) students with the approval of the college/program.

Deferring Graduate Application

Students who have submitted an application but not completed the application process may request, in writing, that the application be deferred to a subsequent term no later than 2 semesters past the initial term of application. Deferment of Graduate Application results in the student’s term of entry, under the University catalog being the semester deferring to, not the semester indicated in the initial application.

Former Student Returning

Degree seeking students who have not been in attendance for three or more consecutive semesters must submit a new graduate application.

Transfer Credit

With the approval of the college/program, a student may transfer credit from a regionally accredited college or university (or other approved institution in accordance with Florida statute or rule) into the graduate college/program at Florida Gulf Coast University. Transfer of credit is contingent upon review of appropriate documentation from the student’s prior courses, including transcripts and course syllabi. The following are University guidelines concerning transfer of graduate credit:

- Unless otherwise specified in college/program policy, up to 12 graduate-level credits may be transferred into the college/program and applied toward the degree. (Refer to the college/program description for specific transfer, waiver, and currency of credit policies.)
- A grade of B (3.0 on a possible 4.0 scale) or higher is required.
- Courses must be applicable toward the graduate degree being sought at Florida Gulf Coast University as determined by the college/program.

Students with Disabilities

A student who is requesting special consideration for admission due to a disability should note this on the admission application. The student must provide appropriate documentation (less than three years old) of a disability and identify how the disability prohibits him/her from meeting minimum admission standards. The graduate program admission committee will review this petition for admission. The admission decision will be made on an individual basis from documentation provided by the student.

Graduate Change of College

To change from a major field in one college to a major field in another, a new graduate application form and supplemental documentation are required. If official transcripts and test scores have been provided to Graduate Studies there is no need to resubmit these documents. All supplemental documentation required for the specified college/program of new application must be submitted to Graduate Studies. The final decision regarding change of college is determined by the college to which the student is applying. Change of college results in the student’s term of entry, under the University catalog being the semester of entry into the new college, not the semester initially applied for. This policy applies to students who have applied, been admitted or have enrolled.

Graduate Change of Major

To change major fields of study within the same college; completion of Change of Graduate Program Request form is
required. Additional documentation may be required for admission as each college/program admission criteria differs between programs. The final decision regarding change of program is determined by the program/college, which the student is applying to. Change of program within the same college results in the student’s term of entry, under the University catalog being the semester of entry into the new program, not the semester initially applied for.

Second Master’s Degree
Individuals seeking a second master’s degree, who are currently enrolled in an FGCU master’s degree program must complete a separate application for that program and fulfill the normal degree requirements for the second degree.

Non-Degree-Seeking Enrollment
Graduate non-degree-seeking enrollment is on a space-available basis and has been established for those individuals who would like to enroll, but are not seeking a degree from FGCU. Students seeking graduate level courses on a non-degree basis are classified as Post-Baccalaureate (Post-Bac) students. Enrollment as a non-degree-seeking student does not guarantee subsequent admission into the University as a degree student. International students cannot be admitted in this status due to federal regulations.

Post-Bac students must complete an application for admission and submit a non-refundable $30 application fee. Post-Bac students are subject to the same academic policies as degree-seeking students and must adhere to deadline dates published in the academic calendar. Non-degree-seeking students (including Post-Bac) are not eligible to receive financial aid (except for teacher certification).

Graduate Non-Degree-Seeking Restrictions
In general, a Post-Bac student is limited to a total of 9 credit hours of graduate coursework. Exceptions: A student seeking professional certification or re-certification may request an exemption to the 9 credit hour limit by contacting the appropriate college in which course enrollment is sought. A student seeking admission to a College of Education graduate program may take up to 12 credit hours of graduate coursework as a non-degree-seeking student.

Teacher Certification
Students with undergraduate degrees who are returning to gain teacher certification and educators seeking re-certification may enroll in undergraduate or graduate College of Education courses as well as courses in other colleges on a non-degree, space-available basis, and when course prerequisite requirements are met. There is no limit to the number of credits students may earn in this category; however, the College of Education limits to 12 the number of credits earned while non-degree-seeking which can be applied toward a graduate degree. Furthermore, some programs within the College of Education limit to 12 the total hours a non-degree-seeking student may take for any purpose. Please see program advisors for details.

Immunization Requirement
As a prerequisite to registration as a degree-seeking or non-degree-seeking student, the State University System of Florida requires all students born after December 31, 1956, to present documented proof of immunity to measles (Rubeola) and Rubella. Prior to initial registration, each student must submit a completed FGCU Immunization History Form to Student Health Services.

The following are acceptable proofs of immunization:
- Proof of two vaccinations (doses) of measles received at least 28 days apart and one vaccination of rubella, after 12 months of age. Measles vaccinations must have been received in 1968 or later and Rubella vaccination in 1969 or later; or
- Proof of immunity by way of a blood test result (titer); or
- A written, dated statement signed by a qualified health care provider on office letterhead that specifies the date seen and states that the student has had an illness for three days or more with a rash, fever of 101 degrees or greater, cough and conjunctivitis, and is considered to have had the Rubeola (measles) disease.

Questions about acceptable proof, exemptions, or temporary deferments may be directed to Student Health Services, 239-590-7966 or fax 239-590-7968.

Additional immunizations or medical test may be required for students in certain majors. Students residing in University Housing are required to present proof of immunity to Hepatitis-B and Meningitis. Please review the information and forms available at the Health Services Web Site at http://studentservices.fgcu.edu/HealthServices/Immunizations.htm.

Post Admission Information
The Registration section of this catalog contains information on class registration, transcripts, grades, etc.
REGISTRATION AND RECORDS

The Office of the Registrar supports the University mission by fostering an environment that promotes student success. The Office of the Registrar is committed to providing superior customer service to students, faculty, administration, alumni, community, state and federal agencies.

Registration

FGCU employs priority registration to manage term enrollment. Term registration dates are published in the Academic Calendar. Priority registration, referred to as Eagle Registration, is a benefit to all students in that it ensures students are able to enroll in the classes needed to complete their degree in a timely manner. It is a process that allows those who are closer to degree completion, with specific course needs, the ability to register before students who are further from graduation.

Priority levels are determined by a student’s total earned hours recorded for the most recent prior term of enrollment. To check earned hours, go to Gulfline and select Academic Transcript.

Adding or Dropping a Course

Adding a course. Students may add courses or change sections of courses during the registration period and the drop/add period (first week of classes), as published in the Academic Calendar. Classes may be added by accessing the Gulfline feature on the university web site, through the Office of the Registrar or Academic Advisor.

Dropping a course. Courses may be dropped during the registration and drop/add period through Gulfline and the Office of the Registrar as published in the Academic Calendar. Courses dropped during this period will not appear on the student’s academic record. Individual courses dropped after the drop/add period but before the “last day to completely withdraw without academic penalty,” (as published in the Academic Calendar) must be dropped through the Office of the Registrar. These courses will remain on the academic record and are assigned a grade of W. A grade of W is not calculated in the student’s grade point average (GPA).

An individual course dropped after the “last day to completely withdraw without academic penalty” must be dropped through the Office of the Registrar and will remain on the student’s academic record resulting in a grade of WF, which is calculated as a failing grade in the student’s grade point average. An appeal regarding the WF assignment is considered a request for grade change. Student appeals are to be submitted in writing, with supporting documentation, to the appropriate college. The college offering the course will make the final decision regarding the appeal.

Dropping all courses does not constitute formal withdrawal from the university. Refer to the Withdrawal section for information and procedures. A student is financially liable for all courses in which he or she is registered for at the end of the drop/add period.

Address Change

The address the university utilizes for students is taken from the application for admission. It is the student’s responsibility to make appropriate changes to their address. Address changes can be made through the Office of the Registrar. Students employed by the University should also submit changes to Human Resources.

Application to Graduate

An Application to Graduate form must be submitted to the appropriate college advisor in the term of expected graduation by the deadline noted in the Academic Calendar. By submitting the form, a student initiates the process of verifying degree requirements and ensures that all commencement information and registration forms are sent to the student. If an application for graduation is denied, a new application must be submitted by the deadline in the new term.

It is the student’s responsibility to clear all incomplete (I) grades and to provide official transcripts of all transferred coursework needed for graduation prior to the application deadline. A student taking an incomplete (I) in any course during the semester in which they have applied to graduate will be denied graduation for that semester. An application for grade forgiveness must be filed no later than the graduation application deadline, as stated in the Academic Calendar. Students are encouraged to apply for grade forgiveness upon completion of the repeat.

Grade changes and transfer work received after the degree statement has been posted to the transcript will not be incorporated into the degree.

Auditing a Course

Course audits are approved on a space-available basis and require the approval of the instructor and dean of the college offering the course. Audit registration is permitted only during the late registration period. Admission to the university is managed through a non-degree application. Regular course fees are assessed. Audited courses are noted on the academic transcript with a grade of X. Procedures for auditing courses are available from the Office of the Registrar.

Florida residents 60 years of age or older who plan to use senior citizen tuition waivers must register on a space-available, audit basis according to the Academic Calendar. See Senior Citizen Tuition waivers section for more information.

Change of Major (Undergraduate)

An undergraduate student wishing to change his or her major must submit a completed Change of Major form to the college advisor for the new program. A student wishing to change his or her major to a limited access program or an undergraduate student wishing to enter a graduate program must formally apply to the relevant program. Students may not use the Change of Major form to change from degree to non-degree status.

Advisors in the College of Health Professions have the authority to correct majors of students officially admitted into an individual academic program within the college. This college-specific policy supersedes university policy that requires students to individually submit a Change of Major form. Unless otherwise specified, lower-level College of Health Professions students dismissed from limited access academic programs become undeclared. Upper-level students must declare a new major.

Choice of Catalog

To graduate, each degree-seeking student must meet all graduation requirements specified in an FGCU catalog. A student has the right to choose a catalog year for his or her program of study. However, the choice cannot be from a catalog year that is earlier than the matriculation term and the student must remain in continuous enrollment. Matriculation is defined as being admitted to and enrolled in a degree program. Continuous enrollment is defined as enrolling at least
one term in each academic year. Catalog is defined as the program and graduation requirements published each academic year beginning with the fall semester and concluding with the summer semester.

If students cannot meet all of the graduation requirements specified in the catalog of choice due to changes by the university in matters of policy or course offerings, appropriate substitutions will be determined by the program manager to preclude penalizing the student. Due to program accreditation requirements, students in certain majors may not have this option.

All former students will be readmitted to the university under the catalog applicable to the term of readmit for degree requirements unless otherwise approved by the college.

Class Attendance
Regular and punctual attendance and participation are expected. Although students are graded on intellectual effort and performance rather than attendance, absences may lower the student’s grade when the instructor deems class attendance and class participation as essential. In those classes where attendance is considered part of the grade, the instructor must inform students at the beginning of the term in the syllabus. Any instructor who informs students in writing about the necessity of class attendance may request the Office of the Registrar to drop a student from the class. A grade of \(W\) will be posted to the student’s record prior to the deadline for withdrawal without academic penalty. After that date, the instructor may assign a punitive letter grade for any student who does not abide by attendance requirements. Colleges have the authority to establish college-wide, program-wide, or course-wide policies on attendance in accordance with the above guidelines.

Authorized absence. An authorized absence is an absence due to participation in a sponsored activity that has been approved in advance by the program director and the appropriate student affairs officer. Such an absence permits the student to make up the work missed when practical or to be given special allowance so that he/she is not penalized for the absence.

Excused absence. An excused absence is an absence due to other causes, such as illness, family emergency, death in the family, or religious holiday. A student seeking an excused absence should obtain documentation such as a physician’s statement, accident report, or obituary and contact all instructors or the Office of the Dean of Student Services.

Commencement
Commencement ceremonies are held twice a year, in May and December. Florida Gulf Coast University offers a candidate ceremony and not a degree conferral ceremony. Degrees for all candidates who complete degree requirements will be certified by the appropriate college after the official close of the term, as noted in the academic calendar. Degree information is made available within 4 weeks after the close of the term. However, diplomas require 8-10 weeks to prepare.

The May commencement is for graduating candidates who have completed or plan to complete all degree requirements in the spring term. The December ceremony is for graduating candidates who have completed or plan to complete all degree requirements in the summer or fall terms. Students who submit graduation applications by the published deadline will receive commencement information.

Students who wish to walk early (participate in a commencement other than the one designated for their term of completion) must submit a Petition to Walk Early and must meet the requirements for such. The petition can be obtained from the Office of the Registrar or college advisor and must be submitted through the student’s college advisor no later than the date provided on the form. All petitions that meet the guidelines will be approved on a space available basis. Space availability is based on the number of applied candidates and seating limits of the commencement location.

For more graduation and commencement information, go to the Office of the Registrar web site: http://www.fgcu.edu/registrar/commencement.html.

Course Load
Undergraduate.
A full-time undergraduate student is enrolled in 12 or more credit hours per semester. A part-time undergraduate student is enrolled in fewer than 12 credit hours per semester. The typical full-time undergraduate course load is 12 to 18 credit hours each semester. Students should take between 30 and 33 hours annually to graduate in four years. In the fall and spring semesters, the maximum number of credit hours in which an undergraduate may enroll is 15. During the summer semester, the maximum number of credit hours allowed during a six-week term is 9, and the maximum number of credit hours allowed during a 10-week term is 15. The total of combined summer sessions cannot exceed 15 hours. Semester overload permission from the undergraduate student’s academic advisor is required to enroll for more than the maximum allowable hours.

Graduate
During the fall or spring semesters, a full-time graduate student is enrolled in 9 or more credit hours, and a part-time graduate student is enrolled in fewer than 9 credit hours. Enrollment in 9 credit hours in any combination of summer terms is considered full-time. (See Semester System for details regarding term lengths.)

Directory Information
The following has been designated by FGCU as directory information:

- Full name
- Telephone listing
- Major/field of study
- Participation in officially recognized activities & sports
- Intramural events
- Dates of attendance
- Degrees and dates of conferral
- Most recent educational institution attended prior to FGCU
- Enrollment status
- Class status
- Honors and awards received
- Weight and height for athletic team members
- University email address

Enrolled students have the right to withhold directory information from the public (any non-university individual, agency, etc.). Students may file a request for privacy through the Office of the Registrar. Requesting privacy may adversely affect how the university provides information to prospective employers and agencies. The university is not responsible for negative action taken by such agencies as a result of maintaining a student’s privacy. The request for privacy is considered a serious action. Please contact the University Registrar with questions or concerns.

A parent or guardian may NOT have access to non-directory student information unless the student completes an Author-
rization to Release Educational Information to a Third Party form available in the Office of the Registrar or unless the student is claimed as a dependent for federal income tax purposes during the year preceding the term in question and for the year during which that term occurs. A copy of the parent or guardian’s federal income tax form will be required.

Enrollment Certification
Students should contact their lenders for deferment criteria and procedures. It is the student’s responsibility to submit the loan deferment form to the Office of the Registrar when such service is necessary. Written requests for enrollment certification for loan deferment or insurance purposes should be addressed to the Office of the Registrar and include name, student identification number and the specific information needed.

Students requesting loan deferment should contact their lender and request a deferment form. This form can be submitted to the Office of the Registrar during the semester needing deferment. However, forms received prior to the beginning of the term of deferment will be held for enrollment verification 10 days after the beginning of the term. This is to allow for course enrollment adjustments. Verifications will be sent to the lender unless otherwise noted. Any change in enrollment status will be reported to the lender through the Department of Education in Washington, DC.

Enrollment Status
Undergraduate Degree and Non Degree-Seeking:
- Full 12 or more
- Half 6 – 11
- Less Than Half 1 – 5

Graduate Degree and Non Degree-Seeking:
- Full 9 or more
- Half 5 – 8
- Less Than Half 1 – 4

Family Education Rights and Privacy Act, 1974 (FERPA)
FERPA affords students certain rights with respect to their education records. These rights are:

- 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 must submit to the Registrar, dean, head of the academic department, or other official, written requests that identify the records(s) to be inspected. The appropriate 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.

- The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading.
  - Students may ask the university to amend a record that they believe is inaccurate or misleading by placing the request in writing to the university official responsible for the record. Students should clearly identify the part of the record to be amended and specify why it is inaccurate and misleading. Supporting documentation may be required.
  - The University will notify the student of the decision and advise the student of his or her rights to a hearing if the university decides not to amend the record as requested. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

- One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic or research, or support staff position (including law enforcement personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agency); a person serving on the University Board of Trustees; or a student serving on an official committee, such as 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.

The right to file a complaint with the U.S. Department of Education concerning the alleged failures of 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, SW
Washington, DC 20202-4605

In the event of an unintentional release of student records due to unauthorized access, the University will notify via email all potentially affected students of the unauthorized release.

Grade Forgiveness
Students may repeat a course and exclude a previous course grade from their FGCU grade point average calculations effective fall 2000. Undergraduate degree and non-degree students are eligible by meeting the following:

- Original grade of C- or lower has been recorded on the academic record.
- The repeated grade must be higher than the original grade.
- The original course was taken at FGCU and the original grade was received fall 2000 or subsequent terms.
- The repeat course was taken at FGCU subsequent to fall 2000.
- The repeat course was taken under the same grading system (A-F or S/U) as the original. S/U graded courses are not permitted to repeat as A-F or vice versa.
- An application for grade forgiveness should be filed no later than the graduation application deadline date as stated in the Academic Calendar for the semester the student applies for graduation. Students are encouraged to apply for grade forgiveness upon completion of the repeat course.
- In the case of university error, supporting documentation from the appropriate college must be attached to the form. Errors discovered after the degree is awarded must be reviewed by the College Dean and Academic Affairs for special exception. Otherwise, grade forgiveness will not be applied after a degree or certificate has been awarded.

Additional conditions of the policy:

- A total of two course grades may be forgiven for courses that are repeated. The same course grade may not be forgiven twice.
- Only 1000-4000 courses are eligible for grade forgiveness.
- All grades will remain on the academic transcript. The original course will be annotated with E to indicate the
course has been repeated and excluded from the GPA calculation. The repeat course will be annotated with I to indicate repeat course and included in the GPA calculation.

- With prior approval of the college dean, a course substitution may be sought under the following conditions:
  - The substitute course is a change in prefix, number, hours, or title, but not a substantive change in context from the original course.
  - The substitute course replaces a course no longer offered by the institution.
  - Individual colleges may have further restrictions; therefore, the student should consult with his/her academic advisor.
  - Students who have received a bachelor’s degree from FGCU cannot apply grade forgiveness to any course taken prior to the awarding of the degree.

Students should discuss their eligibility for grade forgiveness with their academic advisor. Applications for grade forgiveness can be obtained from academic advisors or from the Office of the Registrar. Refer to the Academic Calendar for the application deadline date.

### Grade Point Average Calculation


<table>
<thead>
<tr>
<th>Grade Definition</th>
<th>Quality Points Per Semester Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
<tr>
<td>I</td>
<td>0.0</td>
</tr>
<tr>
<td>NR</td>
<td>0.0</td>
</tr>
<tr>
<td>S satisfactory</td>
<td>0.0</td>
</tr>
<tr>
<td>U unsatisfactory</td>
<td>0.0</td>
</tr>
<tr>
<td>W withdrawal without academic penalty</td>
<td>0.0</td>
</tr>
<tr>
<td>WF withdrawal with academic penalty</td>
<td>0.0</td>
</tr>
<tr>
<td>X audit (no academic credit)</td>
<td>0.0</td>
</tr>
<tr>
<td>Z thesis/dissertation continuation</td>
<td>0.0</td>
</tr>
</tbody>
</table>

It is the option of the college, department or instructor to use all, some, or none of the plus/minus grades in assigning student grades in a course, as long as the grading system is communicated to students via the course syllabi at the beginning of the course. Numerical ranges corresponding to letter grades are established for each course according to the professional judgment of the instructor.

Some colleges, departments, and programs have established minimum grade requirements. In these instances, a grade of C- does not satisfy the requirement of a minimum grade of C, and a grade of B- does not satisfy the requirement of a minimum grade of B.

The grades of D+, D, and D-, while considered passing for undergraduate students, may not be acceptable for some courses (see program requirements).

Earned credit hours are not assigned in courses with grades of F, I, U, W, WF, X, and Z (see definitions). A grade of NR will be posted for grades not reported by the instructor. A NR grade will be converted to an F at the end of the following semester.

Incomplete (I) grade. A student who is passing a course but who has not completed all of the required coursework by the end of the term may, with the permission of the instructor, be assigned a grade of I. A grade of I is not computed in a student’s GPA.

An incomplete (I) grade cannot be assigned to a course if the student fails to attend the course, drops the course after the drop/add period, or withdraws from the university. A student, who registers for a course but fails to meet the course requirements, without officially dropping the course, will receive a grade of F in the course.

To initiate consideration for a grade of I, a student must contact the instructor before grades are reported. The decision to award a grade of I is solely the decision of the instructor. Should a professor decide to assign the grade, both the student and the professor must complete and retain a copy of an Incomplete Grade Agreement Form. The maximum amount of time to complete coursework to remove a grade of I is one year from the end of the semester for which the grade was assigned or graduation whichever comes first; however, instructors may restrict the amount of time given to the student to complete the coursework. After one year, a grade of I will be changed to an F if the instructor has reported no grade. A student may not re-register for a course in which he or she currently has an incomplete (I) grade. Once an incomplete (I) grade has converted to a failing grade (F), the grade may not be converted back to an incomplete (I) grade or to a regular grade. Exceptions due to university error may be approved by the college Dean (or his/her designee) with supporting justification attached to a change of grade form.

Students approved for reinstatement by the Reinstatement Appeal Committee after the deadline expires are not eligible for the grade assignment of incomplete (I).

Final grade reports. Grades are available via Gulfline at http://gulfline.fgcu.edu. The university does not mail final grade reports. Students needing written verification of grades should submit a request for an unofficial or official transcript to the Office of the Registrar.

Change of grade. A request for a change of grade will be considered only during the term immediately following the term in which the grade was assigned. Grades assigned during the spring semester may be changed during the following summer or fall terms. The dean (or his/her designee) of the college offering the course must approve grade changes. Exceptions to the time limitation may be approved by the college dean (or his/her designee) with supporting justification attached to the Change of Grade form.

Grades will not be changed after a degree or certificate has been awarded.

Grade appeal. All student grade appeals or allegations should first be brought to the attention of the instructor of the course. Students are responsible to present documents or evidence supporting the grade appeal to the instructor within one semester after the grade issuance. Students and faculty should attempt to resolve the problem in a timely and satisfactory manner. Students dissatisfied with the instructor’s decision, or if the faculty is not available, the student may pursue an informal solution with the Chair of the department.
If not satisfied with the resolution of the informal procedures, the student may file a formal written appeal with the Office of the Dean of the College in which the course is offered. Each college shall establish an Academic Grade Appeal Committee, for the purpose of reviewing and rendering decisions concerning all formal grade appeals to the College Dean. The College Dean will approve or deny the appeal committee’s findings. Written notification to the student will be provided within 15 days of receipt of the student’s request.

A final appeal process is provided whereby the student, after receiving notification of the Academic Grade Appeal Committee’s decision, may file a request for review with the Office of the Provost. The Provost, acting as a representative of the University President, shall render a final decision. Copies of the Provost’s final decision shall be provided to the student, the College Dean, the Academic Grade Appeal Committee Chair, the department Chair, the University Registrar, and the course instructor within 10 days of receipt of the student’s request for renew.

For additional grade appeal procedures, refer to the Student Guidebook.

Honors Recognition for GPA

President’s List. Undergraduate students completing at least 12 hours of class work in regularly graded courses (excluding S/U graded courses) taken at FGCU during a semester with a grade point average of 4.0, will be eligible for President’s List recognition. Eligible students will receive written recognition from the university president.

Dean’s List. Undergraduate students completing at least 12 credit hours of regularly graded coursework (excluding S/U graded courses) completed at FGCU during a term with a grade point average of 3.5 to 3.99 will be eligible for Dean’s List recognition. Students will be notified in writing of this recognition by the appropriate academic dean.

Undergraduate Honors. Baccalaureate candidates must have an overall GPA of 3.50 (on a 4.0 scale) for all coursework attempted at FGCU to be considered for honors. Honors achieved will be annotated on the student’s diploma and transcript.

- Candidates with a GPA of 3.50-3.70 shall receive a designation of cum laude (with honors).
- Candidates with a GPA of 3.71-3.89 shall receive a designation of magna cum laude (with higher honors).
- Candidates with a GPA of 3.90 or above shall receive a designation of summa cum laude (with highest honors).

Each dean has the option of selecting on the basis of exceptional achievement, students to be graduated with distinction.

Honors at Commencement. Baccalaureate students with an outstanding academic performance at FGCU will be honored at commencement. Honors will be based on the cumulative GPA as of the semester prior to graduation.

Name Change

Official name change forms are available through the Office of the Registrar or the web site. Requests must be submitted in order to change a legal name on the student record. Copies of documents (i.e., marriage certificate, divorce decree, etc.) noting the legal name change must be submitted with the request. Students requesting a name change and reissue of diploma will be responsible for the cost of the new diploma. Name change requests from non-enrolled students will not be honored.

Reclassification of Residency for Tuition Purposes

Matriculated students (admitted to and enrolled at the university) who are classified as non-Florida residents for tuition purposes and who believe they may qualify for in-state tuition, may submit a Residency Reclassification to the Office of the Registrar. Supporting documentation is required to substantiate in-state residency for tuition purposes. For more information on qualifying for in-state tuition, refer to the Tuition and Fees section of this catalog.

If denied Florida residency for tuition purposes by the Office of the Registrar, the student may submit a written appeal to the Residency Committee. The decision of the Residency Committee will be mailed to the student and considered final.

Repeat Course Surcharge

Rule 6C-7.001, Florida Administrative Code, states that each student enrolled in the same undergraduate course more than twice, shall be assessed an additional fee per credit hour for each repeated course. For example, if a course is repeated twice a student will be assessed the surcharge for the third and subsequent attempt. The fee will be published each semester and assessed at the time of registration. Only courses repeated at FGCU will count in attempts. Transfer coursework will not count in the repeat calculation. Grades of W and WF earned at FGCU will count when figuring attempts.

In accordance with Florida Statute 240.124, students may petition for the surcharge to be waived based on extenuating circumstances or financial hardship. Extenuating circumstances are those circumstances determined by the university to be exceptional and beyond the control of the student and may include but are not limited to: serious illness; documented medical condition preventing completion; death of immediate family member; involuntary call to active military duty; other emergency circumstances or extraordinary situations. Students who withdraw or fail a class due to extenuating circumstances may be granted an exception only once for each class.

The criteria used for determining financial hardship will include, but not be limited to, qualification for federal need-based financial aid. Students with other documented financial hardships may also be considered.

Request forms are available in the Office of the Registrar. All requests to waive the repeat surcharge fees must be submitted to the Fee Appeals Committee, within six months after the end of the term for which the fees were assessed. There are no exceptions to this policy. The decision of the Fee Appeals Committee is final in accordance with Rule 6C10-7.001 (11) (c).

Residency Requirement for Graduation

At least 25 percent of coursework for the degree must be earned at FGCU. Thirty (30) of the last 60 hours must be earned at FGCU to receive a baccalaureate degree from FGCU.

Semester System

Florida Gulf Coast University operates on a semester system. Each semester hour represents the equivalent of one instructional period of 50 minutes in length. The fall and spring semesters are 15 weeks in length (including one week of final exams). The fall semester begins in August and ends in December and the spring semester begins in January and ends in April. The summer semester typically has three terms: Term A is a 6-week term that begins in May and ends in June; Term
B is a 6-week term that begins in June and ends in August; and Term C is a 10-week term that begins in May and ends in July. Additional mini-terms of varying weeks of length may be held in any semester.

**Senior Citizen Tuition Waivers**
Senior citizen tuition waivers are available to persons 60 years of age or older who meet the requirements of Florida residency. The waiver allows qualified individuals to attend credit classes on a space-available, audit basis. Audit courses receive a grade of “X” which carries no college credit. Senior citizens using waivers must register the last day of late registration, as published in the Academic Calendar.

**Student Classifications**
Undergraduate (freshman, sophomore, junior, and senior) students are classified on the basis of semester hours satisfactorily earned.
Freshman: 0 through 29 semester hours.
Sophomore: 30 through 59 semester hours.
Junior: 60 through 89 semester hours.
Senior: 90 or more semester hours, prior to completing baccalaureate requirements.
Post-baccalaureate: Any student who is enrolled in a course, regardless of course level, who has a baccalaureate degree, is not working toward another baccalaureate degree, and has not been admitted to a graduate program.
Graduate: Any student enrolled in a graduate course (5000-6000 level) who has been admitted to a graduate program.
Audit: Any student registered for any credit course on an audit basis. No credit is received for courses taken on an audit basis. A grade of X will be assigned to audit coursework.

**Student Holds**
Holds may be placed on a student’s account, records, transcript, grades, diplomas or registration because of financial or other obligations to the university. Satisfaction of the obligation is required prior to the release of the hold by the office having authority.

**Student Records**
The university has designated the Office of the Registrar as the official custodian of student records. Information provided by a student to an institution pertaining to his or her record may be considered a student education record. A student has the right to review such information maintained in his or her educational record and to seek amendments or in certain cases append a statement to the record.

Information contained in a student’s education record becomes the property of the university and will not be released or copied to the student or a third party. A third party shall be defined as anyone other than the student. Parents, legal guardians, spouses, employers, external agencies, etc. are considered third parties and do not have permission to access a student education record without written consent from the student. There are exceptions the university can apply to this policy.

The Office of the Registrar is responsible for ensuring the confidentiality of all student records. The Federal Family Educational Rights and Privacy Act (FERPA) of 1974 guarantees students the right to protect information that is not classified as directory information by federal law and university policy. For more information concerning FERPA and student records, refer to the FERPA section of this catalog, or contact the Office of the Registrar. (See also Directory Information.)

In the event of an unintentional release of student records due to unauthorized access, the University will notify via email all potentially affected students of the unauthorized release.

**Summer Enrollment Requirement**
Undergraduate students entering FGCU with fewer than 60 semester hours of credit must earn at least 9 semester credit hours prior to graduation by attending one or more summer sessions at a State University System member institution.

The university may waive the application of this rule in cases of unusual hardship. A student who wishes to have the rule waived must submit a written request to the student’s college dean for a decision. The college will send written notification to the student and student’s academic advisor.

Any student who earns 9 or more credits from one or more acceleration mechanisms is exempt from the summer enrollment requirement.

**Transcripts**
Transcripts are released only with written authorization from the student. E-mail, telephone and fax requests for official transcripts will not be accepted. Transcripts will not be released for students who have a financial obligation to the university.

A transcript request must include the student’s full name, university identification number (UIN), and signature along with the names and complete addresses of transcript recipients. If grades or degree statement for the current semester are needed, the student should indicate that the transcript request is to be held until the final semester grades and/or degrees are posted. To reflect a complete academic record for undergraduate and graduate students, the university will issue only complete transcripts. At the end of each term of enrollment, students are responsible for requesting transcripts for reimbursement purposes.

A $10 fee is charged for each official transcript requested. There is no charge for unofficial transcripts. Graduating students receive one official transcript, free of charge, with their diplomas. Transcript request information can be obtained from http://enrollment.fgcu.edu/registration/tran.html. Transcript request forms may be printed from the web http://www.fgcu.edu/registrar/transcripts.html. Transcripts may be requested through Gulfline at http://gulfline.fgcu.edu.

**Transient Student**
Transient students are students who attend FGCU for only one term before returning to their home institutions. These students enroll at FGCU as non-degree-seeking students. A transient student from another Florida university can facilitate FGCU registration by obtaining a Transient Student Form from the home institution. The $30 application fee is waived for transient students from other State University System institutions. Contact the Office of the Registrar for more information at ORR@fgcu.edu.

**Veterans’ Educational Benefits**
Florida Gulf Coast University is approved for the education of veterans, eligible dependents, members of the selected reserve, and active-duty personnel who are eligible for benefits under public laws now in effect. All degree programs currently offered at FGCU are approved by the State of Florida, Bureau of State Approving for Veterans’ Training. Additionally, some programs offered by the Center for Leadership and Innovation are approved. Under the current Veterans Educational Assistance Programs, which affect most veterans, the veteran receives an allowance directly from the government. The veteran is responsible for paying tuition and fees directly to the university and meeting payment deadlines applicable
to all students. The Veterans Administration (VA) will make full payment only when the student carries a full academic load. To facilitate the prompt and accurate reporting of the student’s status and course load, the veteran must inform the Office of the Registrar of his or her enrollment intent prior to the beginning of each semester. Changes in enrollment status made after the last day to add courses must be reported immediately. Veteran’s previous education and training will be evaluated and appropriate credit granted with training time shortened, tuition reduced proportionately and with VA and the veteran so notified.

To be eligible for full-time VA benefits, degree-seeking undergraduates must enroll for 12 or more semester hours, and degree-seeking graduate students must enroll for nine or more semester hours each academic semester. VA regulations require that students take only courses that are applicable towards their degree program or other approved program and they must make satisfactory progress towards their degree. Students receiving educational veterans’ benefits are allowed no more than two probationary/warning terms. If a veteran reaches this point, their benefits will be terminated for failure to achieve satisfactory progress. Additionally, the veteran student should have achieved the GPA (2.0, undergraduate and 3.0 graduate) required for graduation by the mid-point of their program. VA benefits will be terminated for students who are dismissed for academic or disciplinary reasons and can only be reinstated after academic counseling.

It is the student’s responsibility to remain in good standing with the VA and to respond to notification of changes in regulation. The VA toll-free telephone number is 1-888-442-4551.

Withdrawal
Withdrawal is the formal process of leaving the university during a term. Dropping all classes does not constitute formal withdrawal from the university. A formal withdrawal can be initiated by submitting a Withdrawal Application in person, by mail or fax to the Office of the Registrar. Withdrawal Applications are available on the web http://enrollment.fgcu.edu/registration/forms.html.

Students who formally withdraw from the university by the last date to withdraw without academic penalty,” as published in the Academic Calendar, will receive a grade of W in each course. Students who withdraw after the published “last date to withdraw without academic penalty” will receive a grade of WF in each course. A student who withdraws may not continue to attend class. Requests for appeals to the withdrawal policy should be submitted in writing with appropriate documentation to the appropriate college.

Formal withdrawals from the university will not be considered when applying individual course drop limitations (see also Adding or Dropping a Course).

Military Call to Active Duty Policy
When a student is called for active military duty during a term in which s/he is enrolled, the eligible student may elect the following:

1) Completely withdraw from the University without academic penalty. In order to qualify for this option, a student must elect to completely withdraw from the University.
   • The student must complete a Withdrawal Application and Fee Adjustment Request forms and provide a copy of his/her active duty orders to the Office of the Registrar. Orders will serve as supporting documentation for the refund of tuition and fees.
   • The Fee Adjustment form will be submitted to the Fee Ap-
   • Housing will be refunded based on the number of days the room was occupied. In order to receive a refund from the Office of Housing and Residence Life, the student must complete all check out procedures as noted in the Housing Rules and Regulations Manual and submit written request for refund. The student will be asked to provide a copy of their active duty orders.
   • The student will be responsible for any miscellaneous charges such as library fines, parking tickets, etc.
   • If the student is called for active duty and subsequently released in a manner that would allow him/her to re-enroll during the semester in which s/he withdraw, the University will accept every effort to accommodate the request. Faculty involved will determine the appropriateness of returning to a course.
   • If the student is receiving financial aid during the term in which s/he is called to active duty, financial aid must be repaid according to federal and state guidelines before the University will issue a refund.

2) Students who are required to report for military duty after the last day to withdraw without academic penalty, as stated in the University’s Academic Calendar of Events, and after completion of at least 75% of the enrollment period in a non-standard semester may:
   • In working with the instructor, elect to complete all final papers, projects and/or exams prior to reporting for active duty in order to receive full credit for all courses. Students are not eligible for refunds for courses which s/he receive credit; or
   • Request an incomplete grade in a course and complete the remaining specified course requirements as agreed and stipulated in the Incomplete Grade Contract form upon return from active duty. The student will have the full time allowed under the Incomplete Grade policy. Upon re-enrollment to the University, a student will have one year to complete the incomplete coursework outlined on the Incomplete Agreement Form. If the coursework is not completed within the appropriate time frame, the course grade will convert to a failing grade. Under federal financial aid policies, a grade of incomplete may affect a student’s financial aid eligibility for future terms. Eligible students who receive an incomplete for any course for which s/he is enrolled shall not be entitled to a refund of tuition or fees paid.

Notes:
1) Students called to active duty prior to or on the last day to withdrawal without academic penalty may not select Option 2 (above). Students must select complete withdrawal with refund.
2) Students unable to complete the above process due to military call-up time constraints, may submit an appeal for grade change, late withdrawal and/or conduct issue after s/he leaves the University but no later than six months after discharge or release from active duty. A copy of the discharge papers will be requested at the time of re-enrollment. A copy of the discharge papers will be requested at the time of re-enrollment.
3) Students who select incomplete grade option must begin completion of the course requirements, as noted on Incomplete Grade Contract, no later than six months after discharge or release from active duty. A copy of the discharge papers will be requested at the time of re-enrollment.
FINANCIAL AID AND SCHOLARSHIPS

The university offers a comprehensive program of financial assistance for both traditional and non-traditional students pursuing undergraduate and graduate degrees. The Financial Aid and Scholarships Office helps students secure the necessary funds to pursue their educational goals and offers information to enrolled and prospective students about the availability of financial assistance.

The Financial Aid and Scholarship Office administers grants, scholarships, loans, and student employment programs to assist students in paying for their educational expenses.

Financial aid awards will not be processed until a student has been admitted to a degree program or eligible certificate program. Non-degree-seeking students are not eligible for financial aid, with the exception of approved students who enroll in the teacher certification program.

Confidentiality of Student Information

The university ensures the confidentiality of student records in accordance with State University System rules, state statutes, and the Family Education Rights and Privacy Act (FERPA) of 1974, known as the Buckley Amendment. Family financial information and the type and amount of aid that each student is offered and receives are held in confidence. Written consent from the student is required for release of information to a third party.

Applying for Financial Aid

Students should complete the Free Application for Federal Student Aid (FAFSA) each academic year on the internet at www.fafsa.ed.gov. When the student completes the FAFSA, FGCU should be included among the colleges to which the application information is reported. When the FAFSA is processed, FGCU will receive an electronic record of the student’s application information. The student may be required to provide additional documentation to the Office of Financial Aid to verify the application information or to clarify any discrepancies in the application information. Financial aid applicants and the parents of dependent student applicants are encouraged to get a PIN from the U.S. Department of Education at www.pin.ed.gov, which can be used as an electronic signature when the FAFSA is completed. Use of a PIN greatly speeds the processing time of the FAFSA.

Estimated Costs of Attendance

Each year FGCU develops student expense budgets (cost of attendance), using U.S. Department of Education guidelines. These are used to determine students’ financial need at FGCU. Students expense budgets include approximate tuition and fee costs as well as allowances for the cost of books and supplies, transportation, food, housing and personal expenses. These expense budgets represent the maximum amount of financial aid that students may receive from all sources, including student loans. They are based on full-time attendance each semester (both Fall and Spring).

Undergraduate Student Cost of Attendance – based on an undergraduate student taking 15 credit hours per term for two terms. Expenses and fees are subject to change.

<table>
<thead>
<tr>
<th></th>
<th>2008-09 Florida Resident</th>
<th>2008-09 Florida Non-Florida Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees</td>
<td>$4,053</td>
<td>$16,571</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$8,659</td>
<td>$8,659</td>
</tr>
<tr>
<td>Transportation</td>
<td>$1,700</td>
<td>$1,700</td>
</tr>
<tr>
<td>EST. TOTAL COST</td>
<td>$17,312</td>
<td>$29,830</td>
</tr>
</tbody>
</table>

Graduate Student Cost of Attendance – based on a graduate student taking 9 credit hours per term for two terms. Expenses and fees are subject to change.

<table>
<thead>
<tr>
<th></th>
<th>2008-09 Florida Resident</th>
<th>2008-09 Florida Non-Florida Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees</td>
<td>$4,821</td>
<td>$17,499</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$8,659</td>
<td>$8,659</td>
</tr>
<tr>
<td>Transportation</td>
<td>$1,700</td>
<td>$1,700</td>
</tr>
<tr>
<td>Books and Supplies</td>
<td>$1,200</td>
<td>$1,200</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>$1,700</td>
<td>$1,700</td>
</tr>
<tr>
<td>EST. TOTAL COST</td>
<td>$18,080</td>
<td>$30,758</td>
</tr>
</tbody>
</table>

Eligibility Criteria for Federal Financial Aid (both Need-based and Non Need-based)

To qualify for federal student financial aid, the student must meet the following basic eligibility requirements:

- Be a U.S. citizen or eligible non-citizen
- Be registered with the Selective Service System, if required
- Not be in default on a federal student loan, or owe a repayment of a federal student grant received at any institution
- Be enrolled as a regular student in an eligible program of study; and
- Maintain satisfactory academic progress.

Need-Based Financial Aid

Need-based financial aid is awarded to students who demonstrate their need for financial assistance based on information that is reported by the student (and their family) on the FAFSA. Financial need is defined as the difference between the estimated cost of attendance and the Expected Family Contribution (EFC) which is the amount the student and his or her family can reasonably be expected to contribute towards the student’s educational expenses. A federally approved formula is used to calculate the EFC and considers the income, assets of the student and family (excluding primary residence), number of persons in the household and number in college, taxes paid, and other relevant factors that are reported on the FAFSA. Students applying for aid by the priority deadline of March 1 will maximize aid consideration, although it is advisable to apply as soon after January 1 as possible.

There are three kinds of need-based aid:

Grants are gift aid, and they do not need to be repaid. Grants include:

Federal Pell Grants for eligible students pursuing their first baccalaureate degrees. The amount of a Federal Pell Grant award depends on the student’s EFC as well as the student’s enrollment status each semester. The maximum award for 2008-09 is $4,731.

Federal Supplemental Opportunity Grants (FSEOG) for students with extraordinary financial need. Federal Pell Grant recipients receive priority consideration. Awards can range from $100 to $4,000. The typical FSEOG award at FGCU does not exceed $500 each year.

Florida Student Assistance Grants for eligible Florida residents pursuing first baccalaureate degrees and who are enrolled full-time. The Florida Department of Education, Office of Student Financial Assistance, determines eligibility. Awards based on financial need range from $200 to $1,600.
or as specified in the General Appropriations Act. Priority application deadline is March 1. Awards for part-time students (enrolled at least half-time) may be available, as funding permits.

**First Generation Matching Grant (FGMG)**
The First Generation Matching Grant Program (FGMG) provides need-based grants to undergraduate students who are enrolled in state universities and whose parents have not earned baccalaureate degrees. Available state funds are contingent upon matching contributions from private sources on a dollar-for-dollar basis. The Office of Financial Aid ranks all eligible applicants on the basis of financial need, determine the award amount of $1,000 is prorated based on the enrollment status. The student should satisfy the following eligibility criteria for this grant:

- The student will meet Florida's residency requirements for receipt of state financial aid by maintaining Florida residency for purposes other than education for a minimum of 12 consecutive months prior to the first day of class of the academic term for which funds are available.
- Not owe a repayment under any State, Federal Grant or Scholarship Program unless satisfactory arrangements to repay have been made.
- Not be in default on any Federal Title IV or State Student Loan Program or satisfactory arrangements to repay have been made.
- Previously have not earned a baccalaureate degree. Be a first generation college student. (Note: A student is considered “first generation” if neither of the student’s parents earned a college degree at the baccalaureate level or higher)
- A student would also be eligible if he/she regularly resided with and received support from only one parent who did not earn a baccalaureate degree.
- Enroll for a minimum of 6 credit hours per term as a degree-seeking undergraduate student.
- Complete the Free Application for Federal Student Aid (FAFSA) to demonstrate financial need.
- Starting 2007-2008 academic year, submit the Application for Foundation Scholarships.

**Florida Gulf Coast University Grants** for eligible students who are enrolled at least half-time and who are pursuing first baccalaureate degrees. Award amounts are based on need and enrollment status. Priority consideration deadline is March 1.

**Academic Competitive Grant Program** - Eligible students may receive an Academic Competitive Grant (ACG) of $750 for the first academic year of study and $1,300 for the second academic year of study. The amount of the student’s grant, in combination with the student’s Federal Pell Grant assistance and other resources and estimated financial assistance, may not exceed the student’s financial need. Eligibility includes full-time undergraduate status, Federal Pell Grant recipient, and completion of a rigorous secondary school program of study. Second-year students must have at least a cumulative 3.0 grade point average for the first academic year and earned a total of 30 credit hours.

**National SMART Grant Program** - Eligible students may receive a National SMART Grant of $4,000 for each of the third and fourth academic years of study. The amount of the student’s grant, in combination with student’s Federal Pell Grant assistance and other resources and estimated financial assistance, may not exceed the student’s financial need. Eligibility includes full-time undergraduate status, eligibility for a Federal Pell Grant, a minimum cumulative 3.0 grade point average in the coursework required for the student’s major, and pursuit of a degree in physical, life or computer science, engineering, mathematics, technology, or a critical foreign language.

**Loans** are funds borrowed from a bank or a lending institution and must be repaid. Florida Gulf Coast University participates in the Federal Family Education Loan (FFEL) Program.

**Subsidized Federal Stafford Loans** are available to undergraduate and graduate students enrolled at least half time. See the section in this catalog on Federal Stafford Loan Information, which follows in this section of the catalog.

**Employment opportunities** place students in part-time jobs with FGCU. Federal Work Study employment provides part-time jobs to eligible students who are enrolled and pursuing a degree. Graduate students and students pursuing a second undergraduate degree may also qualify for Federal Work Study. Students may work up to 20 hours per week while classes are in session and 40 hours per week during school breaks. Limited funding requires application by the priority deadline of March 1.

**Non Need-Based Financial Aid**
Unsubsidized Federal Stafford Loans are available to undergraduate and graduate students enrolled at least half time. See the section in this catalog on Federal Stafford Loan Information, which follows in this section of the catalog.

**Federal Parent Loans for Undergraduate Students (PLUS)** are available to parents of dependent undergraduate students enrolled at least half-time. The yearly loan maximum is equal to the cost of education less any financial aid received by the student for the academic year. Interest rates may change July 1st of each year. The new interest rates for each year can be found on the financial aid website or by contacting your lender. Repayment of principal and interest begins 60 days after the final loan disbursement for the academic year. Dependent students who file the FAFSA can request a Federal PLUS loan which their parents may choose to accept. Directions on how to apply for a Federal PLUS Loan are included with the student’s award notice.

**Federal PLUS Loans for Graduate and Professional Students** enable graduate and professional students with good credit histories to borrow federal loan funds to pay a portion of their educational expenses if the students’ cost of attendance, less other aid and resources, exceeds the maximum annual Federal Stafford Loan limit. Graduate and professional students are first required to have applied for their annual maximum loan eligibility in subsidized and unsubsidized Federal Stafford Loans before applying for PLUS loans.

**Merit-based aid** in the form of scholarships is awarded on a competitive basis to students with special skills, talents, characteristics, or abilities. A complete list of all scholarships and requirements may be found on FGCU’s web site at www.fgcu.edu/foundation. The FGCU Foundation scholarship application is available on-line from our Financial Aid homepage at www.fgcu.edu/AS/financialaid. Please be sure to check this link for priority deadlines and additional scholarship information.

**Federal Stafford Loan Information**
There are two kinds of FFEL Program loans available to FGCU students: subsidized Federal Stafford Loans and unsubsidized Federal Stafford Loans. A subsidized loan is awarded on the basis of financial need. If a student qualifies for a subsidized loan, the federal government pays interest on the loans (“subsidized” the loan) until repayment begins and during authorized periods of deferment thereafter. An unsubsidized loan is
Stafford Loan Eligibility/Limits

Total Dependent Student Annual Limits:
- Freshmen (0-29 credits) $3,500
- Sophomore (30-59 credits) $4,500
- Junior: (60-89 credits) $5,500
- Senior: (90 credits and above) $5,500

Total Independent Student Annual Limits:
- Freshmen (0-29 credits) $7,500
- Sophomore (30-59 credits) $8,500
- Junior (60-89 credits) $10,500
- Senior (90 credits and above) $10,500
- Graduate: $20,500

The amounts reflected above are for a full academic year.

Aggregate Loan Limits:
- Dependent Undergraduate: $23,000
- Independent Undergraduate: $46,000 (only $23,000 can consist of subsidized loans)
- Graduate Student: $138,500 (only $65,500 can consist of subsidized loans)

For periods of undergraduate study that are less than an academic year, the amounts that can be borrowed may be less than those listed above. Federal Stafford Loans are not offered to undergraduates enrolled in programs that are less than one-third of an academic year.

Interest rates may change every July 1st, however Stafford Loan interest rates cannot exceed 8.5%.

Refund and Repayment Policies

Refunds. If a recipient of federal student aid withdraws during a payment period (or a period of enrollment), the institution must calculate the amount of federal student aid the student did not earn. Unearned federal student aid funds must be returned to the U.S. Dept. of Education or the designated lender. In addition, the student will be responsible for any institutional charges that result from the return of the federal student aid funds.

Repayment. If the student withdraws from the university after receiving financial student aid funds, he or she must repay a specified percentage of the aid received, since the funds were awarded to help meet educational costs for an entire term of enrollment. The repayment amount is based on the percentage of time elapsed in the term. Proof of attendance plus proof of last day of attendance will be required of any student who completes a semester with zero credit hours earned. If such proof is not submitted by the allotted timeframe, the student will owe a repayment of ALL funds received for the semester.

Satisfactory Academic Progress

Federal regulations require students to demonstrate satisfactory academic progress in order to receive financial assistance. Students who fail to maintain minimum standards of satisfactory progress may lose eligibility. Satisfactory academic progress is calculated at the end of the spring term each year. Measures of academic progress include:

Qualitative Measure of Progress. Undergraduate students must maintain a cumulative GPA of at least 1.80 for continued eligibility. Undergraduate students who have earned 30 credits or more must maintain a cumulative GPA of at least 2.0 for continued eligibility. Graduate students must maintain a cumulative 3.0 GPA for continued eligibility.

Quantitative Measure of Progress. All students must earn a minimum of 70 percent of the cumulative credit hours attempted including credit hours for courses from which the student withdrew without refund.

Time Frame. The time required to complete a degree cannot exceed 150 percent of the published program length. For example, a student enrolled in a program requiring 120 credit hours to complete would be ineligible for aid after attempting 180 total credit hours. All attempted hours from all institutions attended would be counted, even periods during which a student did not receive aid. No exceptions will be granted for students who change majors or pursue multiple degrees.

Students who fail to meet SAP standards will be placed on financial aid suspension. Any student who withdraws completely, or receives all F’s, W’s or I’s will automatically be suspended from aid, regardless of the reason for not completing the hours. If there are extenuating circumstances, students may petition for reinstatement. Please refer to the Financial Aid website for more SAP information.

Any student who completes 0 hours in a term may have to repay part or all of the aid received.

Note: Satisfactory Academic progress is applicable to students who receive financial assistance (or may receive financial assistance in the future). All students, regardless of financial aid status, are required to meet FGCU’s Academic Standing Policy. For more information on FGCU’s Academic Standing Policy, refer to the Academic Policies and Procedures section.

Taxable Financial Aid

Under the law, certain types of financial assistance, such as grants, scholarships, and fellowships, have limitations to the amount that can be excluded from the student’s reported income for tax purposes. Keep accurate records of the aid received and check with an expert in tax laws to complete income tax returns properly.

Graduate Assistantships

Graduate assistantships may be available through individual college departments. Contact the appropriate department chair.

Undergraduate Admissions Scholarships

All admitted undergraduate students, (First-Time-In-College and Transfer students), will automatically be considered for the Office of Admissions for merit scholarships. These awards are made by the Office of Admissions and are awarded to students based on academic merit. A separate application is not required. Students should meet the early scholarship consideration application deadline as published on the university’s web site in order to be considered for an Undergraduate Admissions Merit Scholarship.
Foundation Endowed Scholarships

Abernathy Port Charlotte Kiwanis Foundation - In Honor of John F. Abernathy Endowed Scholarship Fund
Advancement Trust Fund
Alico, Inc. Scholarship Fund
Alico, Inc. Scholarship Fund
American Association of University Women Endowed Scholarship Fund
Judge Isaac and Audrey Anderson Scholarship Endowed Fund
Anonymous Scholarship Fund
Balfour Beauty Construction, LLC Endowed Scholarship Fund
Bank of America Endowed Scholarship Fund
Bank of America Florida’s Community Scholars Program
Corporal Alfredo Bafios Scholarship Fund
William and Kathryn Beeken Scholarship Fund
Jean S. Benson Scholarship Fund
Mrs. Keith S. Benson Scholarship Fund
August and Elizabeth Beran Family Scholarship Fund
Bickel Family Scholarship Fund – In Memory of Jean M. Bickel
Blais, Case, Catti, D’Alessandro, Lucas, and Manone Families Scholarship Endowed Fund
Blue Cross and Blue Shield of Florida Nursing Scholarship Fund
Bonita Springs Area Chamber of Commerce Scholarship Fund
The Brooks Foundation Endowed Scholarship Fund
Keith Bullock Memorial Scholarship Endowed Fund
The Mrs. Bunny Foundation Scholarship Fund
Jackson Burgess Endowed Scholarship Fund
The Zelda Butler Memorial Scholarship Fund
Pat and Laura Cacho Family Scholarship Endowed Fund
The Caloosahatchee Chapter of the National Society of the Daughters of the American Revolution Endowed Scholarship Fund
Ruth M. and Cleveland L. Campbell Engineering Scholarship Fund
Ruth M. and Cleveland L. Campbell Engineering Scholarship Endowed Fund
Cape Coral Rotary Foundation Endowed Scholarship Fund
E. Odell Carlton and Golda Carlton Scholarship Fund
CAS Science Faculty Scholarship Fund
Charlotte Community Foundation, Inc. Endowed Scholarship Fund
Charlotte Regional Medical Center Scholarship Fund
Coastal Village Endowed Scholarship Fund
Brian and Denise Cobb Endowed Scholarship Fund
Harvey D. and Janet G. Cohen Scholarship Fund
College Club Apartments Endowed Scholarship Fund
Barron and Dana Collier Scholarship Fund
Gregory and Angela Valvo Collins Endowed Scholarship Fund
Colonial Bank Endowed Scholarship Fund
Community Health Association Scholarship Fund
Jack and Betty Conner Endowed Scholarship Fund
Jack and Betty Conner Fellowship Fund
Jack A. and Elizabeth A. Conner Scholarship Fund
Alan and Selma Cooper Endowed Scholarship Fund – In Memory of James Francis Cooper
Coopers & Lybrand Endowed Scholarship Fund
David and Karen Crowther Scholarship Endowed Fund
The Culinary and Hospitality Education Foundation of Southwest Florida Scholarship Fund
Udaya N. and Ira R. Dash Scholarship Fund
Betty Ann Denholtz Memorial Scholarship Fund
Duffus Family Scholarship Endowed Fund
Edison Garden Club - Peggy Karkalits Scholarship Endowed Fund
Ruth L. Faith Endowed Scholarship Fund for Women in Mathematics

The FGCU Alumni Association Scholarship Fund
The Florida Institute of Certified Public Accountants, Southwest Florida Chapter, Accounting Endowed Scholarship Fund
Paul and Aline Flynn Scholarship Fund
Fort Myers Women’s Network Endowed Scholarship Fund
Jules Freeman Scholarship Fund
Friends of East County Regional Library Scholarship Fund
Golden Apple Teacher Recognition Program™ Scholarship Fund
Graduate Business Association Endowed Scholarship Fund
Marvin and Helene Granick Scholarship Endowed Fund
Marvin and Helene Granick Scholarship Fund
David Graham/Urban Land Institute Scholarship Endowed Fund
Greater Fort Myers Chamber of Commerce Scholarship Fund
Carole Green Endowed Nursing Scholarship Fund
John and Dorothy Guignon Endowed Scholarship Fund
Harvard Jolly Architects Endowed Scholarship Fund
HSA Engineers & Scientists Endowed Fund
Florence Hecht Endowed Scholarship Fund
Heidi & Associates, Inc., Engineering Scholarship Endowed Fund
Dr. Denise Heinemann Nursing Scholarship Fund
Henderson, Franklin, Starnes & Holt, P.A. Scholarship Fund
Barbara and Joe Marlin Hilliard Scholarship Fund
Joe A. and “Tippy” Hilliard Scholarship Fund
Hollmyer-Tremont Endowed Scholarship Fund
Hispanic Council of Southwest Florida Endowed Scholarship Fund – In Memory of Mary Giglia Johnson
Ruth and Burt Holmes Endowed Scholarship Fund
David and Beth Howard Tennis Management Program Endowed Scholarship Fund
Mary Frances Howard Nursing Scholarship Fund
W. Thomas Howard/Gannett Foundation Scholarship Fund
Julian Hudson Fund for Undergraduate Marine Studies
Muriel K. Hudson Endowed Nursing Scholarship Fund
William J. and Lillian S. Hudson Endowed Scholarship Fund
Idelson Family Endowed Scholarship Fund
India Association of Fort Myers, Inc. Scholarship Fund
Johnson Engineering Endowed Scholarship Fund
Melissa C. Johnson Nursing Scholarship Fund
Dr. Melvyn J. Katzen Endowed Scholarship Fund
Pop and Mary Kelly Scholarship Fund
Kelly Foundation Scholarship Fund
Mabel and Arnold Keys Memorial Endowed Scholarship Fund
Kiwanis Club of Cape Coral Scholarship Fund
Kiwanis Club of Lehigh Acres Endowed Scholarship Fund
Kiwanis Club of Lehigh Acres Scholarship Endowed Fund
Klein Family Scholarship Fund – In Memory of Viola Odenheimer
James F. and Lynn E. Knupp Scholarship Endowed Fund #1 and #2
John Kontinos Endowed Scholarship Fund
The Kraft Construction Company Scholarship Fund
The Kraft Construction Family Scholarship Fund
Laboda Family Endowed Scholarship Fund
Lambros Family Scholarship Fund
Larsen, Allen, LLP Scholarship Fund
Sanford Lawton, Jr. Endowed Scholarship Fund
Silver Anniversary/Lee County Electric Cooperative Inc. Endowed Scholarship Fund
Lee Memorial Health System Endowed Scholarship Fund
Elaine P. and W. Bernard Lester Scholarship Fund
Veora and John R. Little Alumni Scholarship Endowed Fund
Professor and Mrs. E. L. Lord Endowed Scholarship Fund - Given by Richard W. and Esther A. Shaughnessy
Dorothea Low Endowed Scholarship Fund – In Memory of George E. Low

1 State of Florida Ethics in Business Scholarship Program
Scott Howard Malnak Memorial Scholarship Fund
Donald and Elizabeth Manchester Scholarship Fund
Roger and Nancy McCabe Scholarship Endowed Fund
Meflah Foundation Fund
Meflah Scholarship Foundation Fund
Edward R. Melton Scholarship Fund
William C. and Debra L. Merwin Scholarship Fund for Leadership Development
Mioromar Endowed Scholarship Fund
Moorings Park Foundation Scholarship Fund at FGCU
Moseley Title Foundation Endowed Scholarship Fund
Munters Corporation Endowed Scholarship Fund
Naples Women in Transition Scholarship Fund
Newman Oil Scholarship Fund
News-Press Publishing Company Scholarship Fund
Oakes Family Engineering Scholarship
Occupational Therapy Advisory Council Endowed Scholarship Fund
Charleen Belcher Olliff Endowed Scholarship Fund
Oswald, Tripe & Company, Inc. Endowed Scholarship Fund
The Thelma B. and Edwin M. Oulton Scholarship Fund
Owen-Ames-Kimball Company Endowed Scholarship Fund
Owen-Ames-Kimball Company Engineering Scholarship
Jane Foster and C. B. Pate Scholarship Fund
Periwinkle Garden Club Scholarship Fund
The Chesley Perry Endowed Scholarship Fund/Fort Myers Campus
Marlin R. and Alice M. Perry Scholarship Fund
Phi Beta Kappa Association of Southwest Florida Endowed Scholarship Fund
Physical Plant Scholarship Fund
John E. and Aliese Price Foundation Scholarship Fund
Red Tide Relief Endowed Fund
Real Estate Investment Society Endowed Scholarship Fund
SW Florida RIMS Chapter Scholarship Fund
Riverwoods Plantation Endowed Scholarship Fund
Kellie Jean Robinson Memorial Scholarship
Joyce and Emory H. Rogaski Endowed Scholarship Fund
Joyce Rogaski Graduate Fund
Rotary Club of Sanibel-Captiva Endowed Scholarship Fund – In Memory of William Angst
Rotary Foundation of Fort Myers South Endowed Scholarship Fund
Douglas R. St. Cerny Endowed Scholarship Fund
Douglas R. and Terri L. St. Cerny Scholarship Endowed Fund
George Sanders, Jr. Endowed Scholarship Fund
The Gene Sarazen/Professional Golf Management Scholarship Endowed Fund
The Schoen Foundation Veteran’s Scholarship Endowed Fund
Schwab Ready Mix Endowed Scholarship Fund
Scripps Howard Foundation Scholarship
Susan Price Shrader Memorial Scholarship Endowed Fund
Hans and Erna Siebert Fund for Excellence
George M. and Mabel H. Slocum Foundation Scholarship Fund
William W. and Joan K. Slocum FGCU Scholarship Fund
Grace Johnston Sneckenberger Endowed Scholarship Fund
Southwest Florida Chapter, P.G.A. Endowed Scholarship Fund
Southwest Florida Water Environment Association Scholarship Endowed Fund
Emma and C. Gilbert Spies Scholarship Fund
Robin and Duane Stranahan, Jr. Scholarship Fund
Margaret and Peter Sulick Endowed Scholarship Fund
Taste of Collier - In Honor of Ray & June Singer Scholarship Endowed Fund
Linda and Bob Taylor Endowed Scholarship Fund
Ronald L. & Teresa R. Thatcher Endowed Scholarship Fund – In Memory of Lucretia Nichols
Tier Electric Endowed Scholarship Fund
Town and Gown Endowed Scholarship Fund
U. A. Whitaker School of Engineering Excellence in Education Award Endowed Fund
United Christian Giving Scholarship Fund #1
United Christian Giving Scholarship Fund #2
United Christian Giving Scholarship Fund #3
United Christian Giving Scholarship Fund #4
US Bank, N.A. Endowed Scholarship Fund
US Sugar Endowed Scholarship Fund
George C. Van Rhee Scholarship Fund
Mary D. Van Slyke Memorial Scholarship Fund
Dolph and Sharon von Arx Fellowship Fund
Wachovia Foundation Scholarship Fund #1-3
Leah Walden Endowed Nursing Scholarship Fund
Lori Johnson Wallace Memorial Scholarship Fund for Music Pedagogic Excellence
Cecile Liston Wang Endowed Scholarship Fund
Val Ward Family College of Business Endowed Fund
Robert A. Weiss, Jr. Memorial Scholarship Fund
Jaynie and Stanley Whitcomb Endowed Fund
Steve and Rose Wilhelm Family Scholarship
Thomas and Donna Williams Scholarship Fund – In Memory of Wilma Gestefeld
Thomas and Donna Williams Scholarship Fund – In Memory of Florence Williams
Dr. Gerald C. Wrobel Memorial Scholarship Fund
Elizabeth Franklin, George & Carol Yovanovich Memorial Scholarship Endowed Fund
Zonta Endowed Scholarship Fund
Zonta for Women Scholarship Fund

1 State of Florida Ethics in Business Scholarship Program
TUITION, FEES, AND REFUNDS

Students are assessed tuition and fees based on rates and policies established by the State Board of Education, the Florida Legislature, and the University Board of Trustees. Tuition, fees, and the terms and conditions relating to the payment of tuition and fees, including cancellation of classes and requests for refunds, are subject to change without notice.

Students should review their Gulfline account to verify the accuracy of the information and charges. At the time of payment, the student should also review the payment receipt to verify that the payment was correctly posted and to verify the accuracy of any outstanding charges owed or arrangements noted.

Registration fees for course audits are the same as for resident fees. There is no ceiling (maximum) on the amount which a student may be assessed for a single term. Lab fees may be charged on certain courses. Consult the Registration Guidebook to locate the courses that require lab fees and the amount. Fees are subject to change as permitted by law. Additional fees may be added and special purpose fees may be assessed in some instances.

The following fees and charges are based on proposed rates; however, since the catalog must be published in advance of its effective date, it is not always possible to anticipate changes and the fee schedule may be revised. Every effort will be made to publicize changes in advance of the registration date for that semester.

Tuition and Fee Schedule

Tuition is defined as fees assessed to students for enrollment in credit courses at the university. Tuition is assessed according to resident or non-resident student classification and undergraduate or graduate course classification. Undergraduate level courses are numbered 1000 through 4999, and graduate level courses are numbered 5000 and above.

Per Credit Hour Fees

Tentative rates for 2008-2009 academic year are shown.

<table>
<thead>
<tr>
<th>Course Level</th>
<th>Florida</th>
<th>Non-Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>$125.92</td>
<td>$543.18</td>
</tr>
<tr>
<td>Graduate</td>
<td>$243.38</td>
<td>$895.55</td>
</tr>
</tbody>
</table>

Rates for 2008-09 are subject to change and are pending Board of Trustees approval.

The athletic fee shall not be included in calculating the amount a student receives for a Florida Academic Scholars, Florida Medallion Scholars or a Florida Gold Seal Vocational Scholars award.

SPECIAL FEES, FINES, AND PENALTIES

Application Fee (initial): $30.00 for each application; not refundable.

Late Registration Fee: $100.00. This fee will be automatically assessed when the student registers after the established deadline for registration (see Academic Calendar).

Late Payment Fee: $100.00. This fee will be automatically assessed when fees are paid after the established deadline for payments (see Academic Calendar). If applicable, this fee will be assessed in addition to the late registration fee described above.

Official Transcripts: $10.00 per transcript. No charge for unofficial transcripts.

Orientation Fee: Freshman $35; Transfer $35

Eagle ID card fees: $10.00 per academic year charge for Eagle ID card services.

Repeat Course Surcharge: $179.88 per credit hour for each such course. Each student enrolled in the same undergraduate course more than twice, shall be assessed an additional per credit hour fee. (See Repeat Course Surcharge in the Registration and Records section for additional information.)

Returned Check Fee: State law requires that a service fee be assessed on a check returned unpaid by the bank for any reason. If the amount of the returned check is $50.00 or less, a fee of $25.00 will be assessed. If the returned check amount is more than $50.00 but less than $300.00 a fee of $30.00 will be assessed. If the returned check amount is above $300.00, a fee of $40.00 will be assessed or an amount of up to 5 percent of the face amount of the check, whichever is greater. Only cash, cashier’s check, or money order can redeem checks returned by the bank. A personal check will not be accepted to replace a dishonored check. In addition, a $100 late fee may be assessed for returned registration checks received after the payment deadline.

Vehicle Registration and Transportation Access Fees:

These fees are included in your tuition costs. Your vehicle must be registered with Parking Services. You must register on-line through “Gulfline”. After registering on-line stop by the Parking Services office in the Campus Support Complex to pick up your parking permit/decal prior to parking on campus.

All motor vehicles must be registered with Parking Services with appropriate identifying information (tag number, state, vehicle make and color, etc.). Parking is on a first-come first-served basis. There is no fee for registering a bicycle; however, you are encouraged to register your bicycle if kept on campus.

LIBRARY FEES AND FINES

Regular loans, overdue: $0.25 per item per day.

Reserve loans, overdue: $0.25 per item per hour.

Replacement cost: $51.15 plus overdue fines.

Library fine: $0.25 per item per day.

Report lost library items immediately. For overdue items that have been lost, reporting the loss and making arrangements to pay for the replacement will stop further accumulation of overdue charges. Students who owe fines or replacement fees will not be permitted to register for classes or secure transcripts.

Account and Fee Payment

Fee payment deadlines are published in the Academic Calendar. Fees may be paid at the Cashier’s Office in person, by mail, or by credit card via gulfline. Fees paid by mail must be received by the Cashier’s Office on or before the published due date. The university is not responsible for cash left in the night depository or sent through the mail.

Personal checks are accepted for amounts due to the university. Checks for cash or above the amount due are not accepted. The university will not accept a check on any student’s account that has had two previous dishonored checks. Make checks payable to Florida Gulf Coast University and include the student’s ID number. Payments may be mailed to Florida Gulf Coast University, ATTN: Cashier’s Office, 10501 FGCU Blvd. South, Fort Myers, FL 33965-6555. Students may also use VISA, Master Card, Discover and American Express credit cards to pay for any charges on their account. Credit card payments are accepted at the Cashier’s windows or on the internet via gulfline.

Fee payment deadlines are strictly enforced. The university cannot extend the fee payment period beyond the time set in the official calendar. The university does not have the authority to waive late fees unless it is determined that the university is primarily responsible for the delinquency or that extraordinary circumstances warrant such waiver. Financial assistance is available to qualified students. Students who receive or are applying for financial assistance should contact the Financial Assistance Office to verify that the payment was correctly posted and to verify the accuracy of any outstanding charges owed or arrangements noted.
must:
To qualify as a Florida resident for tuition purposes, a student are classified either as "Florida" or "non-Florida" students. The and from policies approved by the State Board of Education University System of Florida are set by the Florida Legislature Tuition and fees at each member institution of the State Uni-

Cancellation for Non-Payment
Students are liable for tuition and fees associated with all courses in which they are registered at the end of the drop/ add period. The fee payment deadline is published in the Academic Calendar. Any student who has not made any effort to pay their tuition and fees by the published deadline will have their courses cancelled. All students who make an effort to pay by the published deadline will not be cancelled from their courses and are considered fee liable. The following is determined by the University as an effort to pay:

Any type of personal payment made towards the current term’s tuition (i.e. credit card, check, cash) and/or any type of Financial Aid & Scholarships, Grants, Tuition Waivers, Florida Bright Futures, Florida Pre-paid, and Third Party Contracts that are in the Authorized or Memo status on the Account Detail for Term Screen in GULFLINE for the current term.

Residency for Tuition Purposes
Tuition and fees at each member institution of the State University System of Florida are set by the Florida Legislature and from policies approved by the State Board of Education and the University Board of Trustees (UBOT). These fees are assessed on the basis of residency, i.e., enrolling students are classified either as "Florida" or "non-Florida" students. The following information is summarized from the Florida Statutes and from policies approved by the State Board of Education and the UBOT in establishing residency criteria.
To qualify as a Florida resident for tuition purposes, a student must:
- Be a U.S. citizen, permanent resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the U.S. Immigration and Naturalization Service; and
- Have established a legal residence in this state and maintained that legal residence for 12 months preceding the first day of classes of the term in which Florida residency classification is sought. The student’s residence in Florida must be as a bona fide domiciliary rather than for the purpose of enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students, as defined by IRS regulations, a parent or guardian must qualify); and
- Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the last day of the drop/add period for the term in which resident status is sought; along with a residence affidavit with the Office of Admissions:
  1) Documentation establishing bona fide domicile in Florida which is not temporary or merely incidental to enrollment in a Florida institution of higher education. The following documents will be considered evidence of domicile even though no one of these criteria, if taken alone, will be considered as conclusive evidence of domicile:
    a) Declaration of Domicile.
    b) Florida voter registration.
    c) Florida vehicle registration.
    d) Florida driver’s license.
    e) Proof of real estate ownership in Florida (i.e., deed, tax receipts).
    f) A letter on company letterhead from an employer verifying permanent employment in Florida for 12 consecutive months before the term in which resident status is sought.
    g) Proof of membership in or affiliation with community or state organizations or significant connections to the state.
    h) Proof of former domicile in Florida and maintenance of significant connections while absent.
    i) Proof of reliance upon Florida sources of support.
    j) Proof of admissions to a licensed practicing profession in Florida.
    k) Any other factors peculiar to the individual which tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual.

The Office of Admissions reserves the right to require additional documentation in order to determine the resident status of any student. Rent receipts, leases, employment records are not evidence of a legal Florida residence. If Florida residency status for the purpose of tuition is denied, the student may file an appeal to the residency officer in to Office of Admissions.

Reclassification is NOT automatic. All requests for change in residency for tuition purposes with supporting hard copy documentation should be submitted to the Office of the Registrar. Requests will be reviewed and approved if documentation meets the requirements. If the reclassification request is denied, the student may file an appeal to the Office of the Registrar. The decision of the Residency Appeals Committee shall be final.
Florida Prepaid College Plan (FPCP)
If the student owns a Florida Prepaid Plan (FPCP) it will automatically be assessed to the student’s account and notification will be sent via email. Any portion of the student fees not covered by the plan, such as local fees and applicable lab fees, must be paid by the student prior to the published last day to pay fees.

Refunds
Refunds are processed and mailed to the address shown on the registrant’s file for any student whose account shows an overpayment after the last day to pay fees. Students due refunds are not required to submit refund requests; refunds are automatically calculated. If there is an amount due in the accounts receivable system, that amount will be deducted from any refund due.

- 100% of registration fees and tuition will be refunded if notice of complete withdrawal or course withdrawal from the university is approved prior to the end of drop/add period.
- 25% of registration fees and tuition will be refunded if notice of withdrawal from ALL courses from the University is approved prior to the end of the fourth week of classes. Please refer to the withdrawal section under Registration and Records.

Return of Title IV Funds
A student who received Title IV (Federal Financial Aid) and subsequently changed enrollment status, will be subject to the repayment of Title IV aid as follows:

- If the student completed more than 60 percent of the term, he or she earned 100 percent of the aid for the period therefore, no repayment is due.
- If the student completed less than 60 percent of the term, the percentage of the term completed is the percentage of aid earned. This percentage is determined by the Financial Aid and Scholarships Office and may result in the student owing funds to the university and/or the Title IV program. Please refer to the Financial Aid section of this catalog.

Tuition Fee Appeals
The university may approve a fee adjustment of 100 percent after the fifth day of the term if a student drops a course or formally withdraws from the university due to circumstances determined by the university to be exceptional and beyond the control of the student. Request for fee adjustments must meet one of the following conditions:

- Death of the student or immediate family member (parent, spouse, child or sibling) as confirmed by documentation indicating the student’s relationship to the deceased. Death certificate is required.
- Involuntary call to military service. Copy of orders is required.
- Illness of student of such severity or duration to preclude completion of course(s). Written confirmation by a physician is required.
- A situation in which the university is in error as confirmed in writing by an appropriate vice president.

Appeals for tuition refunds must be submitted in writing to the Fee Appeals Committee within six months after the end of the term for which the refund is requested. There are no exceptions to this policy. The decision of the Fee Appeals Committee is final.

Reinstatement of Classes
Requests for reinstatement of registration for classes canceled for fiscal reasons must be submitted in writing to the Office of the Registrar. Requests for reinstatement must meet one of the following conditions: (a) the student’s registration was canceled through university error, or (b) the student was prevented from making timely payment due to extenuating circumstances beyond the student’s control.

Reinstatement must occur prior to or by the published deadline date and will apply to the student’s entire schedule and cannot be requested selectively for certain classes. All reinstated students will be assessed a late registration fee and a late payment fee. If reinstatement is granted, payment of tuition and fees in full must be received by the Cashier’s Office immediately. The decision of the Reinstatement Appeals Committee shall be final.

Tuition Waivers
Students using tuition waivers as part of their tuition payment must present the original and the student copy to the Cashier’s Office at the time of payment, on or before the last day to pay fees. Students who are responsible for a portion of their fees in addition to the waivers will be required to pay their portion by the published last day to pay fees. Refer to the Registration Guidebook for additional information, including registration guidelines for students using senior citizen tuition waivers. (See also Senior Citizen Tuition Waivers in the Registration and Records section of this catalog. See also Student Tuition Waivers in the Undergraduate Admission and Graduate Admission sections of this catalog.)

Veterans and Third Party Deferments
A deferment allows a student to pay tuition and fees after the published due date. Deferments do not relieve students of their obligation to pay.

Veterans shall be entitled to deferment in accordance with the provisions of Section 240.235, F.S. Veterans who demonstrate eligibility to receive veterans’ benefits may request deferment of tuition and fees by presenting their documentation to the Office of the Registrar at the time of registration. Depending on eligibility, the student will sign a promissory note for the full amount of the tuition and fees (Non-Chapter 31) or the student will be assigned to a Third Party payment contract whereby tuition and fees are paid directly to the university by Veterans Affairs (Chapter 31).

Deferment is also permitted when a third party has made formal contractual arrangements with the university for payment of a student’s tuition and fees. The university controller or designee must approve all third party contracts.
Academic Grievance Policy
See the Student Guidebook and the Ombudsman section of this catalog.

Academic Learning Compacts (ALC)
Academic Learning Compacts (ALC) describe for each baccalaureate degree program the expected student learning outcomes with regard to communication skills, critical thinking skills, and content/discipline knowledge and skills. Each ALC includes examples of assessment methods that may be used to determine student achievement of expected student outcomes. ALCs are available on the university website at http://www.fgcu.edu/OCI/alc.html

Academic Standards of Behavior
FGCU is committed to a policy of honesty in academic activities. Conduct that breaches this policy, including cheating, plagiarism, and falsification of university records, shall result in academic and/or disciplinary action. The Code of Conduct, published in the Student Guidebook, is a part of the terms and conditions of admission and enrollment and applies to all undergraduate students, graduate students, and student organizations.

Academic Standing
FGCU has established minimum academic standards to which all students must adhere.

Undergraduate Academic Standing
Academic actions, such as notice, warning, probation, first suspension, and indefinite suspension are applied to students who fail to meet these academic standards. Such designations do not allow the student to be considered in Good Standing – as defined below. All actions taken to enforce FGCU standards shall be reflected by notation on the student’s academic record; some of these notations can be permanent.

*Officially changing a course grade does not reverse these academic actions. An exception can be made when an error is committed and is stated on a Change of Grade form completed by the professor of a course.

Policies on academic warning, probation, and suspension are based on the premise that a student can overcome academic difficulty and make appropriate progress toward a degree. Colleges, schools, and departments may have academic regulations that are more restrictive than those established by the university. It is the student’s responsibility to become familiar with all unit regulations and program requirements.

Good Standing. A student is in good academic standing if he or she maintains the required cumulative GPA and is eligible to continue or to re-enroll at the university. The GPA requirements are: 1-18 grades hours – 1.81 or above; 19-36 graded hours – 1.91 or above; and 37 or above – 2.00 or above. In order to be eligible for graduation, the university requires students have a cumulative GPA of 2.00.

Academic Notice and Academic Warning.
A student who has 18 graded hours or less will be placed on Academic Notice when his/her cumulative grade point average (GPA) falls below or equals 1.80. A student who has between 19-36 graded hours will be placed on Academic Warning when their cumulative GPA falls below or equals 1.90. Academic notice and warning students will need to earn a minimum of 2.00 GPA each semester until his/her cumulative GPA reaches 2.00. Failure to reach 2.00 per semester will result in Academic Probation for the following semester. FGCU is dedicated to assist students on notice and warning status achieve academic success. Notice and warning status requires students to meet with the staff in the Center for Academic Achievement and then his/her respective academic/college advisors in order to register for the following semester. For additional information concerning academic warning, contact the Center for Academic Achievement.

Academic Probation. A student who has 37 or more graded hours is placed on Academic Probation when his/her cumulative grade point average (GPA) drops below 2.00. A student placed on academic probation must earn a minimum semester GPA of 2.00 for each semester after being placed on academic probation, until his/her cumulative GPA reaches 2.00 or higher. Failure to reach 2.00 per semester will result in First Academic Suspension for the following semester. FGCU is dedicated to assisting students on probation achieve academic success. A student placed on academic probation will be restricted from registration until he/she has met with a Center for Academic Achievement representative and their respective academic university/college advisors. For additional information concerning Academic Probation, please contact the Center for Academic Assistance.

First Academic Suspension. A student on Academic Probation who fails to earn a semester GPA 2.00 will be suspended. The first academic suspension may last for one semester; after which the student will return to probationary status. Prior to registering, suspended students must meet with the Center for Academic Achievement and with their respective academic university/college advisor to develop a plan for achieving a cumulative GPA of 2.00 or higher. Academic Suspensions are noted on the student’s official academic transcript.

Indefinite Suspension/Academic Dismissal. A student who has been re-admitted following the first academic suspension and who fails to achieve a semester GPA of 2.00 will be suspended indefinitely from the university. Re-admission will not be considered for a minimum of one year for any student who has been placed on indefinite suspension. indefinite suspension will be noted on the student’s official academic transcript.

Readmission after Indefinite Suspension. A student may petition the Academic Standards Committee for re-admission after the second semester of his/her indefinite suspension. Any petition for re-admission must be filed at least eight weeks prior to the semester in which re-admission is sought. The student’s request for re-admission must contain:

- A completed Request for Re-admission After Indefinite Suspension form.
- A personal statement and plan of action that would reflect a sincere change in attitude or lifestyle that would support the continuation and completion of his/her higher education.
- Letters of recommendation for re-admission from the following.
  a) The student’s university/college advisor.
  b) Program faculty who have taught the student and/or program leadership.
  c) Center for Academic Achievement Contact Log of Compliance or letter of support.
  d) Any other letter(s) of support the student wishes to submit.

The student’s request must be submitted with all documents attached by the stated deadline period to:

The Office of the Registrar, Florida Gulf Coast University,
10501 FGCU Boulevard South, Fort Myers, FL 33965-6565.
The student’s re-admission petition will be reviewed by the Academic Standards Committee and the student will be notified of the committee’s decision by mail. Students have the right to attend the Committee meeting in which their petition is being heard. Notification of review will be mailed to the student.

If the student believes that there is a procedural error, he or she may petition the university ombudsman for review. The decision of the Ombudsman may be appealed through the Provost Office. The provost (or designee) will make the final decision.

**Appeal Process.** A student may appeal his/her suspension status by submitting a written request, with documents supporting the circumstances, to the Office of the Registrar. Academic status appeals must be received no later than one week prior to the first day of classes for the term in which the appeal is sought. The Academic Standards Committee will review the appeal and provide notification to the student of the committee’s decision prior to the last day of registration for the term.

**Earning credit while suspended.** A FGCU freshman or sophomore student who receives a first or indefinite suspension and who subsequently receives an AA degree from another Florida public community college or SUS institution may seek to be re-admitted to the university. Students who attend other colleges or universities following first or indefinite suspension and re-apply for admission to FGCU will be classified as transfer students and re-admission will be based on total educational records.

**Assessment at FGCU**

One crucial function of any institution of higher education is the assessment of student learning. This happens at many levels; instructors assess students’ work in class to monitor progress in achieving course-specific learning objectives and assign grades; programs assess student learning to ensure that program graduates have attained acceptable levels of knowledge and skill necessary to succeed in their chosen field of study; and institutions assess academic programs to see that they are serving the institutional mission and that graduates of the program are providing some benefit for the community.

The most noticeable (and usually the most frequent) form of assessment of student learning may be program specific assessment; students are very familiar with instructor assessment of course learning goals and assigning of grades based on those assessments. The least noticed form of assessment is likely institutional assessment, which often occurs unobtrusively and is based on measures that do not require additional effort on the part of the student. Program assessment often involves both obtrusive and unobtrusive measures; when program level assessment measures are in addition to course level assignments, students are likely to be very aware of them. Obtrusive program level assessments are often standardized tests and may measure student achievement of general competencies (such as verbal, quantitative, and critical thinking skills), discipline-specific competencies (such as state licensing examinations for some professions) or other competencies of interest.

Program assessment may be required and monitored by bodies external to the university. At Florida Gulf Coast University, program level assessment is conducted by the Office of Curriculum and Instruction and by degree programs in accordance with mandates from the Florida Board of Governors, from our regional accrediting agency the Southern Association of Colleges and Schools (SACS), and from some discipline-specific regional accrediting agencies. Because program level assessment is used to communicate the quality of an institution’s educational programs to these external bodies, it is vital to the health of the university.

**Center for Academic Achievement**

The Center for Academic Achievement (CAA) strives to enhance students’ academic growth within the University’s learning environment. The basic CAA objective is to assist students in reaching their academic goals, and assist them in becoming independent and confident learners. CAA also strives to promote positive learning experiences for each student. The CAA accomplishes this objective through the Academic Retention Program, the Supplemental Instruction and Tutoring Program, mentoring, student skills workshops, and seminars. The Center for Academic Achievement is located in Library 103.

**College Advising**

All freshmen students will be referred to an academic advisor in the college of their declared major during the semester they anticipate completion of 24 credit hours. All undeclared/undecided students will be referred to an advisor in the College of Arts and Sciences for assistance in choosing a major.

Transfer students who are prepared to declare a major and who have 12 or more earned credit hours (including Florida public community college or university associate in arts degree holders) are required to attend an initial advising session with a college advisor during transfer orientation. While timely application to the university will ensure that articulation of credits is completed prior to orientation, it is recommended that students bring an unofficial copy of all transcripts to the orientation session. Students are encouraged to schedule regular advising sessions throughout the upper division program to monitor progress towards completion of all requirements for graduation. Please refer to the college sections of this catalog for more information regarding specific program requirements.

**CLAST College-Level Academic Skills Test**

CLAST is part of Florida’s system of educational accountability that satisfies the mandates of Section 1008.29, Florida Statutes, and is a condition of admission to upper-division status. The CLAST is an achievement test that measures attainment of mathematics and communication skills and consists of four (4) subtests: Essay; Reading; English Language Skills; and Mathematics. All students must pass the test or satisfy an alternative to receive an Associate of Arts or a Baccalaureate degree from a Florida public institution.

NOTE: Students admitted to FGCU who already have a baccalaureate degree from a regionally accredited institution are exempt from the CLAST requirement at FGCU.

**CLAST Testing Schedule**

The paper-and-pencil CLAST test is administered only once per semester: February, June; and October. The test is under the control of the University of Florida and has registration deadlines in January, May, and September. All four subtests of the CLAST can be taken on the paper test. Registration is completed in the Testing Center and must be done in person. The computerized CLAST Reading, English Language Skills, and Math subtests are administered in the Testing Center during normal work hours Monday through Thursday. There is a fee for the test and a student must come to the Testing Center to register for the test and schedule an appointment. Computer testing is by appointment only.
CLAST Holds
1. Although CLAST is a graduation requirement, it must be completed by the time a student has earned 60 credit hours or the end of their sophomore year.
2. A CLAST hold will be placed on a student’s records once the student has either attained 60 hours and not satisfied the requirement, OR has earned less than 60 hours but all coursework in math and English are complete and the student does not satisfy the CLAST requirements through alternatives.
3. A CLAST hold requires a student to take the test a minimum of once per semester. Additionally, a student must be making progress towards passing the test either by taking a course, enrolling in a CLAST workshop, or by participating in tutoring services.
4. A student who has successfully completed 3 of the 4 subtests may continue registering for classes each semester (as long as #3 above is satisfied) up to a total of 96 credit hours but not to exceed 36 credit hours at the upper-level (3000-4000).
5. A student who reaches 96 total hours (not to exceed 36 upper-level hours) will not be permitted to register for any further upper-level hours until CLAST is satisfied.

Transfer Students
CLAST regulations shall extend equally and uniformly to transfer students from other colleges and universities (Section 1007.261, Florida Statutes). Transfer students with 60 or more hours must take the test their first semester at FGCU.

CLAST Exemption/Alternative SBE Rule 6A-10.0311 (14) Mathematics
Exemption from the math subtest of the CLAST can be achieved by attaining a 2.5 grade point average in two (2) math courses algebra or higher as specified below. No grade can be less than a “C”; remedial courses with the course prefix of MAT are not eligible; and each course must be 3 credit hours or greater. A Statistics course can be used as one (1) of the two (2) courses. Note: Out-of-State transfer course work posted with no Florida common course number equivalency cannot be used to meet the CLAST alternative.

Option 1 Complete any two:
- MAC __102 College Algebra or any other MAC course with the last three digits greater than 102 or
- MGF __106 Liberal Arts Mathematics (Finite Math) or
- MGF __107 Liberal Arts Mathematics II (General Math) or
- MGF __202 Finite Math or any other MGF course with the last three digits greater than 202 or
- STA __014 Statistical Methods or any other STA course

Option 2 Complete both:
- MGF __106 Liberal Arts Mathematics I and
- MGF __107 Liberal Arts Mathematics II

OR
Complete any two of the following:
- MGF __113 Topics in College Mathematics I or
- MGF __114 Topics in College Mathematics II or
- MGF __118 Mathematics CLAST Review

Option 3
- MGF __106 Liberal Arts Mathematics I or
- MGF __113 Topics in College Mathematics I

And
- MAC __102 College Algebra or
- MAC __105 College Algebra

Higher-level math courses with a MAD prefix are also eligible.

The mathematics portion of the CLAST can also be satisfied by having the following ACT or SAT test scores:
- 500 math on the centered SAT or 470 math on the regular SAT (test date prior to April 1995)
- 21 on the math portion of the Enhanced ACT

Communications
Exemption from the three communications portions of the CLAST (Essay; Reading; English Language Skills) can be achieved by attaining a 2.5 grade point average in the courses listed below. No grade can be less than a “C”; remedial courses are not eligible; and each course must be 3 (3) credit hours or greater. Note: Out-of-State transfer course work posted with no Florida common course number equivalency cannot be used to meet the CLAST alternative.

- ENC 1101 Composition I and one of the following approved courses:
  - ENC 1102 Composition II
  - ENC 3250 Professional Writing
  - ENC 3310 Expository Writing

The communications portion of the CLAST can also be satisfied by having the following ACT or SAT test scores:
- 500 verbal on the centered or new version of SAT or 420 verbal on the regular SAT (test date prior to April 1995) or
- 22 on the reading portion of the Enhanced ACT (for CLAST Reading) or
- 21 on the English portion of the Enhanced ACT (for CLAST Essay & English Skills)

Accommodations
Any student with a documented disability on file with the FGCU Adaptive Services Office will be afforded any and all accommodations as specified by that office and permitted by CLAST regulations. Students seeking accommodations on the CLAST test who are not on file with the Adaptive Services Office, must begin by submitting required documentation to the Adaptive Services Office. Once the documentation has been evaluated, Adaptive Services will notify the Testing Center of the required accommodations.

Waivers
Section 1008.29, F.S., and SBE Rule 6A-10.0311(6), FAC, provide special consideration for students who have a specific learning disability and are unable to successfully complete one or more CLAST subtests.

Section 1008.29(6), F.S., and SBE Rule 6A-10.0311(7-13), FAC, permits a student who has failed a subtest(s) of the CLAST at least four times, to appeal for a waiver. In both cases, before such a waiver may be approved, the waiver must first have the recommendation, by majority vote, of the institutional committee established to review such waivers.

Please contact the FGCU Testing Office for further information.

Common Prerequisites
In 1996, institutions of higher education in the state of Florida, under legislative mandate and through the direction of the Articulation Coordinating Committee, established a list of common prerequisite courses for every degree program. The purpose of such a list is to provide students, especially those who plan to transfer between institutions, with information regarding the courses that they will need to take to be admitted into upper division programs.

Common prerequisites should be taken in the first two years of study. The common prerequisite coursework required for a particular program is dependent on the student’s year of matriculation and year of admittance into the upper division. Special guidelines apply to students who transfer from one public institution to another in the State University System or Community College System. For additional information, re-
fer to the college/program description in this catalog, contact a college advisor, or access the FACTS (Florida Academic Counseling and Tracking for Students) website at http://www.facts.org

Curriculum, Advising & Program Planning
Curriculum, Advising & Program Planning (CAPP) allows a student or advisor to track progress toward a university degree or certificate. It is an electronic auditing system that provides the user an unofficial compliance report mapping a multi-term course plan based on catalog year. Compliance reports assess in-progress coursework and satisfactory completion of published university degree requirements. CAPP is accessible through the Student Information System, GULFLINE located at https://gulfline.fgcu.edu/. If students require assistance regarding specific degree requirements, or encounter problems with the compliance report they should consult with their academic advisor.

Dual Majors
A student who satisfies the requirements for two majors (within the same college) while working toward a single baccalaureate degree will be awarded a single diploma; however, both majors will be indicated on the student’s permanent academic record. A dual major does not require a minimum number of credit hours beyond that necessary for completing degree requirements. A second degree, on the other hand, requires a minimum of 150 credit hours (see Earning Two Baccalaureate Degrees).

A student desiring to pursue dual majors is strongly encouraged to meet with his or her academic advisor. The student and advisor will determine the primary and secondary majors.

Both majors must be noted on the application for graduation. Once the degree has been awarded, subsequent coursework may not be added to create a second major within a degree.

Earning Two Baccalaureate Degrees
Students desiring to obtain two baccalaureate degrees from FGCU must meet the requirements for both degrees, earn a minimum of 150 credit hours, and work with the advisor of each degree program. The graduation application must indicate both degrees. (Policy under review and subject to revision.)

First Year Reading Project
Florida Gulf Coast University’s First Year Reading Project introduces incoming first-year students to the expectations of learning at an institution of higher education. All incoming first-year students read a common book during the summer, usually a novel or work of non-fiction, and work on two writing projects.

General Education
Website: www.fgcu.edu/general_education/
The university experience at FGCU is designed to prepare students for a rapidly changing world and workplace where professional careers demand a wide breadth of knowledge and value critical thinking and analysis, communication skills, teamwork, independent learning, and creative problem-solving. This preparation begins with a General Education program that blends innovation with tradition. Interdisciplinary courses demonstrate the relationship of knowledge across academic fields, while traditional courses offer depth or breadth in specific disciplines and fulfill upper division program prerequisites or accreditation requirements. Introductory and capstone experiences tie General Education into a coherent whole and launch the student toward acquiring the broad knowledge and perspective necessary for personal growth and success.

The General Education program at Florida Gulf Coast University, in accordance with state mandates, consists of 36 credit hours of coursework in the subject areas of communication, social sciences, humanities, natural sciences, and mathematics. Approved courses for each area are listed below. Where applicable, courses taken to meet state common prerequisites for a program may also be used to fulfill General Education requirements. All first-time-in-college students are expected to take ENC 1101 (Composition I) during their first semester at FGCU.

In accordance with the state articulation agreement (State Board of Education Rule 6A-10.024), a transfer student who has completed General Education requirements at any public university or community college in Florida prior to enrolling as a degree-seeking student at FGCU, and has this completion noted on his/her official transcript, shall be considered to have completed General Education. All other transfer students are expected to satisfy FGCU's General Education requirements. Transfer students’ transcripts will be evaluated to determine course equivalences and fulfillment of FGCU General Education requirements.

All courses listed are approved for meeting General Education requirements at FGCU. Courses marked with (W) can be used to satisfy a portion of the Gordon Rule writing requirement, and the mathematics courses can be used to satisfy a portion of the Gordon Rule computation requirement (State Board of Education Rule 6A-10.030). A grade of C or higher is required for all Gordon Rule coursework.

Communication (6 hours)
Each student must complete a two-semester sequence (ENC 1101-1102) in English composition. The sequence develops students’ communication skills in written formats; this includes reading critically as well as writing clearly in a variety of styles. Students may satisfy all or part of this requirement by satisfactory CLEP or AP English scores.

Mathematics (6 hours)
Mathematics and statistics courses give students competence in quantitative methods and an understanding of how those methods are used to describe and analyze the natural world. These courses also give students exposure to the theories and practice of mathematics, and to the unique nature of mathematical knowledge. They will have a practical component, giving students the opportunity to apply mathematical and statistical methods to “real-world” problems. All students must successfully complete either STA 2023 Statistical Methods or STA 2037 Statistics with Calculus, and an additional 3 credit hours of approved coursework at the college algebra level or higher.

One of the following:

STa 2023 Statistical Methods (3)
STa 2037 Statistics with Calculus (3)

Plus one of the following:

MAC 1105 College Algebra (3)
MAC 1147 Precalculus (4)
MAC 2157 Analytic Geometry with Trig (3)
MAC 2233 Elementary Calculus (3)
MAC 2311 Calculus I (4)
MAC 2312 Calculus II (4)
MAC 2313 Calculus III (4)
Humanities (9 hours)
At FGCU, the area of humanities includes literature, philosophy, religion, and the fine arts. Humanities courses provide students the opportunity to study the aesthetic dimension of human experience and to learn how people have given creative interpretations to events from differing perspectives. Students will learn the methods, suppositions, and theories of the chosen areas of study.

Required course:
HUM 2510 Understanding Visual & Performing Arts (3)

Plus six hours from the following:
AML 2010 Literature & Culture of US I (3)
AML 2020 Literature & Culture of US II (3)
ARH 2050 History of Visual Arts I (3)
ARH 2051 History of Visual Arts II (3)
ARH 2500 Survey of Non-Western Art (3)
CRW 2001 Intro to Creative Writing (W) (3)
ENC 2160 Intro to Nature Writing (W) (3)
ENL 2012 British Literature & Culture I (3)
ENL 2022 British Literature & Culture II (3)
HUM 1931 First Year Humanities Seminar (3)
HUM 2395 Environmental Humanities (3)
HUM 2930 Intro to Humanities (3)
IDH 2931 Honors Humanities Seminar (3)
LIT 2000 Intro to Literature (W) (3)
LIT 2110 World Literature & Culture I (3)
LIT 2120 World Literature & Culture II (3)
MMC 2xx Journalism and Society (3)
MUH 2110 Masterworks of Music (3)
MUL 2110 Intro to Music Literature (3)
PHI 2000 Intro to Philosophy (W) (3)
PHI 2016 Philosophy through Film (3)
REL 2306 Contemporary World Religions (3)
SPC 1600 Fundamentals of Communication (3)
SPT 2721 Latino Culture & Society (3)
The 2020 Intro to Theatre (3)
The 2300 Survey of Dramatic Literature (3)

Social Sciences (6-9 hours)
Students must successfully complete 6 to 9 semester hours of approved coursework in the social science disciplines. Social sciences courses include the disciplines of history, economics, anthropology, sociology, area studies, geography, political science, and psychology. Students will gain an understanding of historical and sociocultural perspectives and a sense of the evolution of societies and the various modes of interaction among peoples of the world.

Select 6-9 hours from the following:
AFA 2000 Intro Afr & Diaspora Studies (W) (3)
AFS 2250 Culture & Society in Africa (3)
AMH 2010 US History to 1877 (W) (3)
AMH 2020 US History since 1877 (W) (3)
ANT 2000 Introduction to Anthropology (3)
ANT 2100 Introduction to Archaeology (3)
ANT 2211 Peoples of the World (W) (3)
ANT 2410 Cultural Anthropology (3)
ASN 2005 Intro to Asian Studies (3)
ASN 2010 Civilizations of Asia: China & Japan (3)
ASN 2011 Civilizations of Asia: South Asia (3)
DEP 2004 Principles of Development (3)
ECO 1000 Survey of Economics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)

Natural Sciences (6-9 hours)
Students must successfully complete a minimum of two courses, totaling 6 to 9 semester hours, of approved coursework in the natural sciences that include biology, chemistry, geology, environmental studies, marine science, and physics. At least one course must include a laboratory or field component; courses meeting this requirement contain “C” in their course numbers. Courses will give students experience in the theories, principles, and practices of the natural sciences and will address the relationship of science with the modern world.

Select 6-9 hours from the following:
ANT 2511 Physical Anthropology (3)
AST 2002C Intro to Space Science (3)
AST 2004C Stellar Astronomy (4)
AST 2005C Intro to Astrobiology (3)
AST 2100C Solar System Astronomy (4)
BSC 1005 Biological Science (3)
BSC 1005L Biological Science Laboratory (1)
BSC 1010 General Biology I (3)
BSC 1010L General Biology I Laboratory (1)
BSC 1010C General Biology w/Lab I (4)
BSC 1011 General Biology II (3)
BSC 1011L General Biology II Laboratory (1)
BSC 1011C General Biology w/Lab II (4)
BSC 1020C Human Systems (3)
BSC 1051C Environmental Biology-SW Florida (3)
BSC 1085C Human Anat & Physiology w/Lab I (4)
BSC 1086C Human Anat & Physiology w/Lab II (4)
BSC 2024C Human Species (3)
BSC 2026 Biology of Human Sexuality (3)
BSC 2300C Biological Systems I (4)
CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry I Laboratory (1)
CHM 1045C General Chemistry I w/Lab (4)
CHM 1046 General Chemistry II (3)
CHM 1046L General Chemistry II Laboratory (1)
CHM 1046C General Chemistry w/Lab II (4)
CHM 1084C Environmental Chemistry (4)
CHM 2210 Organic Chemistry I (3)
CHM 2210L Organic Chemistry I Laboratory (1)
CHM 2210C Organic Chemistry w/Lab I (4)
Courses at another Florida institution will have these courses transferred to FGCU, to the extent of the college credit awarded. Transfer students who have taken one or more of the above courses, prior to entry into the upper division of a public university or college, shall complete successfully the following:

- Six (6) semester hours of English coursework and six (6) semester hours of mathematics coursework at the level of college algebra or higher. For the purposes of this rule, applied logic, statistics and other such computation coursework which may not be placed within a mathematics department may be used to fulfill three (3) hours of the six (6) hours required by this section.

A grade of C or higher is required for all Gordon Rule coursework which may not be placed within a mathematics department. All mathematics courses offered by FGCU except MAT 1033 (Intermediate Algebra) fulfill Gordon Rule requirements.

FGCU has designated certain courses as “writing-intensive” for the purpose of meeting part one of this rule. Courses that count toward Gordon Rule writing requirements include a statement in their course descriptions to that effect. Students are strongly urged to complete ENC 1101 Composition I before attempting any additional writing-intensive courses.

Gordon Rule
State Board of Education Rule 6A-10.030
Prior to receipt of an associate of arts degree from a public community college or university or prior to entry into the upper division of a public university or college, a student shall complete successfully the following:

- Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments.
- Six (6) semester hours of mathematics coursework at the level of college algebra or higher. For the purposes of this rule, applied logic, statistics and other such computation coursework which may not be placed within a mathematics department may be used to fulfill three (3) hours of the six (6) hours required by this section.

A grade of C or higher is required for all Gordon Rule coursework. All mathematics courses offered by FGCU except MAT 1033 (Intermediate Algebra) fulfill Gordon Rule requirements.

FGCU has designated certain courses as “writing-intensive” for the purpose of meeting part one of this rule. Courses that count toward Gordon Rule writing requirements include a statement in their course descriptions to that effect. Students are strongly urged to complete ENC 1101 Composition I before attempting any additional writing-intensive courses.

Graduation Requirements
Associate of Arts Degree
The following are minimum requirements for awarding the associate of arts (AA) degree:

- Earn a minimum of 60 semester hours with a cumulative GPA of 2.0 in all coursework attempted at FGCU.
- Satisfy general education requirements (36 hours of required and elective coursework in prescribed areas; see General Education section).
- Satisfy Gordon Rule requirements (see Gordon Rule section).
- Complete 15 of the last 30 credit hours at FGCU.
- Satisfactorily complete the CLAST or an approved alternative to CLAST (as designated by the State Board of Education).
- An AA degree is not automatically awarded. Students are required to apply within the deadline requirement.
- Application for AA must be submitted to the appropriate academic advisor for approval any semester after completion of the requirements but prior to an application for the baccalaureate degree.
- An Associate of Arts degree will not be awarded in the same term that the baccalaureate degree is to be awarded or in any term following the completion of the baccalaureate degree.
- A student may not be enrolled as a transient student in another institution during the term in which the Associate of Arts degree is to be awarded.
- The AA degree information and date of award are listed on the academic transcript.

Baccalaureate Degree
The following are minimum requirements for awarding the baccalaureate degree:

- Apply for graduation by the deadline indicated in the Academic Calendar.
- Recommendation by appropriate college advisor.
- Earn a minimum of 120 semester hours (certain majors may require more than 120 hours) with a cumulative GPA of 2.0 in all coursework attempted at FGCU. Colleges and departments may have requirements that exceed these minimums.
- Satisfy general education requirements (36 hours of required and elective coursework in prescribed areas; see General Education section).
- Satisfy Gordon Rule requirements (see Gordon Rule section).
- Satisfactorily complete the CLAST or an approved alternative to CLAST (as designated by the State Board of Education) and the writing and computation course requirements. (Successful completion of the CLAST is an admission requirement for undergraduate programs in the College of Education. Education majors cannot receive an exemption from the CLAST.)
- Earn a minimum of 48 hours of upper division coursework (courses numbered 3000 and above).
- Complete all program requirements.
- Complete the university service learning requirements.
- Complete the University Colloquium.
- At least 25% of the coursework required for the degree and 30 of the last 60 hours must be earned at FGCU.
- All students entering FGCU with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit to satisfy Gordon Rule requirements only if the course was so designated at the institution where the course was taken.

Note: Courses designated by Florida Gulf Coast University to satisfy the Gordon Rule are subject to change. Students should check with an academic advisor for up-to-date information.

Undergraduate Academic Policies and Procedures

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II (3)</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry II Laboratory (1)</td>
</tr>
<tr>
<td>CHM 2211C</td>
<td>Organic Chemistry w/Lab II (4)</td>
</tr>
<tr>
<td>EVR 2264</td>
<td>Environmental Health (3)</td>
</tr>
<tr>
<td>GLY 1000C</td>
<td>Physical &amp; Historical Geology (4)</td>
</tr>
<tr>
<td>ISC 1002C</td>
<td>Systems of Physical Science (3)</td>
</tr>
<tr>
<td>ISC 2930</td>
<td>Selected Topics in Interdisciplinary Science (3)</td>
</tr>
<tr>
<td>MCB 2101C</td>
<td>Microbiology w/Lab (4)</td>
</tr>
<tr>
<td>OCE 1001C</td>
<td>Marine Systems (3)</td>
</tr>
<tr>
<td>PCB 2336</td>
<td>Human Genetics (3)</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics w/Lab I (4)</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics w/Lab II (4)</td>
</tr>
<tr>
<td>PHY 2053C</td>
<td>College Physics w/Lab (I) (4)</td>
</tr>
<tr>
<td>PHY 2054C</td>
<td>College Physics w/Lab II (4)</td>
</tr>
<tr>
<td>AFA 2000</td>
<td>Intro to African &amp; Diaspora Studies (3)</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>US History to 1877 (3)</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>US History since 1877 (3)</td>
</tr>
<tr>
<td>ANT 2211</td>
<td>Peoples of the World (3)</td>
</tr>
<tr>
<td>CRW 2001</td>
<td>Intro to Creative Writing (3)</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I (3)</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II (3)</td>
</tr>
<tr>
<td>ENC 2160</td>
<td>Intro to Nature Writing (3)</td>
</tr>
<tr>
<td>ENC 3250</td>
<td>Professional Writing (3)</td>
</tr>
<tr>
<td>ENC 3310</td>
<td>Expository Writing (3)</td>
</tr>
<tr>
<td>IDH 2931</td>
<td>Honors Humanities Seminar (3)</td>
</tr>
<tr>
<td>IDS 3920</td>
<td>University Colloquium (3)</td>
</tr>
<tr>
<td>LAS 2000</td>
<td>Intro to Latin American Studies (3)</td>
</tr>
<tr>
<td>LIT 2000</td>
<td>Intro to Literature (3)</td>
</tr>
<tr>
<td>PHI 2000</td>
<td>Intro to Philosophy (3)</td>
</tr>
<tr>
<td>POT 3003</td>
<td>Political Theorists (3)</td>
</tr>
<tr>
<td>WOH 1023</td>
<td>World Civilization 1500-1815 (3)</td>
</tr>
<tr>
<td>WOH 1030</td>
<td>World Civilization since 1815 (3)</td>
</tr>
</tbody>
</table>

Students awarded college credit based on their demonstration of writing skills, or mathematics skills at the level of college algebra or higher, through one (1) or more of the acceleration mechanisms in Rule 6A-10.024, F.A.C., shall be considered to have satisfied the requirements in subsection 6A-10.030(2), F.A.C., to the extent of the college credit awarded.

Transfer students who have taken one or more of the above courses at another Florida institution will have these courses counted toward Gordon Rule requirements only if the course was so designated at the institution where the course was taken.

Undergraduate Academic Policies and Procedures
hours of credit prior to graduation by attendance during one or more summer terms. The university may waive the application of this rule in cases of unusual hardship (see Summer Enrollment Requirement).

- Satisfy State of Florida foreign language admission requirement.

Minors

Minors are available in some colleges/schools. Minors must be indicated on the Application to Graduate and must be certified in conjunction with the baccalaureate degree. Certification will not be made at a later time even if additional courses have been completed.

Honors Program

The University Honors Program offers special opportunities for superior students to pursue challenging academic work that is tailored to individual interests and abilities. The Honors Program emphasizes more than just courses and grades; it provides opportunities for students to participate in creative activities outside of the classroom. Further, the Honors Program is built around a commitment to community service and civic engagement—guiding principles of Florida Gulf Coast University.

The Honors Program is university wide and open to students entering at the freshman through junior levels. Prospective honors students must meet high academic standards and should be interested in developing themselves beyond the traditional classroom setting. Current FGCU students should have a G.P.A. of 3.5 or higher. Our application is available through our webpage, www.fgcu.edu/honors.

There are many benefits to participating in the Honors Program. It offers courses that are quite unique. They range in nature from courses that take a unique view of a particular subject matter, to courses that are offered outside FGCU, to honors sections of general education courses. Moreover, the University Honors Program offers scholarships and special events and activities that are available only to students in the program. Resident students of the Honors Program can request to be placed in Honors Housing. All students in the Honors Program enjoy priority registration and have extended library privileges.

Each student who fulfills Honors Program requirements is given special recognition at graduation, and a certificate is included on the student’s official transcript. Successful completion of an honors program curriculum demonstrates an individual’s ability to study independently, yet collaboratively, and to achieve excellence; qualities that are valued by professional schools, graduate schools, and employers.

Quality Enhancement Plan (QEP)

www.fgcu.edu/qep

The Quality Enhancement Plan (QEP) at Florida Gulf Coast University (FGCU) addresses student learning and institutional effectiveness. The ultimate goal of FGCU’s Quality Enhancement Plan is to improve student learning in two of the university’s Undergraduate Student Learning Outcomes, specifically #3 “An Ecological Perspective” and #9 “Community Awareness and Involvement” by employing teaching and learning strategies that emphasize experiential learning, scholarly dialogue, and interdisciplinary engagement. The QEP provides an opportunity to systematically evaluate student learning in these areas and to develop strategies to refine curriculum and enhance student learning as part of an on-going plan of continuous improvement. The plan was developed with campus-wide input and its success depends on continued input from all parties with a vested interest in the quality of education at FGCU.

The topic of improving student learning in these two areas was selected because it reflects the university’s mission statement, accreditation criteria, and the priorities of faculty, administrators, and the academic community. The plan has broad university support; reflects the interests of the entire academic community and beyond; is consistent with the university’s Guiding Principles, which are deeply embedded in the institution’s culture; is congruent with the university’s mission and strategic plan; provides opportunities to incorporate evidence-based practice into successful student learning activities and educational processes that are already in place; and provides a framework for addressing goals and outcomes in multiple settings. In addition, the QEP is forward-looking in that it will focus attention on how a new institution with a unique mission can maintain and improve quality as it grows and matures.

Senior Seminar

Each program includes a three-credit-hour Senior Seminar, which provides a capstone educational experience for students in the college or major. These capstone courses integrate skills and knowledge gained from particular programs and broaden students’ awareness and understanding of disciplines related to their chosen field.

Service Learning Eagles-Connect

As a partner in the community, FGCU makes service an important part of its mission. Students are brought into this partnership through EaglesConnect, the service-learning program. Service-learning activities provide structured learning experiences in community settings and are designed to fulfill specific undergraduate learning goals and outcomes, reinforce and enhance classroom learning, and meet community needs. The ultimate goal of the Eagles-Connect program is to involve students in their communities in ways that encourage lifelong commitments to civic engagement.

Service-learning is an undergraduate degree requirement at FGCU. A student entering FGCU as a freshman or a sophomore must complete a total of 80 approved service-learning hours prior to graduation. A student transferring to FGCU as a junior or senior must complete 40 hours before graduation.

Students are responsible for seeking prior approval for their service-learning experiences from the Center for Civic Engagement. This office develops service sites, provides the forms necessary to verify service-learning hours, and ensures service-learning hours are documented. The Center for Civic Engagement is located in the 4th floor of the library building.

Nearly 200 agencies and organizations list service-learning opportunities with the Center for Civic Engagement. The EaglesConnect web site (www.fgcu.edu/connect/) includes a database of service sites, a service-learning handbook, a listing of upcoming group service-learning projects, and a service-learning newsletter.

EaglesConnect staff and FGCU faculty members help students design learning experiences to meet their needs and interests. Service-learning experiences are structured to meet community needs, and, equally important, these activities are planned to ensure they provide learning experiences. Service-learning activities help students learn new skills, explore career options, and develop an understanding of their communities and the ways they can effect change in them based on empathy and respect for others.

Circle of Friends: Community Tutoring Partnerships, is an
EaglesConnect program that places trained tutors in selected elementary schools where students fulfill service-learning hours by tutoring. Students eligible for federal work-study funds may elect to be paid for tutoring rather than receiving service-learning hours.

University Colloquium
FGCU has structured its curricula to emphasize the interrelationship of knowledge across disciplines and to provide students with the ability to think in whole systems. A three credit hour course, University Colloquium, brings together students and faculty from all disciplines in an interdisciplinary learning experience. The university’s guiding principles and values are discussed in this course, and students are expected to develop critical thinking and communication skills. Because this course is required for all undergraduates, the University Colloquium is housed within the Office of Curriculum and Instruction.

The University Colloquium: A Sustainable Future
“We have made a commitment as a university to make environmental education an integral part of our identity. One of our university-wide student learning outcomes is that all students will develop ‘an ecological perspective.’ A way to accomplish this perspective is to devise a course, or group of experiences, with an environmental focus that all FGCU students must complete, and in which faculty from all colleges are involved. Because ‘ecology’ applies to our total living space and interrelationships, human and natural, it is relevant to all of our disciplines and professions. Thus, an ecology course would touch on all nine of the university-wide goals and outcomes, and more. Students would not only be introduced to FGCU values, they would participate in them.” (Adopted at the Deans Council, 15 January 1997)

The University Colloquium is an interdisciplinary course designed to explore the concept of sustainability as it relates to a variety of considerations and forces in Southwest Florida. In particular, we consider environmental, social, ethical, historical, scientific, economic, and political influences.

The goals for students are to:
• Provide a sense of place and an understanding of the unique ecological features of the Southwest Florida environment.
• Assist in achieving the Florida Gulf Coast University learning goals of developing “an ecological perspective” and a commitment to “community awareness and involvement” and in teaching the related outcomes that state that the student will “know the issues related to economic, social, and ecological sustainability; analyze and evaluate ecological issues locally and globally; and participate in collaborative projects requiring awareness and/or analysis of ecological and environmental issues.”
• Provide experiences to assist in moving toward achieving the seven other FGCU learning goals and their related outcomes.
• Enable a working understanding of sustainability, of environmental education, and of ecological literacy.

Writing Center
Writing Center services are available to assist students in improving their writing assignments for Florida Gulf Coast University courses. Writing Center Consultants help students develop their abilities by providing assistance with prewriting, writing, and revising strategies. Writing Consultants also work with students to facilitate improvement in mechanics and documentation format. The FGCU Writing Center is located in Library 202.
GRADUATE ACADEMIC POLICIES

Academic Advising
Students who are completing the application process or have been admitted to a graduate program are matched with a program coordinator or a faculty/staff advisor. Please refer to the relevant program description in this catalog or contact the Office of Graduate Studies for additional information.

Academic Grievance Policy
See the Student Guidebook and the Ombudsman section of this catalog.

Academic Standards of Behavior
FGCU is committed to a policy of honesty in academic activities. Conduct that breaches this policy, including cheating, plagiarism, and falsification of university records, shall result in academic and/or disciplinary action. The Code of Conduct, published in the Student Guidebook, is a part of the terms and conditions of admission and enrollment and applies to all undergraduate students, graduate students, and student organizations.

Academic Standing/Academic Progress
Colleges, schools, and departments have established regulations governing academic standing and academic progress at the graduate level. It is the student’s responsibility to become familiar with unit regulations and program requirements.

Graduation Requirements
The following are minimum requirements for the master’s degree. Individual program requirements may exceed the minimum listed below.

- Apply for graduation by the deadline indicated in the university calendar.
- Earn a minimum of 30 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.
- At least 20 hours of the coursework for the degree must be non-thesis.
- A majority of the credits toward a graduate or post-baccalaureate professional degree must be earned through FGCU.
- Complete all program requirements, as determined by the appropriate college.

Consult with program coordinators for specific details regarding graduation requirements.

Thesis Preparation Guidelines
A number of the graduate programs at FGCU require the completion of a research thesis. Programs should be contacted directly to determine if the degree is thesis-based. Specific guidelines for the construction, format, and filing of a thesis are prescribed by the University. Those guidelines can be obtained by contacting the Office of Graduate Studies or your program coordinator.

Application to Graduate
An Application to Graduate form must be submitted to the appropriate college advisor in the term of expected graduation by the deadline noted in the academic calendar. By submitting the form, a student initiates the process of verifying degree requirements and ensures that commencement information and registration form is sent to the student. If an application for graduation is denied, a new application must be submitted by the deadline in the new term.

It is the student’s responsibility to clear all incomplete (I) grades and to provide official transcripts of all transferred coursework needed for graduation prior to the application deadline. A student taking an incomplete (I) in any course during the semester in which they have applied to graduate will be denied graduation for that semester. Grade changes and transfer work received after the degree statement has been posted to the transcript will not be incorporated into the degree.

Commencement
Commencement ceremonies are held twice a year, in May and December. Florida Gulf Coast University offers a candidate ceremony and not a degree conferral ceremony. Degrees for all candidates who complete degree requirements will be certified by the appropriate college after the official close of the term, as noted in the academic calendar. Degree information and diplomas are made available within 4-6 weeks after the close of the term.

The May commencement is for graduation candidates who have completed or plan to complete all degree requirements in the spring term. The December ceremony is for graduating candidates who have completed or plan to complete all degree requirements in the summer or fall terms. Students who submit graduation applications by the published deadline will receive commencement information.

Students who wish to walk early (participate in a commencement exercise other than the one designated for their term of completion) must submit a Petition to Walk Early and must meet the requirements for such. The petition can be obtained from the Office of the Registrar or college faculty advisor and must be submitted through the student’s college/faculty advisor no later than the date provided on the form. All petitions that meet the guidelines will be approved on a space available basis. Space availability is based on the number of applied candidates and seating limits of the commencement location.

For more graduation and commencement information, go to the Office of the Registrar web site: http://www.fgcu.edu/registrar/commencement.html.

Office of Graduate Studies
The Office of Graduate Studies, within the Office of Academic Affairs, serves three principle functions for Florida Gulf Coast University: (1) to ensure that the graduate educational needs of Southwest Florida are well served; (2) to provide support and facilitation as the University’s graduate programs grow in breadth, depth, and reputation; and (3) to maintain the highest level of standards and accountability in graduate education. The Graduate Studies Director and staff work cooperatively with the College Deans and Graduate Program Coordinators and Advisors to recruit and retain graduate students, to plan and develop new graduate programs, to expand and promote existing programs, to develop and enforce policies and procedures, to provide resources for the graduate faculty and students, and to facilitate program assessment and accreditation. In addition, the Office oversees the graduate admissions process.
Mission Statement

The College of Arts and Sciences (CAS) at Florida Gulf Coast University is dedicated to providing a quality liberal arts education that is the foundation for a free and just society. As a community of scholars, we seek to foster intellectual breadth and depth, reasoned and civil inquiry, intercultural understanding, an ecological perspective, and civic engagement in order to prepare students for a life in the 21st century that is at once informed, examined, and engaged. We support scholarly activity that advances teaching and contributes to the broader intellectual, artistic, and professional communities. Our college faculty and administration share the belief that interdisciplinary collaboration and scholarship enhance our individual disciplines and benefit our students. We further acknowledge that service to the southwest Florida community is a public trust and a social responsibility. In all of our activities, we are committed to celebrating and nurturing human freedom and elevating the human spirit.

Founded on the university’s student learning goals and emphasizing the integration of knowledge across disciplines, our programs in the arts, humanities, natural sciences, and social sciences offer students the opportunity to develop the knowledge, skills, and values necessary for success in their professional careers along with the philosophical, scientific, and artistic habits of mind indispensable for a democratic society and a rewarding personal life. We challenge students to express informed convictions, exercise independent judgment, and make a lifelong commitment to learning. By encouraging tolerance, generosity, humility, wisdom, creativity, and courage, we strive to prepare students for a rapidly changing world, constructive engagement with diverse cultures and beliefs, responsible participation in their communities, and a deeper appreciation of the beauty and scope of human experience.

Scholarly activity provides a source for the creation and communication of artistic insights, fresh ideas, and current information related to our teaching, our individual disciplines, and to the integration of knowledge that lies at the heart of our liberal arts mission. Through scholarship, we interact with colleagues in the academic community and in the southwest Florida region. Likewise, in our service, we expand the boundaries of the university and join a wider community in nurturing a sustainable and enriched society.

Admission to Undergraduate Programs

In general, admission to undergraduate programs in the College of Arts and Sciences is open to all students who have been accepted to Florida Gulf Coast University, are in good academic standing, and have completed the common prerequisite courses with a grade of C or higher. Some programs, however, have additional admission requirements. These requirements are listed with the program descriptions.

Undergraduate Advising

239-590-7196

Students must meet with a college advisor prior to entrance into any of the programs. A signed advising contract, which serves as a check sheet of requirements, is required.

Required courses are discipline-specific courses that must be taken in a major. Elective courses are chosen by the student within limits established by the major and in consultation with an academic advisor. It is anticipated that elective courses for
the majors will be offered periodically; however, students are encouraged to consult with an advisor regarding the availability of specific courses.

Minimum Requirements for Baccalaureate Degrees

- Students must satisfactorily complete a minimum of 120 credit hours with a cumulative GPA of 2.0 in all coursework attempted at FGCU, including at least 48 upper division hours (courses numbered 3000 and higher) and 36 credit hours of approved general education coursework in the subject areas of communication, mathematics, social science, humanities, and natural science (refer to General Education section). A minimum of 30 of the last 60 credit hours must be earned at FGCU. Specific programs may have higher minimum hours.
- Students must satisfy the following requirements: CLAST, foreign language, and Gordon Rule writing and computation.
- The State of Florida has identified common prerequisites for all university programs. All students entering a particular field of study must complete these courses, and universities must accept and apply the specified courses toward the degree. The common prerequisites should be taken in the first two years of study. Some courses may meet general education requirements, as well as fulfill common prerequisite requirements; however, a course may not be used as both a common prerequisite and a required or elective course within a major. Common prerequisites for College of Arts and Sciences programs must be completed with a grade of C or higher prior to beginning coursework in the major. The applicable common prerequisites are listed with the information for the major.
- Students must complete coursework in a chosen major including electives in the major with a minimum grade of C in each course.
- Students must complete additional university requirements for the baccalaureate degree, including service learning hours, summer registration requirement, and IDS 3920 University Colloquium (3 credit hours). For more information about service learning, please contact a college academic advisor or the EaglesConnect office (www.fgcu.edu/connect/). A complete list of graduation requirements for the baccalaureate degree is included in the College of Arts and Sciences advising contract.

Minimum Requirements for Minors

The following requirements apply to all minors in the College of Arts and Sciences:
- Prior to beginning the coursework for the minor, a student should meet with a CAS advisor to apply for the minor.
- All courses in the minor must be completed with a grade of C or better.
- A minimum of 12 credits of the minor must be completed at FGCU.
- A student desiring certification of a minor and designation on the transcript must:
  o Note the minor on the Application for Graduation;
  o Contact a CAS advisor to certify the completion of the minor coursework; and
  o Meet all the requirements for the chosen minor as listed in the university catalog.

Admission to Graduate Programs

Application deadlines for CAS graduate programs are listed on the FGCU Graduate Studies website. Prior to admission to a graduate program, students may complete a maximum of nine credit hours of graduate level courses on a non-degree-seeking basis. Minimum admission requirements for each degree program are listed under that program’s heading.

Graduate Advising

Following admission to the program, students work with the Graduate Studies Coordinator in their program to determine their course of study.

Bower School of Music

Nancy Cobb-Lippen, D.M.A., Founding Director
Program Coordinator: Pam Harkins 239-590-7851

Music Modular Building
Faculty:
M. Baron, D.M.A.; R. Chesnutt, Ph.D.; J. Darnell, D.M.A.; D. Hess, Ph.D.; D. Thurmaier, Ph.D.

Degree: Music (B.A.)
Minor: Music

The mission of the music program at FGCU is to offer students musical and academic preparation for a career in music while also providing preparation for life in the 21st century through general education and interdisciplinary studies. Studies in music will balance development of the student’s individual musical skills (performance area and musicianship studies), the thorough study of musical structure and style (music theory, history and literature studies), group performance skills (ensembles) and leadership skills (conducting, pedagogy and methods courses). The 21st Century context requires that musical studies also include knowledge of available technology and diverse music from around the world. The B.A. in Music program develops highly-skilled musicians who are also broadly-educated, responsible citizens making a difference in society through connecting their art to a diverse world.

Department of Biological Sciences

Chair: Bette Jackson, Ph.D.
Executive Secretary: Claire Dupres 239-590-7153
Whitaker Hall 234


Degree Programs: Biology (B.A. and B.S.); Biotechnology (B.S.)
Minor: Biology

The B.A. in Biology program integrates a biological science disciplinary course of study with an issues-based interdisciplinary core. The science curriculum provides groundwork in the chemical, mathematical, and physical sciences, as well as a broad foundation in the biological sciences. The program prepares students for entry-level science positions, graduate study in the biological sciences, and professional studies such as optometry, veterinary medicine, dentistry, pharmacy, and medicine.

The B.S. in Biology program offers two options: the Accelerated 3+4 Pre-Medicine option and Pre-Professional option. The core curriculum provides a background in the chemical, mathematical, and physical sciences, as well as a broad basis in the biological sciences that prepares students for continued education in medicine and other professional programs of study. The Accelerated 3+4 Pre-Medicine option is offered through an agreement with the University of South Florida College of Medicine. The Pre-Professional option provides a rigorous curriculum giving students the opportunity to select courses that will prepare them for admission to a professional school for a career in areas such as allopathic and osteopathic medicine, dentistry, veterinary medicine, optometry and pharmacy.
The B.S. in Biotechnology program provides students with opportunities to understand living organisms at the cellular and molecular level. The curriculum emphasizes hands-on learning and provides undergraduate research experiences. Students learn how to apply biological knowledge to solve current problems in fields such as Agriculture, Medicine, and Environmental and Marine Sciences. Graduates are prepared to pursue advanced studies in the sciences; to enter professional studies at medical, dental, veterinary, or pharmacy schools; or to enter the workforce in industrial, academic, or governmental laboratories.

Department of Chemistry and Mathematics
Chair: Richard Schnackenberg, Ph.D.
Executive Secretary: Kathy McElroy 239-590-7195
Whitaker Hall 258

Faculty:

Degree Programs: Chemistry (B.A.); Mathematics (B.A.)
Minors: Chemistry; Mathematics (B.S.)

The B.A. in Chemistry program provides students with opportunities to study the properties of matter, the physical material of the universe. Students will gain an understanding of nature and the world we live in through core courses in the major. Applications of chemistry to issues that affect daily life such as production and detection of pollutants, vitamins, and agricultural products, will also be studied and related to basic chemical concepts. Pedagogically, lectures are combined with group problem-solving activities with an emphasis on lab-centered, hands-on learning rather than the traditional lecture format.

The B.A. in Mathematics program provides opportunities for students to develop general analytical and problem-solving skills and gain specific knowledge. The world is rapidly becoming more quantitative, and mathematicians and statisticians are in increasing demand in a wide range of fields, including business, agriculture, computer science, communications, engineering, environmental studies, government, and the natural and social sciences. Students study up-to-date discoveries in mathematics that are being used in modern theory and applications, making use of the latest technological tools for investigating mathematical and statistical concepts and problems. Students practice solving real-world problems.

The B.S. in Mathematics program appeals to students who are candidates for graduate study in mathematics, science, or engineering, by providing a more concentrated mathematics curriculum than found in the Mathematics B.A. degree. The program carries over the balance between theory and application from the B.A., and gives attention to the major sub-disciplines within mathematics, so students will emerge with a versatile background that is broad as well as deep.

Department of Communication and Philosophy
Chair: Glenn Whitehouse, Ph.D.
Executive Secretary: Emilly Moretta 239-590-7263
Reed Hall 203

Faculty:

Degree Programs: Communication (B.A.); Philosophy (B.A.)

Minor: Interdisciplinary Studies, Philosophy, Religious Studies

The B.A. in Communication provides a solid foundation for students seeking careers in numerous fields including business, law, journalism, public relations, mass communication, and environmental communication. Students develop thinking, speaking, and writing abilities while also developing practical, professionally marketable skills. Coursework emphasizes communication studies, public relations, political communication, and environmental communication.

The B.A. in Philosophy provides a solid grounding both in the history and in the practice of philosophy. Graduates are prepared in a variety of critical thinking methods that are applicable in many areas of intellectual and practical endeavor. The program is organized among three categories of courses: Philosophical Methods, the theory and practice of different ways of philosophizing; History of Philosophy, the tradition of arguments that forms the basis for contemporary philosophy; Applied Philosophy, the philosophical reflection applied to different intellectual and practical subjects. A distinctive emphasis of the program will be student performance of philosophical skills, including oral argumentation.

Department of Language and Literature
Chair: Jim Brock, Ph.D.
Executive Secretary: Lynne Garcia 239-590-7198
Reed Hall 207H

Faculty:

Degree Programs: English (B.A. and M.A.); Spanish (B.A.)

Minors: Creative Writing; English; Spanish

The B.A. in English program provides students with opportunities to develop skills that enhance their ability to thrive in dynamic, vibrant cultural landscapes; that initiate a lifelong process of inquiry, exploration, and discovery; and that can be applied in changing professional and personal settings. The program teaches research, analysis, and argumentation skills that allow students to evaluate and interpret texts from a variety of perspectives. Literary and cultural studies promote an awareness that extends beyond aesthetic appreciation: students enrich their understanding of themselves and their world by delving into underlying causes, formulating and communicating complex ideas, and exploring the converging forces that produce cultural beliefs and artifacts.

The M.A. in English program provides students with graduate education in the study of literature and culture as well as expository and creative writing. The program is designed to provide advanced instruction in literary analysis with an emphasis on critical thinking skills and research and communication skills. The program prepares students for beginning or
advancing their teaching careers at the elementary, secondary, and community college levels. Additionally, the degree is designed to prepare students who wish to continue their studies in Ph.D. programs in English and American Studies. The M.A. in English can also be considered a terminal degree for those planning careers in various professional fields in business and government, including writing, editing and publishing, advertising and public relations, and business administration and management.

The B.A. in Spanish program provides students with a broad background in the Spanish language and the different cultural groups that have been influenced by that language. Students who major in Spanish have the opportunity to explore a wide variety of topics and subject areas through face-to-face interaction, field experiences and, in some instances, study abroad opportunities.

Department of Marine and Ecological Sciences
Chair: Aswani Volety, Ph.D.
Executive Secretary: Caroline Campbell 239-590-7197
Whitaker Hall 245

Faculty:

Degree Programs:
Anthropology (B.A.); Environmental Studies (B.A.); Environmental Science (M.S.); Marine Science (B.A.)

Minors: Anthropology
The B.A. Anthropology program integrates a wide range of perspectives on human behavior, culture, and society. Students learn the basic concerns and approaches through four sub-fields of the discipline: archaeology, physical anthropology, cultural anthropology, and anthropological linguistics. This major is for anyone interested in working with people in all of their cultural diversity, solving social problems, teaching social sciences, and examining human behavior and biology from an evolutionary point of view.

The B.A. in Environmental Studies program emphasizes the study of critical environmental issues facing our planet. The program offers integrated interdisciplinary learning experiences based in the classroom, in the laboratory, in the field, and off-campus. Students develop skills and experience in gathering, analyzing, and synthesizing information; applying the process of science to public policy development; communicating effectively, solving problems, and working collaboratively in professional settings; applying systems perspectives to environmental issues that involve the historical, cultural, economic, and ecological considerations.

The B.A. in Marine Science integrates traditional scientific disciplines by focusing them on the study of the world’s oceans and coastal waters. The program combines aspects of biology, chemistry, geology, mathematics, and physics in order to provide a well-grounded education in the natural sciences, and applies a systems approach to identifying and understanding the roles the oceans play in the functioning of our planet. The program is designed to train students to obtain jobs related to science and technology in both governmental and industry, and the expanding environmental field.

The M.S. In Environmental Science prepares students for a career as environmental professionals or for those wishing to enter a PhD program. It is designed to meet the needs of students currently employed in the field, recently completing an undergraduate degree, or for those interested in a career change. The core of the program focuses on understanding the science of ecology, the utilization of scientific methods, and the application of the concept of sustainability. Students are expected to pursue interests in organismal ecology, ecosystem ecology, marine science, environmental education, or environmental policy and planning.

Department of Social and Behavioral Sciences
Chair: Joe Cudjoe, Ph.D.
Executive Secretary: Eliane Smith 239-590-7417
Modular 1, Lobby

Faculty:

Degree Programs:
History (B.A. and M.A.); Psychology (B.A.); Sociology (B.A.)

Minors: History; Psychology; Sociology
The B.A. in History program develops the mind and sparks a capacity for critical inquiry. Students learn the process of historical inquiry and develop communication, critical thinking, and analytical skills. History provides a solid base from which undergraduates can move into a wide variety of specialized programs in graduate or professional schools, or into a teaching career. The study of history has provided the background for thousands of the nation’s most successful lawyers, bankers, government administrators, business executives, authors, performing artists, journalists, ministers, and politicians.

The M.A. in History aims to advance students’ skills in historical research and related work, and to enable them to develop a sophisticated and complex understanding of a range of historical events, issues and debates within a global context. The program is intended to prepare students for further academic study and to equip them with the necessary skills to think critically and to practice history in the public realm and private sector as business professionals and educators, as well as filing the role of public historian in today’s globalized societies.

The B.A. in Psychology program prepares students for the rapidly changing professional world, for teaching in middle or high school, or for graduate study. The psychology major focuses on broad training across a variety of content areas, including clinical, social, developmental, cognitive, quantitative, and biological basis of behavior. Students also receive training in conducting independent research and have the opportunity to participate in independent research study and applied community practice.

The B.A. in Sociology major provides students with the knowledge and skills to be effective change agents in society, to contribute positively to the quality of life, and to be globally aware. The program emphasizes the study of social and cultural forces which shape the behavior, beliefs, and relationships of individual members of a larger society. Students
gain valuable skills including effective writing, problem-solving, data analysis, teamwork, research design and execution, critical thinking, and oral communication. The sociology major provides an excellent foundation for a wide range of career and graduate school pursuits.

Department of Visual and Performing Arts
Chair: Barry Cavin, M.F.A.
Executive Secretary: Karen Ludington 239-590-7238
Arts Complex 107

Faculty:

Degree Programs: Art (B.A.); Theatre (B.A.)
Minors: Art
The B.A. in Art program combines rigorous traditional art studio experiences that inform students' hands with intellectually demanding academic coursework that educates their minds about our era's ideas, values, and individual perspectives. Through the study of a variety of art media, the incorporation of art historical information, and the effective presentation of student work, the art curriculum provides students with the opportunity to grow and prosper as art makers.

As the arts of theatre continually adapt to new cultural realities, it is important that theatre educators, practitioners, and students fully understand not only the current cultural given within which they find themselves but also how theatre should respond to or challenge those realities. Our program is poised to train the new theatre student to be analytical of culture, thoughtful in creative response, and supple in negotiating the ever-changing modes of presentation.

The BA in Theatre at Florida Gulf Coast University offers a dynamic balance of theory and application. We train students in the whole craft of theatre: performance, technology, theory and criticism. Our emphasis is on theatre of social engagement and a theatre of the future. Our curriculum reflects the learning goals and outcomes of the university and we are committed to demonstrating those values in every class and every production we put before an audience. Students, choosing this course of study will graduate better equipped to function in the volatile world of live art, will have the skills necessary to produce theatre, and will have the theory to know why.
LUTGERT COLLEGE OF BUSINESS
Lutgert Hall
239-590-7302
http://www.fgcu.edu/cob/

Dean: Richard Pegnetter, PhD
Associate Dean and Alico Chair in Financial Management and Planning: J. Howard Finch, PhD
Associate Dean for Assessment and Enrollment Management: Carol Burnette, MBA
Director, Center for Leadership and Innovation: David Kakkuri, PhD
Director, Small Business Development Center: Daniel Regelski, MBA

The Lutgert College of Business (COB) is named in honor of Raymond L. and Beverly Lutgert. Their generous gift will help provide a state-of-the-art building to house the undergraduate and graduate business programs.

Vision
The Lutgert College of Business will help set new standards of excellence with its academic programs, faculty accomplishments, and student success, while continuously reflecting the dynamic environment of modern business opportunities. The college’s model of partnership with its external business constituents will be a national benchmark that will constantly bring powerful new knowledge into our undergraduate and graduate learning. The college will be an international leader in innovative ways of integrating technology and global awareness into the business education experience.

Mission
The Florida Gulf Coast University Lutgert College of Business is dedicated to providing technologically progressive educational programs and services designed to enhance the skills and competencies of university students and working professionals in the five-county region of Southwest Florida. We achieve this through a variety of flexible partnerships, programs, and scholarship within a ‘second circle’ international partnership model that bridges the university and the domestic and international community in a technologically advanced and rapidly changing global economy.

Accreditation
The Lutgert College of Business is accredited by AACSB International – The Association to Advance Collegiate Schools of Business.

Undergraduate Learning Goals
The following goals give direction to the college’s mission, and recognize that scholarship and service support the primary focus on teaching and learning.

Goal 1: Ensure graduates attain competency in the following core areas:

• Technological proficiency: Graduates will be able to use technology to facilitate life-long learning and professional development and to add value to clients, customers, and employers.
• Communication skills: Graduates will be able to give and exchange information within meaningful contexts and with appropriate delivery and interpersonal skills.
• Teamwork and interpersonal skills: Graduates will be able to work with others in diverse and cross-functional environments and to both follow and to lead as the need arises.
• Systems orientation: Graduates will understand the interrelated nature of the various functional areas of business and the information needs and flows of the various parts of an organization. They will also be able to function within systems that are constantly adapting to changes in the internal and external environments.
• Creative and analytical thinking: Graduates will be able to link data, knowledge, and insight to make quality strategic decisions on a timely basis.
• Appreciation of the diverse environment of business: Graduates will have a broad perspective of the diverse demographics and environment of business. They will un-
The college has established the following grading policy for graduate programs:

### Graduate Learning Goals

The following goals give direction to the college’s mission, and recognize that scholarship and service support the primary focus on teaching and learning.

#### Goal 1: Ensure graduates attain competency in the following core areas:

- Technological proficiency: Graduates will be able to use technology to facilitate life-long learning, to enhance leadership development and to add value to stakeholders, customers, and employers.
- Communication skills: In their leadership positions, graduates will be able to give and exchange information within meaningful contexts with appropriate delivery and interpersonal skills.
- Teamwork and interpersonal skills: Graduates will be able to work with others in diverse and cross-functional environments and to lead as the need arises.
- Systems orientation: Graduates will understand the interrelated nature of the various functional areas of organizations and the information needs and flows of organizations. They will also be able to lead and to adapt to changes in the internal and external environments.
- Creative and analytical thinking: Graduates will be able to link data, knowledge, and insight to make quality strategic decisions on a timely basis.
- Appreciation of the diverse environment of business: Graduates will have a global perspective of the diverse demographics and environment of organizations. They will understand the issues and challenges encountered by profit and not-for-profit entities, and entrepreneurial enterprises.
- Ethical framework: In their leadership roles, graduates will understand that organizations operate within a global environment with a responsibility to their stakeholders to consider the organizations’ impact on legal, ethical, social, and environmental issues.

#### Goal 2: Create and foster academic programs and business partnerships that are regionally responsive to the economic development needs of Southwest Florida and strengthened through state, national, and global outreach.

#### Goal 3: Encourage faculty to engage in a wide array of scholarship, including applied scholarship that contributes to the economic development of Southwest Florida.

#### Goal 4: Actively practice assessment and continuous improvement leading to high quality programs and methods of instruction.

### Graduate Academic Standing

- Graduate students are required to maintain a minimum cumulative GPA of 3.0 (on a 4.0 scale) throughout the program, and a minimum GPA of 3.0 is required for graduation.
- Failure to maintain the 3.0 GPA places the student on academic probation. The student has one semester to bring the average back up to a 3.0. Failure to do so may result in academic suspension from the program.
- Graduate students who receive three grades of C or lower are automatically suspended from the program.

### Student Organizations

- Beta Gamma Sigma (honor society)
- Graduate Business Association (GBA)
- Undergraduate Business Association (UBA)
- Accounting Society
- Beta Alpha Psi (accounting honor society)
- Collegiate Entrepreneurs Organization
- FGCU AdPros, The AAF College Chapter
- Financial Managers Association
- Society for Human Resource Management
- Sports Management Association

### Office of Student Affairs

Lutgert Hall  
239-590-7302  
http://www.fgcu.edu/cob/advising.html

**Academic Advisors:** A. MacDiarmid, MA; P. Machlin, BS; M. Ouverson, MS

The Lutgert College of Business, Office of Student Affairs provides the following services for undergraduate and graduate students:

- Academic advising and program information for current and potential students
- Referral to faculty mentors and campus resources for career planning
- Consultation regarding internship opportunities
- Orientation for students applying for admission to the college
- Assistance with issues related to registration and academic standing
- Evaluation of academic transcripts and articulation of transfer credits
- Maintenance of academic advising records and degree audits

### Graduate Grading Policy

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>Above Average</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>Above Average</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>Average</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>Below Average</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>Below Average</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>Below Average</td>
<td>2.0</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0.0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>0.0</td>
</tr>
<tr>
<td>NR</td>
<td>Not Reported by professor</td>
<td>0.0</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
<td>0.0</td>
</tr>
<tr>
<td>T</td>
<td>Transfer grade</td>
<td>0.0</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
<td>0.0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal without academic penalty</td>
<td>0.0</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal with academic penalty</td>
<td>0.0</td>
</tr>
<tr>
<td>X</td>
<td>Audit (no academic credit)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Student grades are available via Gulfline at [http://gulfline.fgcu.edu](http://gulfline.fgcu.edu).

Lutgert College of Business
The Department of Accounting and Finance prepares students for careers in government, industry, public accounting, and service organizations. The faculty are committed to preparing graduates who are not only technically competent, but who possess the full range of business professional skills. Students are required to use a variety of technology tools in class assignments. Courses include projects designed to enhance critical thinking, oral and written communications, and teamwork skills. Students are introduced to ethical and global issues via the study of CIS business cases. Typical employment for graduates includes systems analysis, system administration, and application or web development.

The B.S. in Finance develops the analytical and behavioral skills necessary for success in dynamic and diverse domestic and global financial environments. Students are introduced to the theory, concepts, applications, institutional environment, and analytical tools essential for proper decision making. Courses are designed to provide students with an understanding of the relationship between business finance and the economic system in the context of the management decision-making process. The appropriate use of technology, new organizational structures, entrepreneurial thinking, and international awareness is integrated throughout the program. The goal of the finance program is to impart knowledge and competence in finance that will prepare students for entry-level and leadership positions in public and private organizations such as financial management, banking, investments, and real estate.

The goal of the B.S. in Management is to prepare students for success in modern business organizations and to advance their careers in management. The program allows students to remain broad-based in their selection of courses. Three optional concentrations are available: Entrepreneurship, Human Resource Management, and Sports Management. Graduates may seek entry-level positions in profit and non-profit organizations or the public sector as management trainees, assistant managers, customer service representatives, human resource generalists, executive sales representatives, sports management executives, account executives, or labor relations specialists. Graduates may also choose to work for a small or family-owned business or to become entrepreneurs.

The B.S. in Marketing prepares students for careers in marketing by developing their understanding of the social and economic forces at work in national and global markets. The marketing major focuses on enhancing the knowledge and economic forces at work in national and global markets. The marketing major focuses on enhancing the knowledge and real estate.

The B.S. in Computer Information Systems (CIS) prepares students for IS development and support careers in business and government. Graduates of this program are not only technically competent, but understand how to use information technology to facilitate business success. Courses include projects designed to enhance critical thinking, oral and written communications, and teamwork skills. Students are introduced to ethical and global issues via the study of CIS business cases. Typical employment for graduates includes systems analysis, system administration, and application or web development.

The Master of Business Administration (M.B.A.) program provides students with a challenging curriculum and preparation for leadership in careers across all types of business and public organizations. This professional degree program emphasizes the application of analytical, technical, and behavioral tools to solve organizational problems. Within the coursework required for the degree, students learn fundamental concepts across all of the business disciplines. Leadership and teamwork, the appropriate application of technology, entrepreneurial approaches, and global and ethical awareness are integrated throughout the program.
The Executive M.B.A. is a two-year program tailored for the experienced professional. This M.B.A. degree program has a leadership and strategic focus and is designed to provide the tools critical for meeting the current and future operational challenges faced by virtually all highly competitive organizations. Upon admission to the program, students are required to complete a total of 36 credit hours in one of three concentrations: General Management, Health Care Management, or Real Estate Development and Finance. Classes are held biweekly on Friday and Saturday for a total of nine sessions each semester. In addition, students are required to attend a one-week session prior to the beginning of the first fall semester, and participate in an international study experience during the summer semester between years one and two of the program. This schedule allows students to continue their full-time professional commitments while progressing through the program.

The M.S. in Accounting and Taxation prepares students for careers in accounting and taxation. The program focuses on advanced technical competence in accounting and/or taxation, the effective use of technology in research and practice, effective communications with colleagues, clients and other stakeholders of diverse backgrounds, ethical responsibilities, and the development of life-long learning skills to maintain professional competence. Students may select either an accounting or tax track. The accounting track includes courses in accounting theory, international accounting, and accounting information systems. The tax track includes coverage of entity taxation, international taxation, tax research, and the taxation of estate and gifts.

The M.S. in Computer Information Systems (MS CIS) program prepares students for leadership positions in which they can move beyond managing a business to improving it through information technology. The program emphasizes the management of computer information systems and technologies, and their strategic use. Technical topics such as IT infrastructure, data management, and enterprise systems integration are combined with business issues, including managerial skills and ethics. The program welcomes students with diverse academic and professional backgrounds.
U.A. WHITAKER SCHOOL OF ENGINEERING
155 Reed Hall
http://www.fgcu.edu/cob/eng/
239-590-7390

Founding Director: Susan M. Blanchard, PhD
Academic Program Director: Lisa Zidek, PhD

The U.A. Whitaker School of Engineering is named in honor of Uncas A. Whitaker. A generous gift from The Whitaker Foundation has made the U.A. Whitaker School of Engineering a reality. In addition, Holmes Hall (the future home of the U.A. Whitaker School of Engineering) will be named in honor of Dr. G. Burtt Holmes and Dr. Ruth Holmes, whose generous gift will help provide a state-of-the-art building to house the engineering programs. Engineering classes will begin meeting in Holmes Hall in January 2009.

Vision
The U.A. Whitaker School of Engineering at Florida Gulf Coast University will be internationally recognized for excellence in interdisciplinary engineering education.

Mission
The mission of the U.A. Whitaker School of Engineering is to graduate engineers and community leaders in selected engineering disciplines with superior technical competence and business skills to meet the engineering challenges of Southwest Florida and beyond. This is accomplished in an entrepreneurial and innovative educational environment that values diversity, service, integrity, leadership, and collaborations.

Academic Advising and Records
239-590-7390
http://www.fgcu.edu/cob/eng/

Academic Advisor: Diana Stoppiello, MBA

Students do not need to select a major prior to admission to the university. The first three semesters of coursework are common to all undergraduate programs, providing students with time for thoughtful selection of a major. The engineering course, “EGN 1006L Intro to the Engineering Prof.,” which is required of all engineering students, provides an introduction to selected fields of engineering and focuses on hands-on laboratory activities and exploration of professional opportunities associated with the engineering degree programs offered at FGCU.

The U.A. Whitaker School of Engineering provides the following services for students:
- Academic advising and program information for current and potential students
- Referral to faculty mentors and campus resources for career planning
- Communication regarding internship opportunities
- Orientation for students applying for admission to the school
- Assistance with issues related to registration and academic standing
- Evaluation of academic transcripts and articulation of transfer credits
- Maintenance of academic advising records and degree audits
- Certification of graduation

Students are expected to take primary responsibility to meet with their academic advisor on a regular basis to insure completion of all requirements for graduation.

The baccalaureate degree programs in the U.A. Whitaker School of Engineering are in the final stages of development and approval; consequently, curricula and degree requirements are subject to change. The engineering degree programs help prepare students to be successful when taking the Fundamentals of Engineering Exam, the first step towards professional licensure. Although the engineering and computer science degree programs are offered by the Lutgert College of Business, they are non-business degrees.
Department of Bioengineering
Chair: James D. Sweeney, PhD
Faculty: K. Csavina, PhD; C. Geiger, PhD; J. Torres, PhD; L. Zidek, PhD

Degree: Bioengineering (B.S.)

Bioengineering plays an important role in transforming discoveries at the intersection of engineering, the life sciences, and health care into innovative products and capabilities by applying new technologies to biomaterials, biomechanics, and biomedical instruments and procedures. Bioengineering combines engineering principles with biology and physiology from the molecular, cell, and tissue level up to the human form. Bioengineers solve problems to help improve human health and quality of life. Bioengineers can work in the medical device and biotechnology industries, in health care and research, and for government agencies, such as the FDA.

Job opportunities in this field are expected to increase substantially by 2012.

The Bachelor of Science in Bioengineering emphasizes the application of new technology to biomaterials, biomechanics, and biomedical tools and procedures. Students learn how to solve problems associated with interactions between living and non-living materials and systems. Bioengineering students complete core courses common to all engineering majors as well as specialized courses in bioengineering. With the addition of another 4-credit general biology course, graduates will meet the pre-requisites for most medical schools.

Department of Environmental and Civil Engineering
Chair: Robert O’Neill, PhD, PE
Faculty: D. Bondehagen, PhD; T. Kunberger, PhD; C. Orndoff, PhD; C. Villiers, PhD

Degrees: Environmental Engineering (B.S.Env.E.)
Civil Engineering (B.S.C.E.)

Environmental Engineering involves the application of engineering principles to the design and development of systems, processes, and tools needed for the protection of the environment, human health, and natural ecosystems in order to foster sustainable development. The Bachelor of Science in Environmental Engineering (B.S.Env.E.) emphasizes municipal, natural, and industrial environments with focus on the core competency areas of water and wastewater treatment, water resources engineering, solid and hazardous waste management, and air and water quality control. This program employs a team-based interdisciplinary learning philosophy. This approach provides students with the critical thinking skills required for effective and innovative engineering practice.

The Bachelor of Science in Environmental Engineering (B.S.Env.E.) focuses on both natural and human-designed environments. This program provides students with knowledge for leadership in sustaining our world with particular emphasis on technologies needed to solve problems related to water, soil, and air pollution. B.S.Env.E. students complete core courses common to all engineering majors as well as specialized courses in environmental engineering.

Civil Engineering concerns the study of the conception, design, construction, and maintenance of large public and private projects. Civil engineers plan, design, and supervise the building of bridges, highways, railways, tunnels, airports, dams, water treatment and distribution systems, buildings, and many other types of structures. Environmental considerations, such as water supply, pollution control, and preservation of soil quality, are also important.

The Bachelor of Science in Civil Engineering (B.S.C.E.) focuses on the core competency areas of civil, transportation, geotechnical, water resources, structural, and environmental engineering. This program employs a team-based interdisciplinary learning philosophy. This approach provides students with the critical thinking skills required for effective and innovative engineering practice. Students will be prepared to combine social awareness and an interest in humanity with the technical expertise of the engineering profession as they plan, design, and construct a built environment. B.S.C.E. students complete core courses common to all engineering majors as well as specialized courses in civil engineering.

Job opportunities in environmental engineering and civil engineering should grow by 25% and 18%, respectively between 2006 and 2016 according to the Bureau of Labor Statistics (http://www.bls.gov/oco/ocos027.htm#outlook), which is faster than the average of 11% anticipated for all occupations as well as all engineering disciplines.

Special Program – Computer Science
Faculty: D. Guo, PhD; M. Soklic, PhD; J. Zalewski, PhD

Degree: Computer Science (B.S.)
Minor: Software Engineering

The Bachelor of Science in Computer Science (CS) prepares students in the theory and methods of processing information in digital computers, the design of computer hardware and software, and the application of computing and networking technologies in business and science. The program focuses on aspects of software and hardware development. A concentration in Software Engineering is available.

CS students complete core courses in programming languages, computer organization, data structures, database administration, networking, operating systems, software engineering, and algorithms. Further specialized courses in programming systems, data acquisition and control, simulation and modeling, and computer graphics are among the possible CS electives. In addition, students can take electives in computer information systems. CS students build on general education courses with a significant component in math and physics, as a prerequisite for programming courses and hardware-oriented courses, respectively. According to the Bureau of Labor Statistics (http://www.bls.gov/oco/ocos042.htm#outlook), the computer science and database administrator occupation is expected to grow by 37% between 2006 and 2016 so job prospects for these graduates are excellent.
COLLEGE OF EDUCATION

Academic Building 3
http://coe.fgcu.edu/
239-590-7800

Dean: Marcia Greene, EdD
Associate Dean, Division of Undergraduate Studies: Lois Christensen, EdD
Associate Dean, Division of Graduate Studies: Abbe Finn, PhD
Assistant Dean: Sherree Houston, MA
Academic Advisor: Ed Beckett, MA
Academic Advisor: Olivia Hung-Simons, MS

Faculty
K. Bachman, MS; M. Bogan, PhD; D. Carothers, EdD; C. Carter, EdD; S. Cooper, EdD; L. Crayton, PhD; P. Davis, PhD; E. Elliott, PhD; A. Finn, PhD; D. Giambo, PhD; C. Gishel, Ed.D.; J. Greene, M.Ed.; M. Isaacs, PhD; S. Mayberry, EdD; H. Miranda, PhD; E. Paschall, Jr., PhD; L. Ray, PhD; D. Rea, PhD; T. Roberts, EdD; R. Sabela, PhD; D. Schmidt, EdD; S. Gilbert, EdD; M. Simpson, Ed.D.; S. Slick, Ph.D., T. Szecsi, PhD; D. Upham, PhD; T. Valesky, EdD; E. Vazquez-Montilla, PhD; P. Wachhopz, EdD; E. Weingart, ME; L. Wilder, EdD; J. Wilkerson, PhD

Vision
We envision our graduates, and those they influence, as the learners and leaders of today and tomorrow. As learners, our graduates will continue to grow and develop as leaders within their field. As leaders, they will build upon the diverse backgrounds and perspectives they encounter to ensure that all individuals are able to construct the understanding necessary to become successful.

Mission
Our mission is to provide diverse environments of excellence that support dynamic learning experiences. In these environments, faculty and students reflect upon and engage in the applications of theory, research, and emerging technologies. These environments support the construction of knowledge, skills, and attitudes through collaboration and inquiry. As a result, faculty and students are empowered to create an enhanced quality of life within their respective communities.

Teaching Certification/Counseling Licensure/Endorsement
The College of Education (COE) offers courses and/or sequences of courses that can be used toward initial certification or endorsements by the Department of Education in a variety of teaching specialty areas and licensing by the Department of Health in Mental Health Counselling. The process of seeking and obtaining certification or licensure is separate from enrolling in COE courses or obtaining a degree. Students who have arrest or conviction records may be ineligible for certification or licensure in the State of Florida. Most certification and licensure requirements include passing state administered competency exams. Contact the COE advising office for additional information regarding exams. Contact appropriate state or school district personnel regarding certification and licensure procedures.

Technology Statement
The philosophy of the COE is that technology is one of numerous means of facilitating the educational process within the college and within the educational communities our programs serve. Technological proficiency is expected as a prerequisite skill, similar to the expectation that all learners can write, use appropriate grammar, access library resources, etc. The university provides a variety of opportunities for increasing technological proficiency, including courses, self-study guides, short courses, workshops, and tutoring. Students who do not own or have access to an adequate home computer system will be expected to utilize on-campus computing resources to complete many course requirements. Technology is an essential and integral aspect of each course, and some courses may have software requirements beyond those found on an average home computer.
Admission to Undergraduate Programs

Admission to the COE and to its upper division teacher education programs is separate from admission to the university and is contingent upon meeting all general university admission requirements and college admission requirements noted in the description for the major. Students who have not achieved admissions standards may, under special circumstances, be considered for admission into the college. COE orientation is a mandatory requirement.

Undergraduate Advising
(239) 590-7778
http://coe.fgcu.edu/advising.html

The COE offers advising to students who are preparing to enter the college’s programs, who have been admitted to its programs, or who are seeking advice concerning certification and recertification requirements that can be satisfied by enrolling in COE courses. Please contact advising staff at (239) 590-7778 for information concerning pre-admission, admission, degree programs, graduation, and certification. Once enrolled, students seek faculty advice and mentoring throughout their undergraduate study.

Transfer of Undergraduate Coursework

The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

Field Experience and Internships
(239) 590-7775
http://coe.fgcu.edu/internship/

Field experiences and internships enhance the teaching experience by creating situations in which the intern will integrate theoretical knowledge from previous education courses with the classroom experience to demonstrate behaviors in an opportunity to apply and refine what has been learned in university courses. More specifically, it is an opportunity to integrate knowledge of child development, teacher behavior, and state mandates, including Educator Accomplished Practices, Sunshine State Standards, Goal Three Standards, national standards and Florida Performance Measurement System, in teaching skills, in making classroom decisions, and in thinking reflectively about decisions.

Students must apply for the integrated field experiences and final internship. Applications may be obtained from the COE Web site. It is the student’s responsibility to keep current about relevant requirements and deadlines. Special requirements for enrollment in the integrated field experiences include admission to the College of Education, and College of Education and internship course prerequisite requirements. A combined minimum grade point average of at least 2.5 in all upper level College of Education courses is required, as well as an overall minimum GPA of 2.5. Undergraduates must have a C or higher in all courses required by the College of Education. Students (except for Secondary Education majors) must also demonstrate success in both their literacy and ESOL placements. Portions of the Florida Teachers Certification Exam (FTCE) must be passed before beginning internships. See an advisor for a current program of study to determine when the FTCE sub tests must be completed. Students who have arrest or conviction records may be ineligible for internships in the State of Florida.

Admission to a Master’s Programs

If the number of qualified applicants to a program exceeds the capacity, preference will be given to students who, after review of the entire graduate application, demonstrate the strongest potential for success in the chosen field. Students who have not achieved minimum test scores or the minimum GPA but who meet all other requirements may, under special circumstances, petition the department to be considered for admission into a program.

Graduate Advising
(239) 590-7797

Degree-seeking students in graduate programs are advised by program faculty. Master degree students are assigned advisors upon admission to programs. Educational Specialist students are assigned an advising committee. Once admitted, students are oriented by faculty in their individual programs. Students typically complete a plan of study with an advisor or committee during the first semester of enrollment after admission to the degree program. Once completed, these plans of study are submitted for approval.

Transfer of Graduate Coursework

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program. Decisions concerning the transfer of coursework are made at the time of admission. An approved plan of study will be developed in coordination with program advisors and/or faculty.

Non Degree-Seeking Status
A student with an earned baccalaureate degree who is enrolling in COE classes on a non degree-seeking basis is classified as a “teacher certification” student. A “teacher certification” student may take courses in any college at the graduate level on a space-available basis providing course and program restrictions are met. The COE has set the limit of twelve (12) hours on coursework that can be earned in non degree-seeking status and applied to a graduate degree. Some graduate programs may restrict non degree hours to a maximum of 12 in that program, regardless of whether the hours will be applied toward a degree or are taken for another purpose.

Division of Undergraduate Studies

Degree Programs: Early Childhood Education (B.A.), Elementary Education (B.A.), Secondary Education (B.A.), Special Education (B.A.)

Minor: Education

COE undergraduate teacher education programs are referred to as “integrated programs.” Integrated programs include courses and experiences that are common to students in all majors as well as courses and experiences that are specific to the major. Students progress in cohort groups that consist...
of students from all majors. Curricula include extensive field experiences and learning expeditions that emphasize the development of essential themes and strategies relative to each block or set of courses. Curricula also provide prospective teachers with competencies to meet the needs of special students. Many courses require three or more hours of field work each week, as noted in course syllabi. The Educator Accomplished Practices specified as critical state competencies are taught and assessed throughout the curriculum and must be fully demonstrated prior to graduation.

The B.A. in Early Childhood Education is designed to prepare students for certification from the Florida Department of Education for Prekindergarten/Primary (age 3 to grade 3), as well as Prekindergarten/Disability endorsement. Coursework and extensive field experiences enable students to dynamically integrate theory and teaching practices. Competencies include content-specific knowledge applicable to the unique developmental needs of this age population including a thorough understanding of cultural diversity, individual differences, and skills to work with children in individual ways, particularly English for Speakers of Other Languages (ESOL) students; and an emphasis on capabilities of teachers to work with children with atypical abilities and special needs.

The B.A. in Elementary Education is designed to prepare students for teaching in Florida’s elementary schools and for certification by the Florida Department of Education as elementary school teachers (K through grade six). The program of study includes coursework and extensive experience in elementary school settings throughout the FGCU five-county service area (Charlotte, Collier, Glades, Hendry, and Lee) to enable students to integrate theory with teaching practice.

The B.A. in Secondary Education offers three majors: Biology (6-12 grades), Mathematics (6-12 grades), and Social Science (6-12 grades). Field experiences are central to the Secondary Education program and commence in the first semester with increasing involvement throughout the program.

The B.A. in Special Education is designed to prepare students to attain certification in Exceptional Student Education, K-12 grades, which cover teaching children with emotional and behavioral disorders, developmental disabilities/mental retardation, specific learning disabilities, and physical disabilities. Field experiences are central to the special education program and commence in the first semester with increasing involvement throughout the program.

Division of Graduate Studies

Degree Programs: Counseling (M.A. or M.Ed.); Curriculum and Instruction (M.Ed.); Curriculum and Instruction: Educational Technology (M.A. or M.Ed.); Curriculum and Instruction: English Education (M.Ed.); Educational Leadership (M.A. or M.Ed.); Elementary Education (M.Ed.); Reading (M.Ed.); and Special Education (M.Ed.); Educational Specialist (Ed.S.)

The M.A. or M.Ed. in Counseling program offers two concentrations: Mental Health Counseling and School Counseling. Students in both concentrations take common coursework in the areas of human development, legal and ethical issues of the profession, career development, appraisal methods, counseling theories, groupwork, practicum and research, and program evaluation. Additional specialized courses focusing on either mental health counseling or school counseling are offered in areas such as internship, human sexuality, addictions, special populations, consultation, organization, administration and supervision, and professional development.

Students are engaged in field-based activities during almost every enrollment. Students without prior training as teachers who wish to become certified school counseling professionals must complete additional courses in classroom management, curriculum and instruction, and reading.

The M.Ed. in Curriculum and Instruction program provides advanced study in education and is designed to improve the competency of teachers, to encourage research and to initiate and implement programs involving the schools and the community.

The M.A./M.Ed. in Curriculum and Instruction: Educational Technology program provides advanced study in education and is designed to improve the competency of teachers, to encourage research and to initiate and implement programs involving the schools and the community.

The M.Ed. in Curriculum and Instruction: English Education program provides advanced study in education and is designed to improve the competency of teachers, to encourage research and to initiate and implement programs involving the schools and the community.

The M.A. or M.Ed. in Educational Leadership is designed to prepare students for leadership positions in educational settings as well as to improve performance of current leaders in educational leadership positions. The M.Ed. program offers four concentrations: Elementary School, High School, Middle School, and Special Education. The program content focuses on the functions of educational leaders and stresses the relationship between tested practice and applied theory. The M.Ed. program prepares students for Educational Leadership certification by the Florida Department of Education. Students who already have a master’s degree may elect to take a modified program for Educational Leadership Certification. The modified program does not lead to a master’s degree.

The M.Ed. in Elementary Education is designed to provide focused graduate study for certified teachers of the elementary grades. The program is practitioner-oriented and is aimed at increasing the curriculum and instructional expertise of teachers.

The M.Ed. in Reading program provides opportunities for advanced study beyond the bachelor’s degree with specialization in theoretical approaches to reading instruction, application of theory to practice, and use of specific materials and methods of reading instruction based on current research studies. Applicants must have met professional teacher certification requirements for admission into the program. Reading instruction is the focus of this degree and includes all areas of effective communication, such as writing, reading, speaking, listening, and viewing. Students in this program are eligible to earn reading specialization from the Florida Department of Education.

The M.Ed. in Special Education program prepares students for work in public and private schools and in state, federal, or community settings at the master’s level. Specific areas of study include advanced studies in special education and hi-incidence disabilities.

The masters’ programs emphasize consultative, supervisory, and multidisciplinary skills intended for students who wish to assume innovative leadership roles in public or private schools and community settings.

The Educational Specialist (Ed.S.) is a post-master’s program in education with two concentrations: Curriculum & Instruction and Educational Leadership. The Curriculum & Instruction
concentration will meet the need of educators in areas such as staff development, program coordination, and curriculum development. The Educational Leadership concentration will prepare individuals to become agents of change in organizations as leaders among the ranks of principals, superintendents, and Chief Executive Officers.

The Teacher Immersion Program (TIP) is a Florida Gulf Coast University partnership program with area school districts that supports individuals who have an immediate and enthusiastic interest in teaching careers. The aims of the program are simple: to prepare qualified and quality teachers for grades K-12 who will assume full-time classroom responsibilities in counties in Southwest Florida. TIP is a state approved educator preparation institute that meets all state teacher certification requirements and awards program completers nine (9) graduate credits that can be used toward a master’s degree. Admission to the program requires a passing score on the FTCE General Knowledge Test, a bachelor’s degree from an accredited college or university, and undergraduate GPA of 2.75 or higher, and a completed application packet.
COLLEGE OF HEALTH PROFESSIONS
Griffin Hall 237
http://chp.fgcu.edu
239-590-7450

Denise Heinemann, DrPH, Dean
Joan Glacken, EdD, Associate Dean
Marianne Rodgers, EdD, Director, School of Nursing
Sharon Bevins, PhD, Chair, Physical Therapy & Human Performance
Linda Martin, PhD, Chair, Occupational Therapy and Community Health
Thomas Bevins, MS, Assistant Professor, Physical Therapy
Halcyon St. Hill, EdD; Professor
Lorie Hickox, BS, Academic Advisor (School of Health & Rehabilitation)
Anne Young, BSN, Academic Advisor (School of Nursing)
Lynn O’Hare, Administrative Assistant

Vision
The College of Health Professions promotes wellness, quality health care, and healthy environments through excellence in education, research, service, and community partnerships.

Mission
The College of Health Professions provides students with health professions education that is grounded in academic excellence, fosters critical thinking and ethical practice, and promotes interdisciplinary collaboration. Faculty in baccalaureate and graduate educational programs facilitate development of active learning, emphasize evidence-based practice, utilize multiple delivery systems, develop inter-professional relationships, and cooperate with community partners to prepare competent and caring health professionals.

Goals
The College of Health Professions goals are to:
• Prepare students to assume vital roles as health professionals delivering care in diverse and dynamic interdisciplinary and global environments.
• Promote professional behaviors including ethical practice, competent and compassionate care, cultural competence, and effective communication skills.
• Facilitate critical thinking, evidence-based practice, and a commitment to lifelong learning.
• Support faculty and student participation in scholarly activities.
• Promote active involvement of faculty and students in providing service to local and global communities.
• Foster career advancement and engagement in lifelong learning among healthcare personnel in the communities we serve.

Admission to Undergraduate Programs
Baccalaureate degree programs in the College of Health Professions (CHP) are selective or limited access (Athletic Training and Nursing). Acceptance is highly competitive, and all applicants may not be admitted. The application process requires two separate applications, first to the University, and upon admittance a supplemental application to the specific degree program by the appropriate deadline. Applications will be considered when the following requirements have been met:
• Completion of the University General Education requirements or its equivalent, e.g. an AA degree from an approved Florida community college or state university or a bachelor’s or higher degree from approved accredited post-secondary institutions.
• Completion of state mandated common program prerequisite courses.
• Satisfaction of the minimum GPA requirement(s) for the specific degree program (see degree program listings). Completion of these requirements does not guarantee stu-
student admission into the College of Health Professions limited access programs, Athletic Training and Nursing.

Transfer Student Notes
Articulation agreements facilitate the transfer of students from associate degree programs at Florida community colleges to baccalaureate degree programs at universities. Students admitted under articulation agreements enter FGCU with upper-level status and are classified juniors. Students who have earned or are intending to earn an associate of arts or associate of science degree in an allied health care profession from Manatee Community College or St. Petersburg College should contact the Division of Health Sciences for information regarding the transfer process.

Courses transferred from any institution must be evaluated for equivalency credit. The student must provide all supporting information. Students transferring are cautioned to pay careful attention to General Education and Common Program Pre-requisites sections because Florida State Board of Education Rules have made programs highly prescriptive. This may result in additional course work to satisfy degree requirements.

Undergraduate Advising
239-590-7485 (School of Nursing)
239-590-7495 (School of Health & Rehabilitation)
http://www.fgcu.edu/chp/advising.html

The CHP houses the School of Health & Rehabilitation (SHR) and the School of Nursing (SON). Both Schools provide academic advising to pre-majors and majors through school and faculty advisors after the first semester through graduation. The CHP school and faculty advisors are committed to providing guidance in academic and professional development in a collaborative and mentoring environment. The objective is to foster interaction between the advisors and students in a supportive atmosphere where students will achieve self-sufficiency while pursuing their educational and career goals.

• Entering students meet with college advisors in a group setting during orientation to:
  o Discuss selective and limited access program admission requirements.
  o Collaboratively develop an academic plan to complete lower level requirements for timely submission of required supplemental applications.
  o Understand expectations and responsibilities associated with educational requirements in CHP.
• Continuing students are required to review their academic plan each semester with a school or faculty advisor prior to registration.

School of Health & Rehabilitation

Division of Health Sciences
Chair: Joan Glacken, EdD
Faculty: M. Angeletti, PhD; P. Burkett, MS; J. Faris, MS, RD; J. Hammerling, MSH, MS; K. Landy, MS

The mission of the Division of Health Sciences emerges from, and is congruent with the missions of the college and university. The Division of Health Sciences aims to meet community and market needs by providing future-oriented, accessible, student-focused undergraduate and graduate education programs that foster professional growth, career mobility, diversification, and advancement for health professionals. Faculty and administrators are committed to interdisciplinary education and practice experiences for health professionals from a variety of disciplines within the department and across the College of Health Professions. Faculty, administrators, students, and graduates will assume the responsibility of academic excellence, empathy and professionalism within their scope of practice, and will be empowered to act as ambassadors for health care consumers, the health professions, the College of Health Professions, and FGCU.

Degrees: Clinical Laboratory Science (B.S.), Health Science (B.S.), Long Term Care Administration (B.S.), and Health Science (M.S.)

Certificates: Clinical Laboratory Science, and Health Services Administration

The B.S. in Clinical Laboratory Science is designed for students who seek a baccalaureate degree and national certification as a clinical laboratory scientist (MT (ASCP) or CLS (NCA)) and Florida licensure as a clinical laboratory technologist. Graduates are prepared to work in the clinical laboratory areas of chemistry, microbiology, immunohematology, hematology, and immunology. Career opportunities continue to expand and include such diverse areas as biotechnology research, pharmaceutical sales, product development, laboratory information systems, forensics, and education. The curriculum serves as a solid preparation for medical, dental, veterinary, and graduate school. The program culminates in on-site clinical practice developed and delivered in cooperation with the clinical laboratory science community of Southwest Florida. The CLS program is undergoing the process of re-initiation for accreditation by the National Accrediting Agency for Clinical Laboratory Sciences.

The interdisciplinary B.S. in Health Science provides career advancement opportunities for entry-level health profession practitioners and for individuals who seek careers in health care areas relevant to this degree such as health services administration and health professions education. The program is also recommended for students who are interested in a health profession that requires a master of science at the entry level, such as physical therapy or occupational therapy. Coursework is offered by distance learning. The curriculum includes interdisciplinary core courses based on generic health care professional competencies, health science core courses, courses specific to career goals and selected area of specialization (concentration), an interdisciplinary senior seminar. Two concentrations (areas of specialization) are available: Health Services Administration and Health Science.

The interdisciplinary B.S. in Long Term Care Administration prepares individuals to work as administrators in various types of long-term care facilities such as nursing homes and assisted-living facilities. Following completion of the program, graduates are eligible to sit for the national nursing home administrator examination offered by the National Association of Boards of Examiners of Long Term Care Administrators and for licensure examinations offered by individual states covering state-specific rules and regulations. Coursework for this degree program is offered by distance learning. The 60-hour upper division curriculum includes interdisciplinary core courses based on generic health care professional competencies; courses in management, human resources, law, ethics, finance, marketing, patient care, risk management; 500-hour internship in a skilled nursing facility; an interdisciplinary senior seminar; and the University Colloquium.

The interdisciplinary M.S. in Health Science prepares graduates for service as health care leaders in advanced professional roles within the diverse current and dynamic health services delivery system. In addition, graduates acquire skills and expertise in planning, developing, and implementing innovative and quality health care services. Coursework is offered by distance learning. This program includes a common
program core, one required concentration core, and either a capstone project, internship, or a thesis. Students have the option of strengthening the concentration with electives or completing a second concentration. Two concentrations are available: Health Professions Education and Health Services Administration.

The post-baccalaureate Clinical Laboratory Science Certificate is designed for students with baccalaureate degrees in the chemical or biological sciences who seek licensure/certification in clinical laboratory science. Individuals completing the program are prepared to work in the clinical laboratory areas of chemistry, microbiology, immunohematology, hematology, and immunology. On-site clinical practice is developed and delivered in cooperation with the clinical laboratory scientists of the community of Southwest Florida. Upon completion of the program, students are eligible to sit for the national certification examination at the technologist level by the American Society for Clinical Pathology and the National Certification Agency of the Florida Board of Clinical Laboratory Personnel.

The Health Services Administration Certificate prepares individuals who seek specialized education and certification in health services administration. The flexibility of the program offers baccalaureate degree graduates the opportunity to acquire expertise and specialization in line with their interest, needs and career applications in health services administration. The program embraces different backgrounds and interests and is appropriate for individuals who wish to gain further interdisciplinary education in health services administration. This certificate program is available on a part-time basis via distance learning.

Department of Occupational Therapy and Community Health
Chair: Linda M. Martin, PhD, OTR/L, FAOTA
Faculty: T. Gelpi, OTD, OTR/L; S. Gregitis, EdD, OTR/L; C. Krupp, BS, OTR/L; K. Mock, MS, OT/L; D. Morris, PhD, OTR/L

The mission of the Department of Occupational Therapy and Community Health is to provide an excellent educational opportunity for students who are preparing to enter selected health professions focused on the health and wellness needs of individuals, groups, and communities. The degree programs offered by the Department of Occupational Therapy and Community Health support the mission of the University and College of Health Professions through emphasis on academic excellence, diversity in student populations, and the well-being of community members from all segments of society. Faculty and students are committed to an interactive and supportive learning environment and collaborate with community partners to enhance the teaching and learning experience, provide service to the community, and promote ethical evidence-based practice.

Degrees: Community Health (B.S.), and Occupational Therapy (M.S.)
Certificate: Occupational Therapy with Elders

The B.S. in Community Health program is designed to prepare students for various careers in servicing the health and wellness needs of individuals, groups and communities. A healthy community, as described by the U.S. Department of Health and Human Services (2001, p. 1), is "one that embraces the belief that health is more than merely an absence of disease; a healthy community includes those elements that enable people to maintain a high quality of life and productivity." The degree prepares students for graduate study in occupational and a variety of other health fields, or for employment in various community agencies as a health educator or other agency role. Students may pursue their chosen career path in consultation with an advisor; they may complete the degree requirements on a full-time or part-time basis. Service learning experiences are completed in partnership with community agencies.

Occupational therapy is a versatile and expanding profession within the health care spectrum of services. Occupation is everything people do to occupy themselves, including looking after themselves and their loved ones, enjoying life doing the things they want to do, and contributing to the social and economic well-being of their neighbors and communities. Occupational therapists use occupation (or the activities and tasks associated with a client's valued occupations) as the method for achieving therapeutic goals, which themselves are framed according to the client's desired occupations. An expanding body of research has shown that occupation-based interventions are highly effective in motivating clients, have the ability to tap into unconscious motor memory and are ultimately more effective in reaching client goals than are treatments focusing only on motion and/or strength. Increasingly, occupation (or the ability to participate in life's activities) has come to be viewed as the definition of health and well being (the World Health Organization), and therefore a goal of health services agencies. Occupational therapists work with various agencies in the community to plan programs or strategies to maximize the ability of community members to live independently and fully participate in the life and amenities of the community.

Occupational therapists address the needs of a wide variety of clients, both as individuals and as groups: Elderly individuals who suffer a decline in functioning; people with mental illness or substance abuse; those with physical impairments; injured workers; and children with developmental delays, to name a few.

The M.S. in Occupational Therapy (4 academic semesters and 24 weeks of clinical internship) prepares graduates to practice as generalists in the profession of occupational therapy. It requires students to obtain and utilize a broad liberal arts education prior to entry into the professional program. It prepares students to function in a wide variety of settings utilizing the principles and intervention approaches related to occupation, and to supervise occupational therapy support personnel.

Program Accreditation
The Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, Maryland, 20824-1220, Telephone: (301) 652-2682.

Degrees: Master of Science

Department of Physical Therapy and Human Performance
Chair: Sharon Bevins, PhD, PT
Faculty: T. Bevins, MS, PT; J. Craddock, MS, ATC/L, CSCS; S. Felton, ME, ATC/L; D. Hunt, EdD, CSCS; R. Lopez-Rosado, MS, PT; B. McAloose, MA; K. Swanick, DPT, OCS; A. van Duijn, EdD, PT, OCS; J. van Duijn, DPT, OCS; E. Williamson, MS, PT

Central to the mission of the Department of Physical Therapy and Human Performance are the mission and goals of FGCU and the College of Health Professions. Reflective of these,
the programs in Physical Therapy, Human Performance, and Athletic Training are designed to meet the diverse needs of the college students of today and of the future. Students develop or improve their skills in the use of technology and become self-directed learners through the active learning format that characterizes the programs — skills that aid them in being resourceful scholars and clinicians. Faculty are committed to providing an environment which accommodates a variety of learning styles, supports self-paced learning, and fosters success.

Degrees: Athletic Training (B.S.), Human Performance (B.S.), and Physical Therapy (D.P.T.)

The B.S. in Athletic Training is limited access and designed to prepare graduates for professional careers in athletic training. Graduates are prepared to assume leadership roles in the field, which deals with the prevention, immediate care, evaluation, and rehabilitation of injuries to the physically active. The program includes extensive clinical education instruction. Students develop or improve their skills in the use of technology and become self-directed learners through the active learning format that characterizes the program — skills that aid them in being resourceful scholars and career oriented professionals. The Athletic Training Education Program has earned full accreditation from the Commission on Accreditation of Athletic Training Education. Qualifications necessary for earning certification as an Athletic Trainer can be found at http://bocatc.org. For further details, please contact the Department of Physical Therapy and Human Performance at 239-590-7530. For more information concerning the technical standards for admission, please refer to the Department’s website, www.fgcu.edu/chp/pt.

The B.S. in Human Performance program is designed to prepare graduates for professional careers in fitness, wellness, cardiac rehabilitation, and strength and conditioning or the exercise sciences. The program also recommended for students who are interested in a health profession that requires a graduate degree at the entry level, especially physical therapy. All graduates are prepared to assume leadership roles in the Human Performance field. The program includes extensive community-based experiential learning opportunities. Students develop or improve their skills in the use of technology and become self-directed learners through the active learning format that characterizes the program — skills that aid them in being resourceful scholars and career oriented professionals.

The Doctor of Physical Therapy program is a 115-hour professional entry-level program that prepares graduates as ethical and effective decision-making practitioners, valuing their role in the changing health care environment and society at large. This program utilizes a variety of instructional methodologies including online courses, modified PBL, laboratory-based instruction, as well as full-time off-campus clinical experiences. The curricular design requires students to be independent and self-directed and utilize faculty as guides and facilitators of learning. The Doctor of Physical Therapy program has been granted accreditation status by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association.

School of Nursing

Director: Marianne Rodgers, EdD, RN
Faculty: R. Ali, MSN, ARNP-C; J. D. Chapa, PhD, ACNP-BC; L. Downes, PhD, ARNP-BC; T. Ellis, MSN, RN, CTN; R. Gross, MSN, ARNP-BC; L. Hagman, PhD, RN; Z. Hernandez, MSN, CRNA, K. Kirchner, MSN, CRNA, JD; B. Kruse, PhD, ARNP; L. Lupe, MSN, RN, CCN; L. McCash, PhD, ARNP-BC; E. Murray, PhD, CNE, RN; A. Nolan, PhD, RN; M. Polk, PhD, CNE, ARNP-BC; S. Ruder, EdD, RN; K. Stamp, PhD, ARNP-BC; J. Stecher, MA, RN, BC, CCTC; D. Wolf, MSN, ARNP-BC; K. Wright, MSN, ARNP-C

The mission of the School of Nursing evolves from and is consistent with the missions and goals of the university and the college. The pivotal charge is to offer innovative, exemplary, learning-centered, and community partnered programs. Learners are prepared as caring scholar clinicians for professional nursing practice in contemporary health care settings. Interdisciplinary and discipline-specific knowledge, values, competencies, and practice opportunities prepare graduates to assume vital roles within an evolving 21st century health care delivery system.

The nursing curriculum, as a plan for learning, emphasizes traditional and nontraditional teaching and learning; cultural sensitivity; interdisciplinary teaming; community partnerships; learner-centeredness; environmental preservation; and aesthetic sensibility. Commitment to learner-centered experiences and advancement of a community-partnered curriculum are central to the School’s mission. The School of Nursing is resolved that graduates participate as caring and compassionate health care professionals within a technologically sophisticated, cure-oriented health care world.

Degrees: Nursing (B.S.N.), Nursing (M.S.N.)

Certificates: Primary Health Care Nurse Practitioner

The Bachelor of Science in Nursing (B.S.N.) prepares caring scholar clinicians for professional practice in contemporary health care settings. Graduates are prepared to assume vital roles in the improvement of client health care outcomes. General education and state-mandated common prerequisites for nursing form the foundation of study for the major. The community partnered, learning-centered nursing curriculum is grounded in knowledge of the theory and practice of nursing with integration of critical thinking, communication, health promotion, caring, and cultural connectedness constructs. The B.S.N. program is fully accredited by the Commission on Collegiate Nursing Education [CCNE], One DuPont Circle, NW, Washington, DC 20036-1120; telephone number 202-887-6791.

The Master of Science in Nursing (M.S.N.) prepares advanced practice nurses for career opportunities in a variety of evolving global health care environments. The ability to create innovative roles as well as consolidate existing roles is a hallmark of graduates. Extensive practice experiences enable student initiated opportunities that promote development of diverse knowledge, values, and competencies essential for advanced practice. Four majors are available:

(a) Acute Care Nurse Practitioner (graduates are prepared to assume positions as advanced practice nurses able to meet the needs of acute and/or critically ill patients);
(b) Nurse Anesthesia (graduates are eligible to take the Council of Certification of Nurse Anesthetists’ [CCNA] certification examination for licensure);
(c) Nursing, with an option of the Clinical Nurse Leader Concentration (graduates assume innovative unit-based leadership roles in tertiary healthcare facilities) or the Nurse Educator Concentration; and
(d) Primary Health Care (PHC) Nurse Practitioner, with an option of the Family Nurse Practitioner (FNP) Concentration or the Adult Nurse Practitioner (ANP) Concentration. The M.S.N. program is fully accredited by the Commission on Collegiate Nursing Education (CCNE), One DuPont Circle, NW, Washington, DC 20036-1120; telephone number 202-887-6791. The Nurse Anesthesia program is accredited by the Council on Accreditation of Nurse Anesthesia Programs (COA), 222 S. Prospect Avenue, Suite 304, Park Ridge, IL 60068-4010, (847) 692-7050.

The post-master’s Primary Health Care Nurse Practitioner Certificate is designed to prepare registered nurses who possess MSN degrees to become certified as Adult Nurse Practitioners (ANP) or Family Nurse Practitioners (FNP). This program requires completion of 20 credit hours of required courses and is available on a part-time or full-time basis.
The College of Professional Studies at Florida Gulf Coast University offers baccalaureate and graduate degree programs in specialized career and professional fields. The college also offers programs and projects that meet the lifelong professional development needs of practitioners. The faculty recognizes the changing climate in the professional disciplines, where learning must be linked to community and regional needs, and recognize diversity in culture and environment.

**Mission**
The College of Professional Studies is committed to educating professionals in the public-, private-, and not-for-profit sectors, as well as to developing students' problem-solving abilities in the realms of government, law, leisure, and social services. Recognizing the rapidly changing environments in which such efforts must be carried out, the College's curricula are oriented toward lifelong approaches to professional and personal development integrating theory, practice, technology, and diversity. All programs in the College link students' learning experiences to the needs of communities and their members.

**Goals**
- Prepare students to respond in innovative ways to the evolving social, political, economic, and natural environments in which policy-making and service delivery are carried out.
- Cultivate an ethic of public integrity and civic engagement in professional, political, and community activities.
- Develop an understanding of the multi-cultural and increasingly global contexts within which public problems emerge, as well as an ability to formulate interdisciplinary strategies for their identification and resolution.
- Cultivate the knowledge, skills, and personal attributes required for life-long growth and development.
- Integrate multiple, state-of-the-art technologies into the learning environment and develop students' abilities to use technology creatively in their work.
- Develop comprehensive field-based experiences linked to individual and community development.

**Articulation Agreements**
Articulation agreements facilitate the transfer of students from associate degree programs at community colleges to baccalaureate degree programs at universities. Articulation agreements are in place for both the BS Criminal Justice program and the BS Legal Studies program (see program descriptions).

**Admission to Undergraduate Programs**
Admission to the College of Professional Studies is open to all students who have been accepted to Florida Gulf Coast University, are in good standing, and have completed the common prerequisites with a grade of C or higher.

**Undergraduate Advising**
(239) 590-7820
The academic advisor provides the student with a course of study in his or her desired discipline, the process begins with orientation and continues through individual counseling for meeting graduation requirements. Advising is provided via the Internet for our students in the distance learning programs. The advisor also provides information for our students in the extension programs off campus and tracks them through their course of study.
Division of Justice Studies
Academic Building 3
Chair: Tony A. Barringer, EdD

Faculty: P. Asfour, JD; T.A. Barringer, EdD; R. Diotalevi, JD; D. Dobbert, PhD; J. Jinian, MPA; J. Kleegee, JD; B. Lipton, D.D.S., DABFO; D. Lounsbury, PhD; J. McGaha, PhD; C. Mestler, PhD; P. Seay, JD; D. Thomas, PhD; H. Walsh-Haney, PhD; M.A. Zager, PhD

Degrees: Criminal Forensic Studies (B.S.), Criminal Forensic Studies (M.S.), Criminal Justice (B.S.), Criminal Justice (M.S.), and Legal Studies (B.S.)

The B.S. in Criminal Forensic Studies provides students with the skills requisite to the investigation of criminal offenses and the identification, apprehension, and prosecution of criminal offenders. This curriculum integrates the theoretical perspectives of different disciplines pertaining to deviant and criminal behavior with the practice of identification, procurement, and presentation of evidence resulting from criminal activity. This program builds upon a solid liberal arts core to achieve a balanced criminal justice perspective, which includes an emphasis upon the victim, the offender, the criminal justice system, and society. The scholar/practitioner curriculum provides students with advanced levels of knowledge in criminal investigation, thus increasing the employment potential for graduates.

The M.S. in Criminal Forensic Studies is an interdisciplinary program, focused on making graduates highly competitive in the marketplace. Students completing the Forensic Behavioral Analyst Concentration will possess advanced skills for utilization as Crime Scene Investigators or Criminal Investigation Detectives at local, state, and federal law enforcement agencies, offices of the state and federal prosecuting attorneys, and juvenile and adult corrections. Graduates will also be qualified to develop and promulgate policy in local, county, state, and federal agencies. Students completing the Death Investigator Concentration will have completed the requisite curriculum required by the majority of Medical Examiner’s Offices throughout the United States. The curriculum is based on the St. Louis University School of Medicine’s Medico-Legal Death Investigation Program. Once the graduate has had the requisite one year professional job experience they will have the skills necessary to negotiate the Medico-Legal Death Investigators Certification Examination. This program is designed to fill the need for qualified questioned death investigators for Medical Examiner’s and Coroner’s Offices; Homicide Investigation Units; and other agencies whose responsibilities include the investigation of questioned death.

A sub-specialization exists in the Death Investigator Concentration in the area of Human Identification. This specialty centers on aspects of Forensics Anthropology and Odontology. The study of the human skeleton and dentition is critical for the investigation of questioned death where decomposition of the victim has occurred. This will qualify the student to process decomposed remains for the purposes of identification and potential cause and manner of death.

The B.S. in Criminal Justice program provides an extensive overview of the criminal justice system including law enforcement, corrections, the judiciary, juvenile justice, probation and parole, and international justice. The program builds upon a solid liberal arts core to achieve a balanced criminal justice perspective, which includes an emphasis upon the victim, the offender, the criminal justice system, and society. The program’s objective is to develop a sound educational foundation for graduate work or professional practice at the bachelor’s level. Students are provided a set of core courses and experiences to orient them to the broader criminal justice system. Thereafter, they have the opportunity to specialize in law enforcement, corrections, legal studies, juvenile justice, international justice, or management in criminal justice. The upper division portion of this program is available through distance learning via the Internet.

The Master’s of Science in Criminal Justice is designed to prepare graduates for advancement in justice-related professions, particularly as administrative and management level officers in law enforcement, corrections and juvenile justice. The program will provide graduates with an in-depth understanding of management of criminal justice agencies as it relates to the agency, the law, the courts, and the public. The M.S. program advances the theoretical perspectives and practical applications of the B.S. degree in the development of advanced administrative skills that increase the effectiveness and professionalism of criminal justice personnel. As noted by numerous agency heads, a graduate degree is particularly beneficial to those seeking advancement in their current agencies as well as those seeking employment in federal law enforcement agencies and federal courts. Specific positions for which this program will prepare students include Police Chief, Sheriff or Commanding Officer of law enforcement agency, Superintendant or Commanding Officer of corrections agency, FBI, ATF, and other federal law enforcement agent, Ph.D. student, and Researcher in criminal justice.

The B.S. in Legal Studies prepares graduates for career advancement in legal assisting, paralegal, and other law-related professions. The program is designed to provide in-depth understanding of the legal system as it relates to the law, the courts, clients, and lawyers. The curriculum encompasses both generalist and specialist courses as recommended by the American Bar Association. The program prepares students for professional legal assisting and paralegal studies certification exams, including the Certified Legal Assistant’s (CLA) Exam sponsored by the National Association of Legal Assistants and Paralegal Advanced Competency Exam (PACE) offered by the National Federation of Paralegal Associations, Inc. (NFPA).

Division of Public Affairs
Academic Building 3
Chair: Terry Busson, PhD

Faculty: T. Busson, PhD; P. Bergerson, PhD; R. Coughlin, PhD; R. Green, PhD; S. O’Brien, PhD; H. Smith, PhD; R. Walsh, PhD

Degrees: Political Science (B.A.), and Public Administration (M.P.A.)

The B.A. in Political Science program imparts knowledge of government institutions and processes, political values, and public policy. It provides students with the analytical tools needed to address local, national, and international issues of governance and policy. A degree in Political Science can aid a student’s career pursuits in local, state, and federal government, as well as in business and not-for-profit organizations. It can also provide an excellent foundation for graduate study in law, business, or the social sciences. The program offers a choice of five concentrations (political science, interdisciplinary studies, government and managerial innovation, government and information systems, and public administration), allowing students to enhance their knowledge and analytical skills in areas tailored to their future career objectives. It also offers highly qualified students early admission into an Accelerated M.P.A. program, providing them the opportunity to...
obtain both the B.A and M.P.A. degrees in a shortened period of study. The program is an affiliate of the Washington Center, which provides internship placements for undergraduate students in Washington, D.C.

The Master of Public Administration (M.P.A) prepares students for successful careers and future leadership positions in the public and non-profit sectors. The program is designed for students who have significant in-service experience, as well as for students who have little or no prior work experience in public or non-profit organizations. The MPA core curriculum provides students with current knowledge of public administration and public policy, and in addition develops their analytical, managerial, technological, and communication skills and abilities. Most of the MPA courses are offered in an internet-based format, enabling many students to complete their degree online. For students who lack prior professional experience, internet-based instruction is supplemented by evening and weekend sessions that accommodate the scheduling needs of working students. A choice of concentrations allows students to develop expertise either in general public administration, environmental policy, or management.

Division of Social Work
Academic building 3
Chair: Sakinah N. Salahu-Din, PhD, MSW

Faculty: P. Coccoma, MSW; E. Evans, EdD, MSW; H. Heckes, MSW; C. Perez, PhD, MSW; P. Washington, PhD, MSW

Degree Programs: Social Work (B.S.W.), and Social Work (M.S.W.)

The Bachelor of Social Work (B.S.W.) program prepares students for entry level professional practice that assists individuals, families and groups to identify their strengths and solve problems. Graduates are educated to work in a variety of public, non-profit, and proprietary social service agencies.

In the junior and senior years, students develop a core set of skills in case management, information, advocacy, and community organization used in a variety of practice settings. Graduates are prepared for advanced study if they want to pursue a graduate degree.

The Master of Social Work (M.S.W.) program prepares graduates with a solid liberal arts foundation, with a generalist foundation, and specialized clinical intervention skills to work with individuals, families and groups for an expanded clinical role that integrates political and social action skills from community practice. This multi-focal, clinical practice and community practice approach serves as the cornerstone for an expanded concept of clinical intervention.

Division of Resort &Hospitality Management
Modular 2
Director: Sherie Brezina, PhD

Faculty: S. Eisenberg, JD, MP; M. Madanoglu PhD, CHE; M. Wisnom PhD

Degrees Programs: Resort & Hospitality Management (B.S.)

The B.S. in Resort & Hospitality Management program prepares students for high demand professional careers in all aspects of the resort and hospitality industry including resort management, club and spa management, hotel and lodging management, special event management, commercial recreation, professional golf management, attractions management, resort food and beverage management, resort timeshare management, and tourism destination management. Two concentrations are available: Event Management and Spa Management

The B.S. in Professional Golf Management prepares students for high demand professional careers in all aspects of the golf industry, including golf club operations, golf facilities management, teaching golf operations, golf merchandising operations, and golf executive operations. Upon completion of all program requirements, graduates will be eligible for membership with the PGA of America. This is a limited access program. For those wishing to become PGA of America members, United States citizenship is required.
FGCU UNDERGRADUATE MAJORS AND DEGREE PROGRAMS 2008-2009

Accounting (B.S.)
Anthropology (B.A.)
Art (B.A.)
Athletic Training (B.S.)
Bioengineering (B.S.)
Biology (B.A.)
Biology (B.S.)
Biology–Accelerated (B.S.)
Biotechnology (B.S.)
Chemistry (B.A.)
Civil Engineering (B.S.C.E.)
Clinical Laboratory Science (B.S.)
Communication (B.A.)
Communication Studies Concentration
Environmental Communication Concentration
Political Communication Concentration
Public Relations Concentration
Community Health (B.S.)
Computer Information Systems (B.S.)
Computer Science (B.S.)
Software Engineering Concentration
Criminal Forensic Studies (B.S.)
Criminal Justice (B.S.)
Early Childhood Education (B.A.)
Elementary Education (B.A.)
English (B.A.)
Environmental Engineering (B.S.Env.E.)
Environmental Studies (B.A.)
Finance (B.S.)
Health Science (B.S.)
Health Science Concentration
Health Services Administration Concentration
History (B.A.)
Human Performance (B.S.)
Legal Studies (B.S.)
Long Term Care Administration (B.S.)
Management (B.S.)
Entrepreneurship Concentration
Human Resource Management Concentration
Sports Management Concentration
Marine Science (B.A.)
Marketing (B.S.)
Mathematics (B.A.)
Mathematics (B.S.)
Music Education (B.A.)
Instrumental Concentration
Choral Concentration
Music Performance (B.A.)
Voice Concentration
Piano Concentration
Instrumental Concentration
Music-Piano Pedagogy (B.A.)
Nursing (B.S.N.)
Philosophy (B.A.)
Political Science (B.A.)
Interdisciplinary Studies Concentration
Government and Managerial Innovation Concentration
Government and Information Systems Concentration
Public Administration Concentration
Professional Golf Management (B.S.)
Psychology (B.A.)
Resort & Hospitality Management (B.S.)
Event Management Concentration
Spa Management Concentration
Secondary Biology Education (B.A.)
Secondary Mathematics Education (B.A.)
Secondary Social Science Education (B.A.)
Social Work (B.S.W.)
Sociology (B.A.)
Spanish (B.A.)
Special Education (B.A.)
Theatre (B.A.)
ACCOUNTING (B.S.)
Lutgert College of Business
Department of Accounting and Finance
Web Address: www.fgcu.edu/cob/
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing. Note: Students must earn a grade of B or higher in ACG 2021, ACG 2071, and CGS 1100 in order to enroll in certain upper division (3-4000 level) accounting courses.
- Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select STA 2233
   2. Select MAC 2233
   C. Humanities (9 hrs)
      1. Select Hum 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CGS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)

3. Business Common Core (27 hrs)
   BUL 3320 Law & Business I (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)

4. Required Courses in the Major (21 hrs)
   ACG 2091 Accounting Tools (2)*
   ACG 3103 Financial Reporting & Analysis I (4)
   ACG 3113 Financial Reporting & Analysis II (3)
   ACG 3341 Cost Accounting (3)
   ACG 3401 Accounting Information Systems (3)
   ACG 4632 Independent Audit I (3)
   TAX 3012 Business Income & Property Transactions (3)
   *Students must earn a grade of B or higher in order to enroll in ACG 3103.

5. Restricted Electives (6 hrs)
   Select 6 hours of approved upper division (3-4000 level) electives in accounting (ACG) or taxation (TAX). See college advisor for a list of approved courses.

6. University Requirements (3 hrs)

Additional Graduation Requirements
- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives. Note: Students must earn a grade of B or higher in ACG 2021, ACG 2071, and CGS 1100 in order to enroll in certain upper division (3-4000 level) accounting courses.
- Complete the last 30 credit hours of business courses at FGCU.
- Complete a minimum of 12 credit hours of courses in the major at FGCU.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
- ACG 2021: may substitute (ACG 1001 and ACG 2011) or (ACG X022)
- CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
- MAC 2233: may substitute MAC X230
- STA 2023: may substitute QMB X100 or STA X122
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

ANTHROPOLOGY (B.A.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/anthropology/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)

   IDS 3920 University Colloquium (3)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

7. Additional Electives (variable)
1. HUM 2510 (3)
D. Social Sciences (6-9 hrs)
  1. ANT 2000 (3) recommended
  2. ANT 2100 (3) recommended
  3. ANT 2410 (3) recommended
E. Natural Sciences (6-9 hrs)
  1. ANT 2511(3) or BSC 2024C recommended

2. Common Prerequisites (variable)
   Two introductory level courses in anthropology (ANT prefix) (GEP)

3. Required Courses in the Major (29hrs)
   ANT 3141 Development of World Civilization (3)
   ANT 3640 Language and Culture (3)
   ANT 4034 History of Anthropological Thought (3)
   ANT 4931 Senior Seminar in Anthropology (3)
   ANT 4940 Internship in Anthropology (3)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 4955 Study Abroad (3)

Foreign Language: Proficiency equivalent to one year (8 hours) of college instruction in a foreign language. Standardized examination (CLEP) may be used to meet the requirement.

4. Electives in the Major (18-21 hrs)
   Select one of the following:
   ANT 2511 Physical Anthropology (GEP) (3)
   BSC 2024C Human Species (GEP) (3)
   Select one of the following:
   ANT 3495 Methods in Anthropology Research (3)
   ANT 3824 Archaeology Field Methods (6)
   Select 12 hours from the following:
   ANT 3905 Individual Study in Anthropology (3)
   ANT 3143 Archaeology of Europe (3)
   ANT 3158 Florida Archaeology (3)
   ANT 3231 Introduction to Folklore (3)
   ANT 3305 Anthropology of the Coastal Zone (3)
   ANT 3312 Native American Cultures (3)
   ANT 3340 Caribbean Cultural Patterns (3)
   ANT 3390 Visual Anthropology (3)
   ANT 3403 Cultural Ecology (3)
   ANT 3461 Folk Medicine (3)
   ANT 3467 Anthropology of Food (3)
   ANT 3520 Forensic Anthropology (3)
   ANT 3824L Archaeological Field Lab (3)
   ANT 4241 Magic and Religion (3)
   ANT 4311 Southeast Native Americans (3)
   ANT 4316 Cultures of the Contemporary South (3)
   ANT 4462 Medical Anthropology (3)
   ANT 4701 Applied Anthropology (3)
   ANT 4930 Special Topics (3-6)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites,
required courses in the major, and electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer enrollment requirement.
- Submit an application for graduation by the deadline listed in the FGCU Academic Calendar.

ART (B.A.)
College of Arts and Sciences
Department of Visual & Performing Arts
Web Address: www.fgcu.edu/cas/art/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. ARH 2050 (3) recommended
      3. ARH 2051 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   Must be completed with a grade of C or better
   ART 1201 Methods & Concepts I (3)
   ART 1203 Methods & Concepts II (3)
   ART 1300 Drawing I (3)
   ART 1301 Drawing II (3)
   ARH 2050 History of Visual Arts I (GEP)
   ARH 2051 History of Visual Arts II (GEP)
   ART 2xxx Any 2-3 introductory media courses (6-9)

3. Required Courses in the Major (15 hrs)
   ART 4955 Senior Project (3)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Restricted Electives (27 hrs)
   Students must complete 27 hours of coursework with at least 15 hours at the upper level (courses numbered 3000 or higher).
   ARH 2500 Survey of Non-western Art (3)
   ARH 3170 Greek and Roman Art (3)
   ARH 3200 Medieval Art (3)
   ARH 3301 Renaissance and Mannerist Art (3)
   ARH 3430 Nineteenth Century Art (3)
ATHLETIC TRAINING* (B.S.)
College of Health Professions
Department of Physical Therapy & Human Performance
Web Address: www.fgcu.edu/chp/pt/humperf/index
Calendar Year 2008-2009

The Athletic Training Education Program is accredited by the Commission on Accreditation of Athletic Training Education (2201 Double Creek Drive, Suite 5006, Round Rock, Texas 78664; telephone number 512-733-9700). Qualifications necessary for earning certification can be found at the website for the National Athletic Trainers’ Association Board of Certification Inc. (http://www.bocatc.org).

*Limited Access
A competitive admissions process is conducted for this major. All applicants who meet the minimum admission requirements listed below may not be admitted into the program. Application forms are available from the Department of Physical Therapy and Human Performance or on the web. For priority consideration, all application materials must be received by February 1st of the year in which entry is sought. Application materials received after February 1st will be considered on a space-available basis. Admission decisions are made based on materials and coursework completed at the time of the application.

Admission Requirements
• Submit FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Submit supplemental application materials.
• Complete a total of 50 hours observation in two different athletic training sites.
• At time of application to the major, 18 hours of prerequisite course work must be completed. At time of admission into the major, all prerequisite courses must be completed with a grade of C or better (a grade of C- or less is not acceptable).
• Grade point average calculated for all prerequisite courses of at least 3.00 (on a 4.0 scale).
• A minimum grade point average of 3.00 (on a 4.0 scale) for the most recent 30 college credit hours.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
      1. STA 2023 recommended
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
      1. PSY 2012 recommended
   E. Natural Sciences (6-9 hrs)
      1. BSC 1010C recommended
      2. CHM 1045C recommended

2. Common Prerequisites (variable)
   BSC 1010C General Biology w/Lab (4)
   BSC 1085C Human Anatomy and Physiology I w/Lab (4)
   BSC 1086C Human Anatomy and Physiology II w/Lab (4)
   CHM 1045C General Chemistry I w/Lab (4)
   HSC 2577 Human Nutrition (3)
   PHY 2053C College Physics I w/Lab (4)
   PSY 2012 General Psychology (3)
   STA 2023 Statistics (3)
3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management and Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (45 hrs)
   PHT 3176C Movement Science I (8)
   PHT 3177C Movement Science II (5)
   APK 4110L Applied Exercise Physiology (3)
   APK 4285 Lifespan Development (2)
   APK 4112 Sport and Exercise Psychology (3)
   APK 4930 Preparation for Entering and Growing in the Profession (1)
   APK 3312 Pharmacology and Ergogenic Aids (2)
   PHT 3363C Intro to Athletic Training (3)
   PET 3613C Athletic Training Practice I (3)
   PET 3614C Athletic Training Practice II (2)
   PET 4619C Athletic Training Practice III (4)
   PET 4629C Athletic Training Practice IV (4)
   PET 4670 Clinical Practice I (3)
   PET 4671 Clinical Practice II (2)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
   Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Progression Requirements
- Students must follow a Program of Study approved by the student's faculty advisor.
- Students must receive a grade of "C" ("S" if applicable) or better on all courses within the program curriculum.
- A student must perform at the appropriate level of generic abilities and behavioral criteria as outlined in the Professional Behaviors Plan.

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- At least 30 of the last 60 hours must be earned at FGCU.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/
- Perform at Entry Level in all Behavioral Criteria of the Professional Behaviors Plan.
- Apply for graduation per university guidelines and timeline.
- Meet all Athletic Training Education Program and FGCU graduation requirements.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
- BSC 1010C: may substitute BSC x010 and BSC x010L
- BSC 1085C: may substitute PET 2320, ZOO 3733, PET 3301C, ZOO3731, BSC 2085, BSC x093
- BSC 1086C: may substitute PET 2350, PCB 3703, PET 3302C, PCB 3702, PCB 3704, BSC 2086, BSC x094
- CHM 1045C: may substitute any Organic Chemistry course or CHM x045 and CHM x045L
- HSC 2577: may substitute PETx361, PET 2014, HUN 2002, HUN x201
- PHY 2053C: may substitute PHY x053 and PHY x053L
- STA 2023: may substitute STA x122

BIOENGINEERING (B.S.)
Lutgert College of Business
U.A. Whitaker School of Engineering
Web Address: www.fgcu.edu/cob/eng/
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Be in good academic standing and complete the following with a grade of C or higher: English I, English II, Calculus I, Calculus II, General Chemistry I, and General Physics I.
- Attend an orientation session and declare a major.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101 (3)
      2. Select ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. Select MAC 2311 (4)
      2. Select STA 2037 (3)
   C. Humanities (6-9 hrs)
      1. Select HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. Select HUM 2510 (3)
      2. Select CHM 1045C (4) recommended
      3. Select CHM 1046C (4) recommended

2. Common Program Prerequisites (variable)
   ENC 1101 English I/Composition I (3)
   ENC 1102 English II/Composition II (3)
   MAC 2311 Calculus I w/Analytical Geometry (4)
   MAC 2312 Calculus II w/Analytical Geometry (4)
   MAC 2313 Calculus III w/Analytical Geometry (4)
   MAP 2302 Differential Equations (3)
   CHM 1045C General Chemistry w/Lab I (4)
   CHM 1046C General Chemistry w/Lab II (4)
   PHY 2048C General Physics w/Lab I (4)
   PHY 2049C General Physics w/Lab II (4)
   CHM 2210C Organic Chemistry w/Lab I (4)
   BSC 1010C General Biology w/Lab I (4)
   XXX XXXX Humanities Courses (6)
   XXX XXXX Social Science Courses (6) [ECO 2023 recommended]
   XXX XXXX Humanities or Social Science Course (3)
   [HUM 2510 recommended]

3. Engineering Common Core (19 hrs)
   EGN 1006L Intro to the Engineering Profession (1)
   EGN 1041C Problem Solving & Design Engrs (2)
   EGM 3420C Engineering Mechanics (4)
   EGM 3331C Mechanics of Materials (3)
   EGM 3641C Engineering Entrepreneurship (3)
   EGM 3833C Engineering Service Learning (2)
   EGN 4410L Engineering Senior Design I (1)
   EGN 4411L Engineering Senior Design II (3)
4. Required Courses in the Major (44 hrs)
   BME 3100C Introduction to Biomaterials (3)
   BME 3261C Biofluid Mechanics (3)
   BME 3403C Human Physiology for Engineers I (3)
   BME 3404C Human Physiology for Engineers II (3)
   BME 4211C Biomechanics (3)
   BME 4503C Biomedical Instrumentation (3)
   BME 4504C Bioelectricity (3)
   BME 4632C Biotransport Phenomena (3)
   BME 4722C Health Care Engineering (3)
   BME 4800C Bioengineering Product Design (3)
   EGN 3373C Circuits and Sensors for Bioengineers (3)
   EGN 3374C Signals and Systems for Bioengineers (3)
   XXX XXXX Technical Elective (4)*
   XXX XXXX Technical Elective (4)* or CHM 2211C Organic Chemistry w/Lab II (4)

   *The Technical Elective must be approved by the Academic Advisor for engineering in consultation with the faculty.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 129 HRS

Additional Graduation Requirements
- A minimum of 129 credit hours.
- At least 48 of the 129 hours at the upper division (3000 and higher) level.
- A minimum of 32 of the last 60 credit hours to be taken at FGCU, including 12 credit hours in the major.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A cumulative GPA of 2.0 on all engineering courses.
- (These courses are not included in the calculation of the cumulative GPA for engineering courses unless the Technical Elective is an engineering course.)
- Satisfaction of CLAST, Gordon Rule writing and computer, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher.
- CHM 1045C: may substitute CHM 1045 and CHM 1045L or CHS X440
- CHM 1046C: may substitute CHM 1046 and CHM 1046L
- MAC 2311, MAC 2312, and MAC 2313: may substitute MAC X281, MAC X282, and MAC X283
- PHY 2048C: may substitute PHY 2048 and PHY 2048L
- PHY 2049C: may substitute PHY 2049 and PHY 2049L

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

BIOLOGY (B.A.)
College of Arts and Sciences
Department of Biological Sciences
Web Address: www.fgcu.edu/cas/biology/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application for admission, and satisfy all applicable university admis-
HIS 3470  History of Science and Technology (3)
ISC 4930  Current Topics (1)
MAC 2312^ Calculus II (4)
MCB 3020C General Microbiology (4)
MCB 3565C Environmental Microbiology (3)
MCB 4203C Pathogenic Microbiology (3)
MCB 4502 Virology (3)
MCB 4507C Virology, Mycology & Parasitology (3)
OCB 4043C Marine Ecology (3)
OCE 3008C Oceanography (3)
PCB 3043C* General Ecology (3)
PCB 3414C Behavioral Ecology (3)
PCB 3460C Ecosystem Monitoring and Res Meth (3)
PCB 3673 Evolutionary Biology (3)
PCB 3703C Human Physiology (3)
PCB 3723C Comparative Animal Physiology (3)
PCB 4233C Immunology (3)
PCB 4253C Developmental Biology (3)
PCB 4502 Virology (3)
PCB 4507C Virology, Mycology & Parasitology (3)
PCB 4674C College Physics with Lab I (4) or PHY
2049C^ College Physics with Lab II (4) or PHY
2054C^ College Physics I with Lab (4)
ZOO 3713C Vertebrate Form and Function (3)
ZOO 4436C Evolution of the Mammals (3)
ZOO 4454C Ichthyology (3)
ZOO 4480C Mammalogy (3)
ZOO 4743C Neuroscience (3)
ZOO 4753C Histology (3)

^ Courses taken to satisfy common prerequisites cannot
be counted as an elective.

*Courses taken in one elective category cannot be used to
satisfy another elective category.

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper
division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at
FGCU.
• A minimum grade of C for each course used to satis-
fy the following categories: common prerequisites,
interdisciplinary core, required courses in the major,
and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and compu-
tation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See
www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at
FGCU.
• Completion of the summer course enrollment require-
ment.
• Submit an application to graduate to CAS Advising by
the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common
prerequisites and must be completed with a grade of C
or better
• BSC 1010C: may substitute BSC 1010 and BSC 1010L,
• BSC 1011C: may substitute BSC 1011 and BSC 1011L,
ZOO X010C, BOT X010C, BSC X041C, BOT X013C.
• PHY 2010C: may substitute PHY 2010C, 2013, PHY
2011C, 2014, or equivalent.
• PHY 2011C: may substitute PHY 2011C, 2012, PHY
2011L, PHY X047/X047L, X048/X048L, X049/X049L or
equivalent.
• MCB 2111: may substitute MAC 2233, 2253, X281.
• MCB 2311: may substitute STA 2122, x014, 2023, x024,
x321 or equivalent, MAC x234, x254, x282.

BIOLOGY (B.S.)
College of Arts and Sciences
Department of Biological Sciences
Web Address: www.fgcu.edu/cas/biology/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application
for admission, and satisfy all applicable university admis-
sion requirements.
• Complete common prerequisites with a grade of C or
better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1010C (4)
      2. BSC 1011C (4)
      3. CHM 1045C (4)

Note: All combined lecture and laboratory courses
(marked with a C) are equivalent to taking the lecture and
laboratory separately as two courses.

2. Common Prerequisites (variable)
   Must be completed with a grade of C or better
   BSC 1010C General Biology with Lab I (GEP)
   BSC 1011C General Biology with Lab II (4) (GEP)
   CHM 1045C General Chemistry with Lab I (GEP)
   CHM 1046C General Chemistry with Lab II (4)
   CHM 2210C Organic Chemistry with Lab I (4)
   CHM 2211C Organic Chemistry with Lab II (4)
   MAC 2311 Calculus I (GEP)
   MAC 2312 Calculus II (4)

3. Required Courses in the Major (variable) (27 hrs)
   BCH 3023C Biochemistry (3)
   BSC 4944L Senior Capstone (3)
   IDS 3300 Foundations of Civic Engagement (3)
   MCB 3020C Microbiology (4)
   PCB 3023C Cell Biology (3)
PCB 3063C Genetics (3)
PHY 2048C General Physics w/lab I or PHY 2053C College Physics w/lab I (4)*
PHY 2049C General Physics w/lab II or PHY 2054C College Physics w/lab II (4)*

*If PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C were completed as common prerequisites, CHM 2210C and CHM 2211C must be taken to fulfill the core requirements; conversely, if CHM 2210C and CHM 2211C were taken to fulfill common prerequisites, PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C must be completed.

4. electives in the major (21 hrs)
Select 21 hours from the following:
BCH 3025C Analytical Biochemistry (3)
BOT 4394C Plant Molecular Biology (3)
BOT 4503C Plant Physiology (3)
BSC 1930L Seminar in Medicine I (1)
BSC 2930L Seminar in Medicine II (1)
BSC 4900 Dir Ind Study/Research Biology (1-3)
BSC 4905 Dir Independent Study/Research Biotechnology (1-3)
BSC 4930 Special Topics in Biology (2-4) (course must be approved by dept. chair)
BSC 4940 Internship in Biology (2-4)
BSC 4941 Internship in Biotechnology (1-3)
EVR 4605C Environmental Toxicology (3)
ISC 3120 Scientific Process (3)
MAC 2312 Calculus II (4)
MCB 4502 Virology (3)
MCB 4203C Pathogenic Microbiology (3)
MCB 4507C Virology, Mycology, Parasitology (3)
PCB 3414C Behavioral Ecology (3)
PCB 3703C Human Physiology (3) or PCB 3723C Comparative Animal Physiology (3)*
PCB 4233C Immunology (3)
PCB 4253C Developmental Biology (3)
PCB 4522C Molecular Genetics (3)
PCB 4673 Evolutionary Biology (3)
PCB 4783C Cell Membrane Physiology (3)
ZOO 3713C Vertebrate Form and Function (3)
ZOO 4436C Evolution of Mammals (3)
ZOO 4454C Ornithology (3)
ZOO 4480C Mammalogy (3)
ZOO 4743C Neuroscience (3)
ZOO 4753 Histology (3)

*Only one course in the pair may be counted toward the electives in the major requirement.

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and compu-
tation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/.
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
• BSC 1010C: may substitute BSC 1010 and BSC 1010L, PCB X101, X011, X021, X131, BSC X040, 2012.
• BSC 1011C: may substitute BSC 1011 and 1011L, ZOO X010C, BOT X010C, BSC X041C, BOT X013C.
• CHM 2210C: may substitute CHM 2210 and CHM 2211C, PHY X043/X043L, X048/X048L, X049/X049L or equivalent.
• CHM 2211C: may substitute CHM 2211 and CHM 2211L, PHY X053/X053L, X048/X048L, X049/X049L or equivalent.
• MAC 2311: may substitute MAC 2233, 2253, X281.
• MAC 2312: may substitute STA 2122, x014, 2023, x321 or equivalent, MAC x234, x254, x282.

BIOLOGY-ACCELERATED (B.S.)
College of Arts and Sciences
Department of Biological Sciences
Web Address: www.fgcu.edu/cas/biology/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application for admission, and satisfy all applicable university admission requirements.
• Enter as Freshman
• Florida Residency
• SAT score of 1300 or ACT of 29
• Unweighted high school GPA of 3.7
• Completion of the FGCU Department of Biological Sciences Accelerated 3+4 Pre-Medicine application.
• Completion of the Accelerated USF Medical School application form with one letter of recommendation following admission to the FGCU Accelerated 3+4 Pre-Medicine option.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1010C (4)
      2. BSC 1011C (4)
      3. CHM 1045C (4)
Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   Must be completed with a grade of C or better
   BSC 1010C General Biology with Lab I (GEP)
   BSC 1011C General Biology with Lab II (4) (GEP)
   CHM 1045C General Chemistry with Lab I (GEP)
   CHM 1046C General Chemistry with Lab II (4)
   CHM 2210C Organic Chemistry with Lab I (4)
   CHM 2211C Organic Chemistry with Lab II (4)
   MAC 2311 Calculus I (GEP)
   MAC 2312 Calculus II (4)

3. Required Courses in the Major (57 hrs)
   BCH 3023C Biochemistry (3)
   BSC 1930L Seminar in Medicine I (1)
   BSC 2930L Seminar in Medicine II (1)
   BSC 3930L Seminar in Medicine III (1)
   BSC 4944L Senior Capstone (3)
   MCB 3020C Microbiology (4)
   PCB 3063C Genetics (3)
   PCB 3703C Human Physiology (3)
   PHY 2048C General Physics w/lab I or PHY 2053C College Physics w/lab I (4)*
   PHY 2049C General Physics w/lab II or PHY 2054C College Physics w/lab II (4)*

*Plus satisfactory completion of 30 credit hours through the USF College of Medicine.

**If PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C were completed as common prerequisites, CHM 2210C and CHM 2211C must be taken to fulfill the core requirements; conversely, if CHM 2210C and CHM 2211C were taken to fulfill common prerequisites, PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C must be completed.

4. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

5. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
- BSC 1011C: may substitute BSC 1011 and 1011L, ZOO X010C, BOT X010C, BSC X041C, BOT X013C.
- CHM 2210C: may substitute CHM 2210 and CHM 2210L, PHY X043/X043L, X048/X048L, X049/X049L or equivalent.
- CHM 2211C: may substitute CHM 2211 and CHM 2211L, PHY X053/X053L, X048/X048L, X049/X049L, or equivalent.
- MAC 2311: may substitute MAC 2233, 2253, X281.
- MAC 2312: may substitute STA 2122, x014, 2023, x024, x321 or equivalent, MAC x234, x254, x282.

BIOTECHNOLOGY (B.S.)
College of Arts and Sciences
Department of Biological Sciences
Web Address: www.fgcu.edu/cas/factsheets/biotech-facts.pdf
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1010C (4)
      2. BSC 1011C (4)
      3. CHM 1045C (4)

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   BSC 1010C General Biology with Lab I (GEP)
   BSC 1011C General Biology with Lab II (4) (GEP)
   CHM 1045C General Chemistry with Lab I (GEP)
   CHM 1046C General Chemistry with Lab II (4)
   CHM 2210C Organic Chemistry with Lab I (4)
   CHM 2211C Organic Chemistry with Lab II (4)
   PHY 2053C College Physics with Lab I (4)
   PHY 2054C College Physics with Lab II (4)
   MAC 2311 Calculus I (GEP)
   STA 2023 Statistical methods (GEP)

3. Required Courses in the Major (28 hrs)
   BCH 3023C Biochemistry (3)
   BSC 4422C Methods in Biotechnology (3)
   BSC 4942C Senior Research in Biotechnology (2)
BSC 4943 Senior Project Presentation in Biotechnology (1)
IDS 3300 Foundations of Civic Engagement (3)
ISC 3120 Scientific Process (3)
MCB 3020C Microbiology (4)
PCB 3023C Cell Biology (3)
PCB 3063C Genetics (3)
PCB 4522C Molecular Genetics (3)

4. Electives in the Major (20 hrs)
Select 2 hours from the following:
BSC 4905 Directed Independent Study/Research in Biotechnology (1-3) or
BSC 4941 Internship in Biotechnology (1-3)

Select 18 hours from the following:
BCH 3025C Analytical Biochemistry (3)
BOT 4394C Plant Molecular Biology (3)
BOT 4503C Plant Physiology (3)
BSC 4905 Directed Independent Study/Research in Biotechnology (1-3)
BSC 4941 Internship in Biotechnology (1-3)
EVS 4814 Environmental Toxicology (3)
ISC 4131 Scientific Entrepreneurship (3)
MAC 2312 Calculus II (4)
MCB 4507C Virology, Mycology & Parasitology (3)
OCB 4633C Marine Ecology (3)
PCB 3033C* Concepts of Ecology (3)
PCB 3463C Marine Ecosystems Monitoring and Research Methods (3)
PCB 3703C* Human Physiology (3)
PCB 3723C* Comparative Animal Physiology (3)
PCB 4233C Immunology (3)
PCB 4253C Developmental Biology (3)
ZO0 4743C Neuroscience (3)

* Only three credits in Physiology, from either PCB 3723C Comparative Animal Physiology or PCB 3703C Human Physiology will count towards the required hours of electives in Biotechnology.
** Only three credits in Ecology, from either OCB4633C Marine Ecology or PCB 3033C Concepts of Ecology, will count towards the required hours of electives in Biotechnology.

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.
• PHY 2053C: may substitute PHY 2053 and PHY 2053L; PHY X048/X048L
• PHY 2054C: may substitute PHY 2054 and 2054L; PHY X049/X049L
• MAC 2311: may substitute MAC 2233, MAC 2253, or MAC X281
• STA 2023: S: may substitute STA 2122, STA 2014, STA 2024, or STA 2321
• NOTE: All combined lecture and laboratory courses (marked with C) are equivalent to taking the lecture and laboratory separately as two courses.

CHEMISTRY (B.A.)
College of Arts and Sciences
Department of Chemistry and Math
Web Address: www.fgcu.edu/cas/chemistry/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. CHM 1045C (4)
      2. CHM 1046C (4)
      3. CHM 2210C (4)

   Note: All combined lecture and laboratory courses (marked with C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   CHM 1045C General Chemistry I with lab (GEP)
   CHM 1046C General Chemistry II with lab (GEP)
   CHM 2210C Organic Chemistry I (4) (GEP)
   CHM 2211C Organic Chemistry II (4)
   MAC 2311 Calculus I (GEP)
   MAC 2312 Calculus II (4)

3. Required Courses in the Major (45 hrs)
   BCH 3023C Biochemistry (3)
   BCH 3025C Analytical Biochemistry (3)
   CHM 3005C Physical Chemistry for the Life Sciences (4)
   CHM 3120C Analytical Chemistry (4)
   CHM 4139C Instrumental Analysis (4)
   CHM 4140 Senior Project Research in Chemistry (2)
CIVIL ENGINEERING (B.S.C.E.)
Lutgert College of Business
U.A. Whitaker School of Engineering
Web Address: www.fgcu.edu/cob/eng/
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application for admission and satisfy all applicable university admission requirements.
• Be in good academic standing and complete the following with a grade of C or higher: English I, English II, Calculus I, Calculus II, General Chemistry I, and General Physics I.
• Attend an orientation session and declare a major.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
       1. Select ENC 1101 (3)
   B. Mathematics (6 hrs)
       1. Select MAC 2311 (4)
   C. Humanities (9 hrs)
       1. Select HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
       1. Select BSC 1010C (4)
           2. Select CHM 1046C (4)

2. Common Program Prerequisites (variable)
   ENC 1101 English I/Composition I (3)
   ENC 1102 English II/Composition II (3)
   MAC 2311 Calculus I w/Analytical Geometry (4)
   MAC 2312 Calculus II w/Analytical Geometry (4)
   MAC 2313 Calculus III w/Analytical Geometry (4)
   MAP 2302 Differential Equations (3)
   CHM 1045C General Chemistry w/Lab I (4)
   CHM 1046C General Chemistry w/Lab II (4)
   PHY 2048C General Physics w/Lab I (4)
   PHY 2049C General Physics w/Lab II (4)
   XXX XXXX Humanities Courses (6)
   XXX XXXX Social Science Courses (6) [ECO 2023 recommended]
   XXX XXXX Humanities or Social Science Course (3)
       [HUM 2510 recommended]

3. Engineering Common Core (19 hrs)
   EGN 1006L Intro to the Engineering Profession (1)
   EGN 1041C Problem Solving & Design Engrs (2)
   EGM 3420C Engineering Mechanics (4)
   EGN 3331C Mechanics of Materials (3)
   EGN 3641C Engineering Entrepreneurship (3)
   EGN 3833C Engineering Service Learning (2)
   EGN 4410L Engineering Senior Design I (1)
   EGN 4411C Engineering Senior Design II (3)

4. Required Courses in the Major (47 hrs)
   CCE 3101C Civil Engineering Materials (3)
   CCE 4031C Project Planning & Regulations (3)
   CEG 3011C Soil Mechanics (3)
   CEG 4012C Geotechnical Engineering (3)
   CES 3100C Mechanics of Engineering Structures (3)
   CES 4702C Reinforced Concrete Design (3)
   CGN 3323C Surveying and Geomatics (3)
   CWR 3201C Engineering Fluid Mechanics (3)
   CWR 3202C Hydraulics (3)
   CWR 4540C Water Resources Design (3)
   EGN 2111C Engineering Computer Graphics (2)
   ENV 3006C Fundamentals of Environ Engr (3)
   ENV 4417C Water & Wastewater Treatment (3)
   TTE 3002C Transportation Engineering (3)
   XXX XXXX Technical Elective (3)*
   XXX XXXX Technical Elective (3)*
   *The Technical Electives must be approved by the Academic Advisor for engineering in consultation with the faculty.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
TOTAL SEMESTER HOURS REQUIRED 128 HRS
Additional Graduation Requirements

- A minimum of 128 credit hours.
- At least 48 of the 128 hours at the upper division (3000 and higher) level.
- A minimum of 32 of the last 60 credit hours to be taken at FGCU, including 12 credit hours in the major.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A cumulative GPA of 2.0 on all engineering courses.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:

- CHM 1045C may substitute CHM 1045 and CHM 1045L or CHS X440
- MAC 2311, MAC 2312, and MAC 2313: may substitute MAC X281, MAC X282, and MAC X283
- PHY 2048C: may substitute PHY 2048 and PHY 2048L
- PHY 2049C: may substitute PHY 2049 and PHY 2049L

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

CLINICAL LABORATORY SCIENCE (B.S.)

College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2008-2009

Admission Requirements

- Submit FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Either a minimum cumulative grade point average of 2.50 or a minimum grade point average of 2.75 for the most recent 30 (+/-) college credit hours.
- Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.
- Submission of a completed College of Health Professions supplemental application.
- Applicants may apply for fall admission. Applicants must be admitted to FGCU and supplemental application materials must be received prior to the fall semester by the established deadline.

1. FGCU General Education (36 hrs)

- Communication (6 hrs)
- Mathematics (6 hrs)
- Humanities (9 hrs)
- Social Sciences (6-9 hrs)
- Natural Sciences (6-9 hrs)

   Select from Common Prerequisites

2. Common Prerequisites (27 hrs)

- BSC xxxxC General Biology w/Lab I (4) [BSC 1010C recommended]
- BSC xxxxC Anatomy & Physiology w/ Lab I (4) [BSC 1085C recommended]
- BSC xxxxC Anatomy & Physiology w/ Lab II (4) [BSC 1086C recommended]
- CHM xxxxC General Chemistry w/Lab I (4) [CHM 1045C recommended]
- CHM xxxxC General Chemistry w/Lab II (4) [CHM 1046C recommended]
- CHM xxxxC Organic Chemistry I w/Lab (4) [CHM 2210C recommended]
- CHM xxxxC Organic Chemistry II w/Lab (4) [CHM 2211C recommended]
- MCB xxxxC General Microbiology (4) [MCB 3020C recommended]
- STA xxx Statistics (3) [STA 2023 recommended]

3. Interdisciplinary College Core (12 hrs)

   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management & Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (48 hrs)

   BOC 3023C Biochemistry (3)
   MLX 3038C Essentials of CLS (3)
   MLX 3202C Biological Fluid Analysis (2)
   MLX 4118C Molecular Diagnostics (3)
   MLX 4308C Hematology/Hemostasis (3)
   MLX 4404 Diagnostic Microbiology (3)
   MLX 4505C Clinical Immunology (2)
   MLX 4550C Immunohematology & Transfusion (3)
   MLX 4627C Clinical Biochemistry (3)
   MLX 4820C Clinical Hematology Practicum (3)
   MLX 4821C Clinical Microbiology Practicum (3)
   MLX 4822C Clinical Hematology Practicum (3)
   MLX 4823C Clinical Immunohematology Practicum (3)
   MLX 4826C Clinical Immunology Practicum (2)
   MLX 4462 Diagnostic Virology/Mycology/Parasitology (3)
   PCB 3063C Genetics (3)
   PCB 4233C Immunology (3)

5. University Requirements (3 hrs)

   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

   Additional electives may be required to reach a minimum of 123 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 123 HRS

Additional Graduation Requirements

- Earn a minimum of 123 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Within the 123 total credit hours, a minimum of 48 credit hours must be taken at the upper division (courses numbered 3000 and higher).
- Earn a grade of C or above in all courses identified in Sections 2, 3, 4, and 5 above. A grade of C- does not satisfy the requirement of a minimum grade of C.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy service-learning requirement. See www.fgcu.edu/connect/

At least 25% of the coursework required for the degree and 30 of the last 60 hours must be earned at FGCU.

Transfer Notes and Acceptable Substitutes

- BSC xxxxC General Biology w/Lab I: May substitute BSC X010C, BSC X011C, BSC X010/X010L, BSC X011/X011L, PCB X011C, PCB X131/X131L, ZOO X010
- BSC xxxxC Anatomy & Physiology w/ Lab I: May sub-
COMMUNICATION (B.A.)  
College of Arts and Sciences  
Department of Communication and Philosophy  
Web Address: www.fgcu.edu/cas/communication/  
Phone: 239-590-7196  
Catalog Year 2008-2009

Admission Requirements
- Submission of a FGCU Undergraduate Admission Application and satisfaction of all applicable university admission requirements.
- Satisfaction of Common Prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)  
      1. ENC 1101 (3)  
      2. ENC 1102 (3)  
   B. Mathematics (6 hrs)  
      1. STA 2023 (3)  
   C. Humanities (9 hrs)  
      1. HUM 2510 (3)  
      2. SPC 1600 (3) recommended  
   D. Social Sciences (6-9 hrs)  
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   18 hours are required outside the major and beyond the 36 hours of General Education requirements with a grade of C or better.

3. Required Courses in the Major (33 hrs)
   IDS 3300 Foundations of Civic Engagement (3)  
   IDS 3301 Issues in Culture and Society (3)  
   IDS 3303 Issues in Science and Technology (3)  
   IDS 4910 Integrated Core Senior Seminar (3)  
   PHI 3106 Principles of Rhetoric and Argumentation (3)  
   PHIL 3223 Philosophy of Human Communication (3)  
   SPC 1600 Fundamentals of Human Communication (3)  
   (GEP) or SPC 2023 Public Speaking (3)  
   SPC 3210 Theories of Human Communication (3)  
   SPC 3301 Interpersonal Communication (3)  
   SPC 3721 Intercultural Communication (3)  
   SPC 4941* Internship (3)
*COM 4311 may be substituted for SPC 4941 in the Communication Studies Concentration and Political Communication Concentration.

4. Concentration Requirements (15-18 hrs)
   Complete one of the following concentrations:
   A. Communication Studies Concentration
      Complete the following:
      COM 3343 Rhetorical Criticism and Analysis (3)  
      SPC 4932 Senior Seminar (3)
      Select 3 hours from the following:
      SPC 3360 Interviewing (3)  
      SPC 3425 Group Communication (3)  
      SPC 3513 Argumentation & Debate (3)  
      SPC 3602 Advanced Public Speaking (3)  
      SPC 3408 Stand-Up Comedy (3)
      Select 3 hours from the following:
      COM 3014 Communication & Gender (3)  
      COM 3120 Organizational Communication Behavior (3)  
      COM 3407 Theories of Comedy (3)  
      COM 3462 Communication and Conflict (3)  
      COM 3540 Persuasion and Propaganda (3)  
      SPC 3330 Nonverbal Communication (3)  
      SPC 3350 Listening Theory (3)  
      Or any course numbered 3000-4999 with the prefix PHI, PHIL, MCB, or REL that is not a required course in the major.

   B. Environmental Communication Concentration
      Complete each of the following:
      EVR 3020 Environmental Philosophies (3)  
      REL 3112 Seven Deadly Sins (3)  
      Select 3 hours from the following:
      ENC 2160 Introduction to Nature Writing (3)  
      EVR 3021 Environmental Literature (3)

   C. Political Communication Concentration
      Complete the following:
      COM 4932 Senior Practicum/Thesis (3)
      Select 3 hours from the following:
      COM 3344 Rhetoric of Social Movements (3)  
      POS 3250 Political Communication (3)  
      POT 3075 Politics and Culture (3)
   Select 6 hours from the following:
   COM 3120 Organization Communication Behavior (3)  
   COM 3462 Communication and Conflict (3)  
   COM 3510 Political Campaign Rhetoric (3)  
   COM 3540 Persuasion and Propaganda (3)  
   INR 4303 American Foreign Policy (3)  
   POS 3270 Political Campaigns and Elections (3)
PUP 4004  Policymaking & Administration (3)
PUP 4712  Problems of Market and Government (3)

Select 3 hours from the following:
COM 3343  Rhetorical Analysis and Criticism (3)
COM 4311  Research Methods (3)
STA 2023  Statistical Methods (3)

Select 3 hours from the following:
ENC 3250  Professional Writing (3)
SPC 3513  Argumentation and Debate (3)
SPC 3602  Advanced Public Speaking (3)

D. Public Relations Concentration
Complete the following:
PUR 3000  Principles of Public Relations (3)
PUR 3100  Public Relations Writing (3)
PUR 3600  Public Relations Strategy (3)
PUR 4500  Public Relations Research (3)
PUR 4800  Public Relations Campaigns (3)

Select 3 hours from the following:
PUR 4430  Environmental Public Relations (3)
PUR 4420  Nonprofit Public Relations (3)

5. University Requirements (3 hrs)
IDS 3920  University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

COMMUNITY HEALTH (B.S.)
College of Health Professions
Department of Occupational Therapy and Community Health
Web Address: www.fgcu.edu/chp/ot/ch_overview.asp
Calendar Year 2008-2009

Admission Requirements
• Submission of a FGCU Undergraduate Admission Application for admission, and satisfaction of all applicable university admission requirements.
• Submission of supplemental application materials for the Community Health major.
• At the time of application to the major, 18 hours of prerequisite course work must be completed. At the time of admission to the major, all prerequisite courses must be completed with a grade of C or better (a grade of C- is not acceptable).
• GPA for all prerequisite courses at or above 2.75 (on a 4.0 scale).

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
A. Communication (6 hrs)
B. Mathematics (6 hrs)
   1. STA 2023 recommended
   2. MAC 1105 recommended
C. Humanities (9 hrs)
D. Social Sciences (6-9 hrs)
   1. PSY 2012 recommended
E. Natural Sciences (6-9 hrs)
   1. BSC 1085C recommended
   2. CHM 1045C recommended

2. Common Prerequisites (variable)
   BSC 1085C  Human Anatomy & Physiology I w/Lab (GEP)
   BSC 1086C  Human Anatomy and Physiology II w/Lab (4)
   CHM 1045C  General Chemistry I w/Lab (GEP)
   MCB 2010C  Microbiology w/Lab (4)
   MAC 1105  College Algebra (GEP)
   PSY 2012  General Psychology (GEP)
   STA 2023  Statistical Methods (GEP)

3. Interdisciplinary College Core (12 hrs)
   IHS 3101  Shaping Health Care in the 21st Century (3)
   IHS 3203  Management and Leadership in Health Care Organizations (3)
   IHS 4504  Research Methods in Health Care (3)
   IHS 4938  Senior Seminar (3)

4. Required Courses in the Major (33 hrs)
   CLP 3140  Basic Psychopathology (3)
   DEP 2004  Principles of Development (3)
   HSC 2577  Nutrition, Human Health, & Wellness (3)
   HSC 3201  Understanding Healthy Communities (3)
   HSC 3208  Health Education Foundations (3)
   HSC 3243  Teaching & Learning in Health Prof. (3)
   HSC 3582  Health Through Occupation & Particip. (3)
   HSC 4555  Health Conditions (3)
   IHS 3112  Legal & Ethical Principles of Health Care (3)
   OTH 3012C  Dynamics of Communication (3)

Select one of the following:
   BSC 2026  Biology of Human Sexuality (3)
   SOP 2770  Introduction to Human Sexuality (3)

5. Electives (advisor approval required) (12 hrs)
   GEY 3001*  Introduction to Gerontology (3)
   GEY 3601*  Aging and Human Performance (3)
   GEY 4643*  Later Life Transitions (3)
   HSA 3111  US Health Care Systems (3)
   HSA 4170  Financial Mgmt in Health Care (3)
   HSA 4222  Long Term Care Administration (3)
   HSC 3131  Health Counseling (3)
   HSC 3531  Medical Terminology (3)
   HSC 4150**  Impacts of Substance Abuse (3)
   HSC 4241  Needs Assessment & Program Planning (3)
   HSC 4500  Epidemiology (3)
   HSC 4910  Capstone: Developing Community Health Services (3)
   HSC 4932  Topics in Health Prof Edu (3)
   HUS 4440**  Substance Abuse & the Family (3)
   HUS 4525  Issues in Mental Health (3)
HUS 4429** Substance Abuse Treatment & Resources (3)
HUS 4932 Issues in Aging (3)
OTH 3417C Human Gross Anatomy (4)
OTH 3429C Neuroanatomy & Function (3)
PHY 2053C College Physics (4)

*Only one of GEY 3001, GEY 3601, or GEY 4643 may be selected.
**Only one of HSC 4150, HUS 4440, or HUS 4429 may be selected.

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Students must satisfactorily complete a minimum of 120 credit hours.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- At least 30 of the last 60 hours must be earned at FGCU.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- A minimum grade of C is required for all completed CHP core courses and courses included in the Community Health major and concentrations for a student to be progressed through the curriculum.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
BSC 1085C: May substitute any Human Anatomy and Physiology I w/Lab (4)
BSC 1086C: May substitute any Human Anatomy and Physiology II w/Lab (4)
CHM 1045C: May substitute any General Chemistry w/Lab (4)
MCB 2010C: May substitute any Microbiology w/Lab (4)
STA 2023: May substitute any statistics course (3)

COMPUTER INFORMATION SYSTEMS (B.S.)
Lutgert College of Business
Department of Information Systems and Operations Management
Web Address: www.fgcu.edu/cob/
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Satisfy Common Prerequisite requirements with a grade of C or higher, and be in good academic standing.
- Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   - Communication (6 hrs)
     1. Select ENC 1101
     2. Select ENC 1102
   - Mathematics (6 hrs)
     1. Select MAC 2233
     2. Select STA 2023
   - Humanities (9 hrs)
     1. Select HUM 2510
   - Social Sciences (6-9 hrs)
     1. Select ECO 2013
     2. Select ECO 2023
   - Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   - ACG 2021 Core Concepts of Accounting I (3)
   - ACG 2071 Core Concepts of Accounting II (3)
   - CGS 1100 Introduction to Computers (3)
   - ECO 2013 Principles of Macro Economics (GEP)
   - ECO 2023 Principles of Micro Economics (GEP)
   - MAC 2233 Elementary Calculus (GEP)
   - STA 2023 Statistical Methods (GEP)

3. Business Common Core (27 hrs)
   - BUL 3130 Legal & Ethical Environment of Bus (3)
   - FIN 3403 Business Finance (3)
   - ISM 3011 Information Systems (3)
   - MAN 3025 Contemporary Mgt Concepts (3)
   - MAN 3504 Operations Management (3)
   - MAR 3023 Introduction to Marketing (3)
   - GEB 4890 Business Strategy (capstone) (3)
   - ENC 3250 Professional Writing (3)
   - SPC 2023 Public Speaking (3)

4. Required Courses in the Major (18 hrs)
   - ISM 3113 Systems Analysis & Design (3)
   - ISM 3212 Database Concepts & Admin (3)
   - ISM 3220 Data Communications (3)
   - ISM 3230 Intro Business Programming (3)
   - ISM 3232 Intermed Business Programming (3)
   - ISM 4154 Systems Integration Strategies (3)

5. Restricted Electives (9 hrs)
   Select 9 hours of approved upper division (3-4000 level) electives in Computer Information Systems. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED (120 hrs)

Additional Graduation Requirements
- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a Grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives.
- Complete the last 30 credit hours of business courses at FGCU.
- Complete a minimum of 12 credit hours of courses in the major at FGCU.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/.
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
- ACG 2021: may substitute (ACG 1001 and ACG 2011) or (ACG X022)
- CS 1100: may substitute one of the following CGS X530, X570, X600, X100, X531, X570, X000, MAN X812 or demonstrated competency in CS 1100
- MAC 2233: may substitute MAC X230
- STA 2023: may substitute QMB X100 or STA X122

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

COMPUTER SCIENCE (B.S.)
Lutgert College of Business
U.A. Whitaker School of Engineering
Web Address: www.fgcu.edu/cob/eng/
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Application for Admission and satisfy all applicable university admission requirements.
- Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing.
- Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. STA 2023 recommended
      2. MAC 2311 recommended
   C. Humanities (9 hrs)
      1. Select HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. PHY 2048C recommended
      2. PHY 2049C recommended

2. Common Prerequisites (variable)
   COP 2006 Introduction to Programming (3)
   MAC 2311 Calculus I (GEP)
   MAC 2312 Calculus II (GEP)
   PHY 2048C General Physics I (GEP)
   PHY 2049C General Physics II (GEP)
   Select two science courses for science majors (6)

3. Required Courses in the Major (42 hrs)
   CDA 3104 Computer Organization & Assembly Language Programming (3)
   CDA 3200 Digital Systems (3)
   CDA 4150 Computer Architecture (3)
   CEN 3031 Software Engineering (3)
   CEN 4516 Computer Networks (3)
   CEN 4935 Sr Software Engineering Project (3)
   COP 1500 Introduction to Computer Science (3)
   COP 2001 Programming Methodology (3)
   COP 2532 Data Structures (3)
   COP 3003 Object-Oriented Programming (3)

4. Restricted Electives/Concentration (12-15 hrs)
   Select one of the following groupings:
   A. Restricted Electives (12 hours)
      (No concentration noted on transcript)
      Select 12 hours from the following:
      CAP 3611 Computation & Neural Systems (3)
      CAP 4730 Computer Graphics (3)
      CAP 4830 Simulation & Modeling (3)
      CDA 4170 Data Acquisition & Control Systems (3)
      COP 2550 Programming Systems (3)
      COP 4908 Independent Study (3)
      COP 4931 Special Topic in Computer Science (3)
      ISM 3238 Advanced Business Programming (3)
      See college advisor for approval of additional courses.
   B. Software Engineering Concentration (15 hours)
      CAP 4830 Simulation & Modeling (3)
      CDA 4170 Data Acquisition & Control Systems (3)
      ENC 3250 Professional Writing (3)
      Additional 6 hours of approved upper division (3-4000 level) Computer Science electives. See college advisor for a list of approved courses.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Unrestricted Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 hrs

Additional Graduation Requirements
- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a Grade of C or higher in the Common Prerequisites, Required Courses in the Major, and Restricted Electives/Concentration.
- Complete a minimum of 30 of the last 60 credit hours at FGCU, including 12 credit hours in the major.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
- COP 2006: may substitute Introductory Programming in Ada, C, C++, or PASCAL or equivalent language.
- PHY 2048C: may substitute PHY 2048 and PHY 2048L
- PHY 2049C: may substitute PHY 2049 and PHY 2049L

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.

- Operating Systems (3)
- Algorithms (3)
- Database Concepts & Admin (3)
- Discrete Mathematics (3)
CRIMINAL FORENSIC STUDIES (B.S.)
College of Professional Studies
Division of Justice Studies
Web address: http://cps.fgcu.edu/cj/index.html
Catalog Year 2008-2009

Admission Requirements
• Submission of a FGCU Undergraduate Admission Application and satisfaction of all applicable university admission requirements.
• Satisfaction of Common Prerequisites with a grade of C or better.
• Satisfaction of general education program.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   None. All community college students are encouraged to complete the Associate in Arts degree.

3. Required Courses in the Major (45 hrs)
   ANT3520 Forensic Anthropology (3)
   CCJ 3024* CJ Systems and Processes (3)
   CCJ 3603 Forensic Psychology (3)
   CCJ 3610 Theories of Criminal Behavior (3)
   CCJ 3670 Introduction to Criminalistics (3)
   CCJ 3701 Research Methods in Criminal Justice (3)
   CCJ 4487 Ethics in the Criminal Justice System (3)
   CCJ 4674 Advanced Forensic Psychology (3)
   CCJ 4934 Senior Seminar (3)
   CCJ 4940 Internship (3)
   CHS 3501C Introduction to Forensic Science (3)
   CHS 3505C Forensic Microscopy I (3)
   CJE 4612 Interview and Interrogation (3)
   CJE 4641 Advanced Criminalistics (3)
   CJL 4064 Constitutional Criminal Law (3)
   *An approved CCJ 3000-4999 level course can be substituted for CCJ 3024 if the student has completed CCJ 1020 or an equivalent course. Contact the college academic advisor for information.

4. Restricted Electives (12 hrs)
   CCJ 3501 Juvenile Delinquency (3)
   CCJ 3603 Forensic Psychology (3)
   CCJ 3653 Drugs, Alcohol and Crime (3)
   CCJ 3666 Victimology (3)
   CCJ 3670 Introduction to Criminalistics (3)
   CCJ 4035 Media and Crime (3)
   CCJ 4042 Issues in International Justice (3)
   CCJ 4454 Issues in CJ Administration (3)
   CCJ 4601 Human Behavior (3)
   CCJ 4674 Advanced Forensic Psychology (3)
   CCJ 4630 Comparative Justice (3)
   CCJ 4662 Minorities and Crime (3)
   CCJ 4663 Female Crime (3)
   CCJ 4681 Domestic Violence (3)
   CCJ 4910 Independent Research (3)
   CCJ 4933 Special Topics in CJ (3)
   CCJ 4940 Internship (1-3)
   CCJ 4957 CJ Study Tour Abroad (3)
   CJC 3410 Methods of Offender Treatment (3)
   CJ 4010 American Corrections (3)
   CJC 4015 Issues in Corrections (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Students must satisfactorily complete a minimum of 120 credit hours.
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• At least 48 of the 120 hours must be in the upper division (3000 and higher).
• At least 30 of the last 60 hours must be earned at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/

CRIMINAL JUSTICE (B.S.)
College of Professional Studies
Division of Justice Studies
Web address: http://cps.fgcu.edu/cj/index.html
Catalog Year 2008-2009

Admission Requirements
• Submission of a FGCU undergraduate admission application and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or better.
• Satisfy general education program requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   None.

3. Required Courses in the Major (24 hrs)
   CCJ 3024* CJ Systems and Processes (3)
   CCJ 3610 Theories of Criminal Behavior (3)
   CCJ 3701 Research Methods in Criminal Justice (3)
   CCJ 4487 Ethics in the Criminal Justice System (3)
   CCJ 4934 Senior Seminar in Criminal Justice (3)
   CCJ 4940 Internship (3)
   CJL 4510 Courts and Legal Issues (3)
   *An approved CCJ 3000-4999 level course can be substituted for CCJ 3024 if the student has completed
CCJ 1020 or an equivalent course. Contact the college academic advisor for information.

4. Electives in the Major (12 hrs)
Select 12 hours from the following:
- CCJ 3603 Forensic Psychology (3)
- CCJ 3653 Drugs, Alcohol and Crime (3)
- CCJ 3666 Victimology (3)
- CCJ 3670 Introduction to Criminalistics (3)
- CCJ 4035 Media and Crime (3)
- CCJ 4042 Issues in International Justice (3)
- CCJ 4061 Human Behavior (3)
- CCJ 4630 Comparative Justice (3)
- CCJ 4662 Minorities and Crime (3)
- CCJ 4663 Female Crime (3)
- CCJ 4674 Advanced Forensic Psychology (3)
- CCJ 4681 Domestic Violence (3)
- CCJ 4910 Independent Research (3)
- CCJ 4933 Special Topics in CJ (3)
- CCJ 4940 Internship (1-3)
- CCJ 4957 CJ Study Tour Abroad (3)
- CJC 3410 Methods of Offender Treatment (3)
- CJC 4010 American Corrections (3)
- CJC 4015 Issues in Corrections (3)
- CJC 4166 Alternatives to Incarceration (3)
- CJE 3365 Crisis Intervention (3)
- CJE 4014 Issues in Law Enforcement (3)
- CJE 4114 Law Enforcement (3)
- CJE 4444 Crime Prevention (3)
- CJJ 3501 Juvenile Delinquency (3)
- CJJ 4010 Juvenile Justice System (3)
- CJJ 4015 Issues in Juvenile Justice (3)
- CJJ 4064 Constitutional Criminal Law (3)
- CJJ 4074 Legal Issues in Corrections (3)
- CJJ 4114 Law and Social Control (3)
- PLA 4570 Globalization and the Rule of Law (3)

5. University Requirements (3 hrs)
- IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- At least 30 of the last 60 hours must be earned at FGCU.
- Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
- Satisfy all General Education requirements.
- Satisfy Gordon Rule requirements.
- Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   A. EDF 2005* Introduction to Education (3)
   B. EDG 2701* Teaching Diverse Populations (3)
   C. EME 2040* Educational Technology (3)
   D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.
   *Courses must be completed with a minimum grade of C or better.

3. Required Courses in the Major (66 hrs)
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

Block 1
- EDF 3201 Diversity of Human Experience (6)
- EDG 3201 Professional Studies (6)
- IDS 3920 University Colloquium (see below)

Block 2
- EDG 4371 Creative & Affective Development (3)
- MAE 4310 Math Content & Process (3)
- EEX 4201 Young Children with Special Needs (3)
  (offered only in the spring)
- RED 4310 Early Learning Literacy (3)
- TSL 4520 Second Language Acquisition, Communication & Culture (3)

Block 3
- EDE 4304 Integrated Mathematics & Science (3)
- EEC 4942 Integrated Field Experience-Early Childhood (3)
- EEX 4231 Assessing Progress of Young Children with Disabilities (3)
- TSL 4340 Methods, Curriculum & Instructional Effectiveness (3)
- LAE 4416 Children’s Literature (3)

Block 4
- EDE 4304 Integrated Mathematics & Science (3)
- EEC 4942 Integrated Field Experience-Early Childhood (3)
- EEX 4231 Assessing Progress of Young Children with Disabilities (3)
- TSL 4340 Methods, Curriculum & Instructional Effectiveness (3)

Block 5
- EEC 4936 Senior Seminar: Early Childhood (3)
- EEC 4940 Internship: Early Childhood (9)

4. University Requirements (3 hrs)
- IDS 3920 University Colloquium (3)

5. Additional Electives (variable)
Additional electives may be required to reach a minimum
of 129 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED  129 HRS

Progression Standards
- In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
- In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
- In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
- Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
- A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
- Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, one subject area examination and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
- A minimum of 48 upper division hours (courses numbered 3000 and higher).
- Complete 32 of the last 60 hours at FGCU.
- Satisfy foreign language admission requirement.
- Satisfy Service Learning requirement. [www.fgcu.edu/connect/]
- Complete all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

ELEMENTARY EDUCATION (B.A.)
College of Education
Division of Undergraduate Studies
Web Address: http://coe.fgcu.edu/elementaryeducation/undergraduate
Catalog Year 2008-2009

Admission Requirements
- An overall GPA of 2.5 on all hours attempted.
- Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
- Satisfy all General Education requirements.
- Satisfy Gordon Rule requirements.
- Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP)  (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites  (variable)
   A. EDF 2005* Introduction to Education (3)
   B. EDG 2701* Teaching Diverse Populations (3)
   C. EME 2040* Educational Technology (3)
   D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.
   *Courses must be completed with a minimum grade of C or better.

3. Required Courses in the Major  (63 hrs)
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

Block 1
   EDF 3201  Diversity of Human Experience (6)
   EDG 3201  Professional Studies (6)
   IDS 3920  University Colloquium (see below)

Block 2
   EDG 4371  Creative & Affective Development (3)
   MAE 4310  Math Content & Processes (3)
   RED 4310  Early Learning Literacy (3)
   SCE 4310  Science Methods (3)
   TSL 4520  Second Language Acquisition, Communication & Culture (3)

Block 3
   LAE 4416  Children’s Literature (3)
   RED 4350  Literacy Content & Processes (3)
   SSE 4343  Social Sciences & Humanities (3)

Block 4
   EDE 4304  Integrated Mathematics & Science (3)
   EDE 4942  Integrated Field Exp.: Elementary Ed (3)
   EDF 4470  Assessment & Action Research (3)
   TSL 4340  Methods, Curriculum & Instructional Effectiveness (3)
   Select one of the following:
      EEC 3268  Play, Development & Assessment (3)
      EEC 4300  Cognitive Exp. for Young Children (3)

Block 5
   EDE 4936  Senior Seminar: Elementary Ed (3)
   EDE 4940  Internship: Elementary Ed (9)

4. University Requirements  (3 hrs)
   IDS 3920  University Colloquium (3)

5. Additional Electives  (variable)
Additional electives may be required to reach a minimum of 126 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED  126 HRS

Progression Standards
- In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
- In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
- In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
- Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
- A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
- Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examina-
tion, the subject area examinations and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)

- A minimum of 48 upper division hours (courses numbered 3000 and higher).
- Complete 32 of the last 60 hours at FGCU.
- Satisfy foreign language admission requirement.
- Satisfy Service Learning requirement. [www.fgcu.edu/connect/]
- Complete all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

ENGLISH (B.A.)
College of Arts and Sciences
Department of Language and Literature
Web Address: www.fgcu.edu/cas/english/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. LIT 2000 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ENC 1101 Composition I (GEP)
   ENC 1102 Composition II (GEP)

3. Required Courses in the Major (9 hrs)
   ENG 3014 Intro to Literary & Cultural Studies (3)
   ENG 4930 Senior Seminar (3)
   IDS 3300 Foundations of Civic Engagement (3)

4. Electives in the Major (24 hrs)
   - Select nine hours in junior level readings courses
   - Select nine hours in senior level seminars.
   - Select six hours in pre-1800 literature
   - Select six hours in post-1800 literature
   - Select six hours in United States Literature and Culture (AML)*
   - Select six hours in British Literature and Culture (ENL)*
   - Select six hours from the following list in Literatures and Cultures (LIT)*
   *These 18 hours can overlap with the above requirements.
   AML 3213 Early American Literature and Culture (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to sat-
isfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes for Common Prerequisites
ENC 1101 may substitute 3 hours of study in English courses that meet the Gordon Rule writing requirement.
ENC 1102: may substitute 3 hours of study in English courses that meet the Gordon Rule writing requirement.

ENVIRONMENTAL ENGINEERING (B.S. ENV.E.)
Lutgert College of Business
U.A. Whitaker School of Engineering
Web Address: www.fgcu.edu/cob/eng/
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Be in good academic standing and complete the following with a grade of C or higher: English I, English II, Calculus I, Calculus II, General Chemistry I, and General Physics I.
• Attend an orientation session and declare a major.

Degree Requirements
1. FGCU General Education Program (36 hrs)
   A. Communication (6 hrs)
   1. Select ENC 1101 (3)
   2. Select ENC 1102 (3)
   B. Mathematics (6 hrs)
   1. Select MAC 2311 (4)
   2. Select STA 2037 (3)
   C. Humanities (9 hrs)
   1. Select HUM 2510 (3)
   D. Social Sciences (6 hrs)
   E. Natural Sciences (6-9 hrs)
   1. Select BSC 1010C (4)
   2. Select CHM 1046C (4)

2. Common Program Prerequisites (variable)
   ENC 1101  English I/Composition I (3)
   ENC 1102  English II/Composition II (3)
   MAC 2311  Calculus I w/Analytical Geometry (4)
   MAC 2312  Calculus II w/Analytical Geometry (4)
   MAC 2313  Calculus III w/Analytical Geometry (4)
   MAP 2302  Differential Equations (3)
   CHM 1045C  General Chemistry w/Lab I (4)
   CHM 1046C  General Chemistry w/Lab II (4)
   PHY 2048C  General Physics w/Lab I (4)
   PHY 2049C  General Physics w/Lab II (4)
   XXX XXXX  Humanities Courses (6)
   XXX XXXX  Social Science Courses (6)
   [ECO 2023 recommended]
   XXX XXXX  Humanities or Social Science Course (3)
   [HUM 2510 recommended]

3. Engineering Common Core (19 hrs)
   EGN 1006L  Intro to the Engineering Profession (1)
   EGN 1041C  Problem Solving & Design Engns (2)
   EGM 3420C  Engineering Mechanics (4)
   EGM 3331C  Mechanics of Materials (3)
   EGN 3641C  Engineering Entrepreneurship (3)
   EGN 3833C  Engineering Service Learning (2)
   EGN 4410L  Engineering Senior Design I (1)
   EGN 4411L  Engineering Senior Design II (3)

4. Required Courses in the Major (47-48 hrs)
   CCE 4031C  Project Planning & Regulations (3)
   CEG 3011C  Soil Mechanics (3)
   CGN 3323C  Surveying and Geomatics (3)
   CWR 3201C  Engineering Fluid Mechanics (3)
   CWR 3202C  Hydraulics (3)
   CWR 4101C  Hydrology (3)
   CWR 4540C  Water Resources Design (3)
   EES 3204C  Environ Chem for Engineers (3)
   EGN 2111C  Engineering Computer Graphics (2)
   ENV 3006C  Fundamentals of Environ Engrg (3)
   ENV 4101C  Atmospheric Pollution (3)
   ENV 4341C  Solid & Hazardous Waste Mgmt (3)
   ENV 4417C  Water & Wastewater Treatment (3)
   ENV 4612C  Sustainability in Engineering (3)

Select one of the following:
   GLL 1000C  Physical & Historical Geology (4)
   GLY 4074C  Meteorology & Climatology (3)
   ISC 2930  Selected Topics: Environmental Geology (3)

Select one of the following:
   EVS 4814C  Environmental Toxicology (3)
   MCB 3652C  Environmental Microbiology w/Lab (3)

5. University Requirements (3 hrs)
   IDS 3920  University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 128 HRS

Additional Graduation Requirements
• A minimum of 128 credit hours.
• At least 48 of the 128 hours at the upper division (3000 and higher) level.
• A minimum of 32 of the last 60 credit hours to be taken at FGCU, including 12 credit hours in the major.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A cumulative GPA of 2.0 on all engineering courses. (*These courses are not included in the calculation of the cumulative GPA for engineering courses.)
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher.
• CHM 1045C: may substitute CHM 1045 and CHM 1045L or CHS X440
• MAC 2311, MAC 2312, and MAC 2313: may substitute MAC X281, MAC X282, and MAC X283
• PHY 2048C: may substitute PHY 2048 and PHY 2048L
• PHY 2049C: may substitute PHY 2049 and PHY 2049L
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.
ENVIRONMENTAL STUDIES (B.A.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/envstudies
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101
      2. ENC 1102
   B. Mathematics (6 hrs)
      1. STA 2023
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1011C (4) recommended
      2. BSC 1051C (3) recommended
      3. CHM 1084C or CHM 1045C (4) recommended

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   A. BSC 1011C General Biology II w/Lab (4) (GEP)
   B. CHM 1045C General Chemistry I w/Lab (4) (GEP) or CHM 1084C Environmental Chemistry w/Lab (4) (GEP)
   C. STA 2023 Statistics (3) (GEP)
   D. BSC 1051C Environmental Biology (3) (GEP)

NOTE: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

3. Required Courses in the Major (24 hrs)
   EVR 3020 Environmental Philosophies (3)
   EVR 4326 Consrv Strat for Sustainable Future (3)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)
   ISC 3120 Scientific Process (3)
   PCB 3043C General Ecology (3)

4. Electives in the Major (24 hrs)
   Select 2 hours in any combination:
   BSC 4933* Current Topics (1)
   EVR 4920* Current Topics (1)
   ISC 4930* Current Topics (1)

   Select 6 hours to include all of the following:
   EVR 4910 Senior Project in Envir Studies (1-4)
   EVR 4911 Senior in Envir Studies (1-4)
   EVR 4940 Internship in Envir Studies (1-4)

   Select one of the following:
   AFS 3251 African Environments (3)

   Select 13 hours from the following:
   AEB 4025 American Agriculture & Society (3)
   AMH 3423 Modern Florida (3)
   AMH 4428 Southwest Florida History (3)
   ART 3840 Environmental Art (3)
   BOT 3153 Flora of Southwest Florida (3)
   BSC 3403C Environmental Quantitative Tech (3)
   BSC 4933* Current Topics (1)
   ECP 3302 Environmental Economics (3)
   EVR 3021 Environmental Literature (3)
   EVR 3025 Cultural Ecology (3)
   EVR 4028 Simulation and Modeling (3)
   EVR 4324 Integrated Ecosystems Mgmt I (3)
   EVR 4325 Integrated Ecosystems Mgmt II (3)
   EVR 4867 Risk Assessment (3)
   EVR 4872 Environmental Policy (3)
   EVR 4905 Independent Study in Environmental Studies (1-4) [may repeated]
   EVR 4920* Current Topics (1)
   EVR 4924 Environmental Education (3)
   EVR 4930* Special topics in Environmental Studies (1-4)
   EVS 4008 Environmental Technologies (3)
   EVS 4814 Environmental Toxicology (3)
   GLY 4952 Carbonate Depositional Env (3)
   HIS 3470 History of Science & Technology (3)
   ISC 3145C Global Systems (3)
   ISC 4930* Current Topics (1)
   MAN 3441 Conflict Management (3)
   OCE 3008C Oceanography (3)
   PCB 3414C Behavioral Ecology (3)
   PCB 3460C Ecosystem Monitor & Resch Meth (3)
   PCB 4303C Limnology & Wetlands (3)
   SCE 4305 Communication Skills Science Cl (2)
   SCE 4320 Teaching Methods Middle Sch Sci (3)
   SCE 4330 Teaching Methods Sec Sch Sci (3)
   SOP 4714C Environmental Psychology (3)
   SYD 4020 Global Population (3)
   ZOO 4454C Ichthyology (3)

   *The course prefix/number can be repeated as long as the topic is different.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
• BSC 1011C: may substitute BSC 1011 and BSC 1011L or one semester of introductory science to include biology
• CHM 1045C or CHM 1084C: may substitute CHM 1045 and 1045L or one semester of introductory science to include chemistry
• BSC 1051C: may substitute EVR x00x, BSC x030, and BSC x050 or one semester of introductory environmental studies, environmental science or ecology.

FINANCE (B.S.)
Lutgert College of Business
Department of Accounting and Finance
Web Address: www.fgcu.edu/cob/
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing.
• Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select STA 2023
      2. Select MAC 2233
   C. Humanities (9 hrs)
      1. Select HUM 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)
2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CGS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)
3. Business Common Core (27 hrs)
   BUL 3130 Legal & Ethical Environment of Bus (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)
4. Required Courses in the Major (21 hrs)
   ECO 3101 Intermediate Price Theory (3)
   FIN 3244 Money & Capital Markets (3)
   FIN 3414 Financial Management (3)
   FIN 3504 Principles of Investments (3)
   FIN 4443 Financial Policy/Sr Seminar (3)
   FIN 4514 Security Analysis (3)
   Select one of the following:
   ECO 3410 Econometrics I (3)
   QMB 3200 Economic & Business Statistics II (3)
5. Restricted Electives (6 hrs)
   Select 6 hours of approved upper division (3-4000 level) electives in Economics, Finance, Real Estate, or Taxation. See college advisor for a list of approved courses.
6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)
7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
• Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives.
• Complete the last 30 credit hours of business courses at FGCU.
• Complete a minimum of 12 credit hours of courses in the major at FGCU.
• Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/.
• Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
• ACG 2021: may substitute (ACG 1001 and ACG 2011) or (ACG X022)
• CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
• MAC 2233: may substitute MAC X230
• STA 2023: may substitute QMB X100 or STA X122
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

HEALTH SCIENCE (B.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2008-2009

Coursework for this program is offered by distance learning.

Admission Requirements
• Submit a FGCU Undergraduate Application for Admission and satisfy all applicable university admission requirements.
• Submit a completed College of Health Professions
supplemental application, including an essay/statement of goals and a portfolio. Instructions are included in the application packet.

- Provide verification of a minimum cumulative grade point average (GPA) of 2.50 or a minimum GPA of 2.75 for the most recent 30 (+/-) college credit hours.
- Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.

**Degree Requirements**

1. **FGCU General Education Program (GEP)** (36 hrs)
   - A. Communication (6 hrs)
   - B. Mathematics (6 hrs)
   - C. Humanities (9 hrs)
   - D. Social Sciences (6-9 hrs)
   - E. Natural Sciences (6-9 hrs)

2. **Common Prerequisites**
   An associate’s degree in a health profession practitioner content area and possession of, or eligibility for licensure, certification, or registration in a health profession is required in order to participate in the health professions education practicum component of the Health Science Concentration.

3. **Interdisciplinary College Core** (12 hrs)
   - IHS 3101 Shaping Health Care in the 21st Century (3)
   - IHS 3203 Management and Leadership in Health Care Organizations (3)
   - IHS 4504 Research Methods in Health Care (3)
   - IHS 4938 Senior Seminar (3)

4. **Required Courses in the Major** (18 hrs)
   - HSA 3110 Principles of Health Services Administration (3)
   - HSA 3111 US Health Care Systems (3)
   - HSA 4191 Health Care Information Systems (3)
   - HSA 4340 Human Resource Management in Health Services Organizations (3)
   - HSC 4500 Epidemiology (3)
   - IHS 3112 Legal & Ethical Principles of Health Care (3)

5. **Concentration Requirements** (27 hrs)
   - A. Health Science Concentration
     - Required courses:
       - HSA 4231 Client Education in Health Care (3)
       - HSC 3720 Health Perspectives and Assessment in Health Professions Practice (3)
       - HSC 4250 Task Analysis & Curriculum Development in the Health Professions (3)
     - Electives in the Concentration—select 15 hours from the list below (#6).
   - B. Health Services Administration Concentration
     - Required courses:
       - HSA 3150 Health Care Policy in the US (3)
       - HSA 4109 Principles of Managed Care (3)
       - HSA 4170 Models of Financial Management in Health Care (3)
       - HSA 4502 Risk Management in Health Services (3)
       - HSA 4817 Practicum in Health Services Administration (3)
     - Electives in the Concentration—select 12 hours from the list below (#6).

1 HSA 4817 can be waived for an upper division elective with at least 3 years of documented health services administration employment with supervisory responsibilities.

6. **Electives in the Concentration**
   Required hours vary by concentration (see above):
   - GEY 3001 Introduction to Gerontology (3)
   - GEY 3002 Family Issues and Aging (3)
   - GEY 3045 Nutrition for Older Adults (3)
   - GEY 3302 Communicating with Older Adults (3)
   - GEY 3320 Programs for Older Adults (3)
   - GEY 3601 Aging and Human Performance (3)
   - GEY 4643 Later Life Transitions (3)
   - GEY 4644 Psychosocial Aspects of Aging (3)
   - GEY 4903 Directed Study in Gerontology (1-6)
   - GEY 4930* Topics in Gerontology (1-6)
   - GEY 4941 Practicum in Gerontology (3)
   - GEY 4943 Intergenerational Interactions (3)
   - HSA 3124 Comparative Health Service Delivery Systems (3)
   - HSA 3412 Transcultural Health Care (3)
   - HSA 4140 Program Planning and Evaluation (3)
   - HSA 4222 Long Term Care Administration (3)
   - HSA 4901 Directed Study in Health Services Administration (1-6)
   - HSA 4931* Topics in Health Services Admin (1-6)
   - HSA 4817 Practicum in Health Services Administration (3) (may be repeated with permission of advisor)
   - HSC 4265 Continuing Education for the Health Professions (3)
   - HSC 4510 Statistical Methods for Health Care (3)
   - HSC 4818 Practicum in Health Professions Education (3)
   - HSC 4905 Directed Study in Health Professions Education (1-6)
   - HSC 4932* Topics in Health Professions Education (1-6)
   - LEI 4940 Recreational Therapy Clinical (1-3)
   * May be repeated under various topics.

7. **University Requirements** (3 hrs)
   - IDS 3920 University Colloquium (3)

8. **Additional Electives** (variable)
   Additional electives may be required to each a minimum of 120 credit hours for the baccalaureate degree.

**TOTAL SEMESTER HOURS REQUIRED** 120 HRS

**Progression Standards**
- Maintain a cumulative GPA of 2.0 on a 4.0 scale.
- Earn a grade of C or better in each course. A grade of C minus (C-) is considered less than a C.
- Refer to the Health Science Student Guidebook for further information on progression standards. Guidebook available at: www.fgcu.edu/chp/hs/currentstu.html

**Additional Graduation Requirements**
- Apply for graduation by deadline indicated in the university calendar.
- Students must satisfactorily complete a minimum of 120 credit hours.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- A minimum grade of C is required for all IHS interdisciplinary core, Health Science major, and concentration courses. A grade of C minus (C-) is considered less than a C.
• Complete all program requirements.
• At least 25% of coursework required for the degree and 30 of the last 60 hours must be earned at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/

HISTORY (B.A.)
College of Arts and Sciences
Department of Social and Behavioral Sciences
Web Address: www.fgcu.edu/cas/History/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
      1. AMH 2010 or AMH 2020 recommended
      2. WOH 1023 or WOH 1030 recommended
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   6 hours in History introductory courses with AMH, ASH, EUH, LAH, HIS or WOH prefixes (GEP).

3. Required Courses in the Major (12 hrs)
   HIS 3064 Introduction to Historical Studies (3)
   HIS 4104 Philosophy of History (3)
   HIS 4936 Pro-Seminar in History (3)
   IDS 3300 Foundations of Civic Engagement (3)

4. Electives in the Major (30 hrs)
   Select one of the following:
   AMH 3571* African-American History to 1865 (3)
   AMH 3572* African-American History since 1865 (3)
   Select 3 hours from the following:
   Courses at the 3000/4000 level with prefix of AML, ARH, ENL, LIT, MUH, PHH, PHP, REL, or SPT.
   Select 24 hours from the following:
   AFH 3100 African History to 1850 (3)
   AFH 3200 African History since 1850 (3)
   AFH 3454 The Africans (3)
   AMH 3110 American Colonial History to 1750 (3)
   AMH 3130 American Revolution/Constitution (3)
   AMH 3141 United States History 1800-1860 (3)
   AMH 3172 The Civil War (3)
   AMH 3201 The United States, 1877-1929 (3)
   AMH 3252 The United States since 1929 (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.
Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better

For AMH 2010 and W0H 1023 substitute any 6 hours in History introductory courses with AMH, ASH, EUH, LAH, HIS, or W0H prefixes

HUMAN PERFORMANCE (B.S.)
College of Health Professions
Department of Physical Therapy & Human Performance
Web Address: http://www.fgcu.edu/chp/
Calendar Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy applicable university admission requirements.
• Submit a supplemental application for the Human Performance major. For priority consideration, all application materials must be received by February 1 of the year in which entry is sought.
• At time of application to the major, the following courses must be completed:
  A. BSC 1085C or approved substitute
  B. BSC 1086C or approved substitute
  C. CHM 1045C or approved substitute
  D. Two additional courses from the list of common prerequisites or approved substitutes (D-G) below.
• All prerequisite courses must be completed by end of the spring semester in which the application is received.
• Earn a grade of C or better (a grade of C- or less is not acceptable) in each prerequisite course.
• Earn a minimum combined GPA of 3.00 (on a 4.0 scale) for all prerequisites courses.
• Earn a minimum GPA of 3.00 (on a 4.0 scale) for the most recent 30 college credit hours.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
      1. STA 2023 recommended
      2. MAC 1105 recommended
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
      1. PSY 2012 recommended
   E. Natural Sciences (6-9 hrs)
      1. BSC 1085C recommended
      2. BSC 1086C recommended
      3. CHM 1045C recommended

2. Common Prerequisites
   A. BSC 1085C (4) or one course from A1 and one course from A2 below:
      A1. Human Anatomy and Physiology I (3) or Human Anatomy (3)
      A2. Human Anatomy and Physiology I Lab (1) or Human Anatomy Lab (1)
   B. BSC 1086C (4) or one course from B1 and one course from B2 below:
      B1. Human Anatomy and Physiology II (3) or Human Physiology (3)
      B2. Human Anatomy and Physiology II Lab (1) or Human Physiology Lab (1)
   C. CHM 1045C (4) or 4 hours of Survey of Chemistry or higher w/Lab
   D. MAC 1105 (3) or 3 hours of College Algebra or higher
   E. STA 2023 (3) or 3 hours of Statistics or Pre-Calculus
   F. PSY 2012 (3) or 3 hours of General Psychology
   G. HSC 2577 (3) or 3 hours of General Nutrition

Students are strongly encouraged to complete BSC 1010C General Biology w/Lab, MAC 1147 Pre-calculus, and PHY 2053C College Physics w/Lab prior to being admitted into the major.

3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management and Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (45 hrs)
   APK 4125C Fitness Assessment & Exercise Prescription (3)
   APK 3312 Pharmacology and Ergogenic Aids (2)
   APK 4110L Applied Exercise Physiology (3)
   APK 4122L Environmental Exercise Physiology (3)
   APK 4113C Advanced Methods of Strength & Conditioning (3)
   APK 4120C Clinical Exercise Physiology (3)
   APK 3004C Foundations of Health Related Physical Fitness (3)
   APK 4285 Lifespan Development (2)
   APK 4112 Sport and Exercise Psychology (3)
   APK 4930 Preparation for Entering & Growing in Profession II (1)
   APK 4941L Experiential Learning I (4)
   PET 4948L Experiential Learning II (2)
   PHT 3176C Movement Science I (8)
   PHT 3177C Movement Science II (5)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
   Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Students must satisfactorily complete a minimum of 120 credit hours.
• At least 48 of the 120 hours must be in the upper division (3000 and higher).
• At least 30 of the last 60 hours must be earned at FGCU.
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• A minimum grade of C is required for all IHS interdisciplinary core and Human Performance major courses.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/
• Perform at Entry Level in all Behavioral Criteria of the Professional Behaviors Plan.
• Apply for graduation per university guidelines and timeline.
• Meet all FGCU requirements for graduation.
• Complete three applied learning experiences (events) within each semester enrolled in the Human Performance program.
• Adhere to requirements as stated in the Human Performance Student Guidebook.
Progression Requirements
• Students must follow a Program of Study approved by the student’s faculty advisor.
• Students must receive a grade of “C” (“S” if applicable) or better on all courses within the program curriculum. A student must perform at the appropriate level of generic abilities and behavioral criteria as outlined in the Professional Behaviors Plan.

LEGAL STUDIES (B.S.)
College of Professional Studies
Division of Justice Studies
Web address: http://cps.fgcu.edu/cj/js/index.html
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or better.
• Satisfy general education program requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   None.

3. Required Courses in the Major (39 hrs*)
   CCJ 1020 Introduction to Criminal Justice (3)*
   CCJ 1100 Introduction to Law Enforcement (3)*
   CCJ 4215 Constitutional Criminal Law (3)
   CCJ 4292 Courts and Legal Issues (3)*
   PLA 1003 Introduction to Law (3)*
   PLA 3203 Courtroom Techniques (3)
   PLA 3700 Ethics for Legal Assistants (3)
   PLA 3763 Law Office Management (3)
   PLA 3803 Family Law Issues (3)
   PLA 4116 Research & Document Drafting (3)
   PLA 4603 Florida Trusts, Estates & Probate (3)
   PLA 4612 Commercial & Residential Real Estate Transactions (3)
   PLA 4850 American Jurisprudence Seminar (3)

   *These courses are waived for students with an AS in legal studies or paralegal assisting from a Florida public community college. This waiver reduces the total required hours in this category to 27.

4. Restricted Electives (18 hrs)
   A. Select 15 hours from the following:
   PLA 3240 Alternative Dispute Resolution (3)
   PLA 3273 Negligence & Tort Litigation (3)
   PLA 3433 Business Organizations (3)
   PLA 3572 Travel Law (3)
   PLA 3632 Condominium & Association Law (3)
   PLA 3634 Land Use and Ownership (3)
   PLA 3733 Legal Technology (3)
   PLA 4530 Elder Law (3)
   PLA 4614 Real Estate Litigation (3)
   PLA 4565 Certified Legal Assistant Review (3)
   PLA 4570 Globalization and the Rule of Law (3)
   PLA 4608 Probate Litigation (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

LONG TERM CARE ADMINISTRATION (B.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2008-2009

Admission to this program has been suspended.

1. FGCU General Education (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   Select ECO 2023
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3 hrs)
   ACG 2071 Core Concepts of Accounting II (3 hrs)
3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management & Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (45 hrs)
   GEY 3001 Introduction to Gerontology (3)
   GEY 3601 Aging & Human Performance (3)
   GEY 4643 Later Life Transitions (3)
   HSA 3110 Principles of Health Services Administration (3)
   HSA 3150 Health Care Policy in the US (3)
   HSA 4170 Models of Financial Management in Health Care (3)
   HSA 4191 Health Care Information Systems (3)
   HSA 4222 Long Term Care Administration (3)
   HSA 4223 Advanced Long Term Care Administration (3)
   HSA 4251 Food Service Management (3)
   HSA 4340 Human Resource Management in Health Care Organizations (3)
   HSA 4502 Risk Management in Health Services (3)
   HSA 4811 Practicum I in Long Term Care Administration (3)
   HSA 4812 Practicum II in Long Term Care Administration (3)
   IHS 3112 Legal & Ethical Principles of Health Care (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (15 hrs)
   Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
   • Earn a minimum of 120 semester hours with a cumulative 2.0 GPA on all course work attempted at FGCU.
   • Within the 120 total credit hours, a minimum of 48 credit hours at the upper division (courses numbered 3000 and higher).
   • Earn a grade of C or above in all courses identified in Sections 3, 4, and 5 above. A grade of C does not satisfy the requirement of a minimum grade of C.
   • At least 25% of the course work required for the degree and 30 of the last 60 hours must be earned at FGCU.
   • Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
   • Satisfy service-learning requirement. See www.fgcu.edu/connec/transfer notes

Students who transfer from a Florida public community college or university may substitute another computer course (CGSXXXX) for CGS 1100.
Select one of the following:
MAR 3400 Professional Selling (3)
MAR 3503 Consumer Behavior (3)
Additional 3 hours of approved upper division (3-4000 level) business electives. See college advisor for a list of approved courses.

C. Human Resource Management Concentration
Select 15 hours from the following:
MAN 3320 Employee Staffing (3)
MAN 3322 Human Resource Info Systems (3)
MAN 3350 Training & Development (3)
MAN 4401 Management of Compensation (3)
MAN 4625 Global Human Resource Management (3)
Other approved upper division (3-4000 level) business electives, not to exceed 6 hours. See college advisor for a list of approved courses.

D. Sports Management Concentration
SPM 3004 Principles of Sports Management (3)
SPM 4104 Sports Facility & Event Mgt (3)
SPM 4304 Sports Promotions (3)
MAN 4941 Management Internship (3)
Additional 3 hours of approved upper division (3-4000 level) business electives. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
• Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives/Concentration.
• Complete the last 30 credit hours of business courses at FGCU.
• Complete a minimum of 12 credit hours of courses in the major at FGCU.
• Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/
• Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
• ACG 2021: may substitute (ACG 1001 and ACG 2011) or (ACG X022)
• CSS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
• MAC 2233: may substitute MAC X230
• STA 2023: may substitute QMB X100 or STA X122
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.

MARINE SCIENCE (B.A.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/marinescience/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
A. Communication (6 hrs)
   1. ENC 1101 (3)
   2. ENC 1102 (3)
B. Mathematics (6 hrs)
   1. STA 2023 (3)
   2. MAC 2311 (4) or STA 2122 (3) recommended
C. Humanities (9 hrs)
   1. HUM 2510
D. Social Sciences (6-9 hrs)
E. Natural Sciences (6-9 hrs)
   1. BSC 1011C (4)
   2. CHM 1045C (4)
   3. CHM 1046C (4)

2. Common Prerequisites (variable)
A. BSC 1011C General Biology w/Lab II (4) (GEP)
B. CHM 1045C General Chemistry I w/Lab (GEP)
C. CHM 1046C General Chemistry II w/Lab (4) (GEP)
D. GLY 1000C Physical & Historical Geology (4)
E. PHY 2053C College Physics I w/Lab (4)
F. STA 2023 Statistical Methods (GEP)
G. BSC 1010C General Biology w/Lab I (GEP) or PHY 2054C College Physics II w/ Lab (4) (GEP)
H. MAC 2311 Calculus I (GEP) or STA 2122 Social Science Statistics (3) (GEP) or an advanced mathematics course

NOTE: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

3. Required Courses in the Major (18 hrs)
IDS 3300 Foundations of Civic Engagement (3)
IDS 3301 Issues in Culture and Society (3)
IDS 3303 Issues in Science and Technology (3)
IDS 4910 Integrated Core Senior Seminar (3)
ISC 3120 Scientific Process (3)
OCE 3008C Oceanography (3)

4. Electives in the Major (30 hrs)
Select one of the following:
a. ISC 4910 Senior Project Research (2) and ISC 4911 Senior Project Presentation (2)
b. ISC 4940 Internship in Interdisciplinary Natural Sciences (4)
Select 9 hours from the following:
GLY 4700C Coastal & Watershed Geology (3)
OCP 4633C Marine Ecology (3)
OCC 4002C Marine Chemistry (3)
OCE 3002C Physical Oceanography (3)
Select 2 hours in any combination from the following:
BSC 4933* Current Topics (1)
EVR 4920* Current Topics (1)
ISC 4930* Current Topics (1)

*This course/prefix number can be repeated as long as the topic is different.

Select 12 hours from the following:
BCH 3025C Analytical Biochemistry (3)
EVS 4814 Environmental Toxicology (3)
GLY 3603C Geobiology (3)
GLY 4074C Meteorology & Climatology (3)
GLY 4574C Coastal & Estuarine Sediment Dynamics (3)
ISC 3145C Global Systems (3)
PCB 3043C General Ecology (3)
PCB 3414C Behavioral Ecology (3)
PCB 3460C Ecosystem Monitoring and Research Methods (3)
PCB 4303C Limnology/Wetlands (3)
ZOO 4454C Ichthyology (3)

Select 3 hours from the following:
BCH/BSC/EVR/EVS/GLY/MAP/PCB/PHY/ZOO 3-4000 — Upper division elective from any science/math major (3)

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.
• BSC 1010C may substitute BSC 1010 and BSC 1010L
• BSC 1011C may substitute BSC 1011 and BSC 1011L
• CHM 1045C may substitute CHM 1045 and CHM 1045L
• CHM 1046C may substitute CHM 1046 and CHM 1046L
• GLY 1010C may substitute for GLY 1000C
• PHY 2053C may substitute PHY 2053 and PHY 2053L
• PHY 2054C may substitute PHY 2054 and PHY 2054L

MARKETING (B.S.)
Lutgert College of Business
Department of Marketing and Economics
Web Address: www.fgcu.edu/cob/
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Satisfy all Common Prerequisites with a grade of C or higher, and be in good academic standing.
• Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select STA 2023
      2. Select MAC 2233
   C. Humanities (9 hrs)
      1. Select HUM 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CBS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)

3. Business Common Core (27 hrs)
   BUL 3130 Legal & Ethical Environment of Bus (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAN 3504 Operations Management (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)

4. Required Courses in the Major (9 hrs)
   MAR 3503 Consumer Behavior (3)
   MAR 3613 Marketing Research (3)
   MAR 4804 Marketing Strategy (3)

5. Restricted Electives (18 hrs)
   Select 18 hours of approved upper division (3-4000 level) business electives, with at least 12 hours in marketing (MAR) or advertising (ADV) courses. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Complete a minimum of 120 credit hours, with at least 48 credit hours at the upper division (3-4000 level).
• Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives.
• Complete the last 30 credit hours of business courses at FGCU.
• Complete a minimum of 12 credit hours of courses in the major at FGCU.
• Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/.
• Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher.
• ACG 2021: may substitute (ACG 1001 and ACG 2011) or (ACG X022)
• CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
• MAC 2233: may substitute MAC X230
• STA 2043: may substitute QMB X100 or STA X122
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

MATHEMATICS (B.A.)
College of Arts and Sciences
Department of Physical Sciences and Math
Web Address: www.fgcu.edu/cas/math/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101
      2. ENC 1102
   B. Mathematics (6 hrs)
      1. STA 2037 or STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. PHY 2048C (4) recommended
      2. PHY 2049C (4) recommended

NOTE: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   COP 1500 Intro to Computer Science (3)
   MAC 2311 Calculus I (4) (GEP)
   MAC 2312 Calculus II (4)
   MAC 2313 Calculus III (4)
   PHY 2048C General Physics with Lab I (4) (GEP)
   PHY 2049C General Physics with Lab II (4) (GEP)

3. Required Courses in the Major (40 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)
   MAA 4226 Analysis I (3)
   MAP 2302 Differential Equations (3)
   MAP 3161 Math for Science and Engineering (4)
   MAP 3162 Probability and Statistics (4)
   MAP 3163 Operations Research I (3)
   MAS 3105 Linear Algebra (3)
   MAS 4301 Abstract Algebra I (3)
   MAT 4937 Senior Seminar (2)
   MHF 2191 Mathematical Foundations (3)

4. Electives in the Major (9 hrs)
   Select 3 hrs of the following (depth requirement):*
   MAA 4227 Analysis II (3)
   MAP 4231 Operations Research II (3)
   MAP 4314 Dynamical Systems (3)
   MAS 4106 Matrix Analysis (3)
   MAS 4302 Abstract Algebra II (3)
   STA 4234 Introduction to Regression Analysis (3)
   Select 6 hrs from the following prefixes numbered 3000 or above: MAA, MAD, MAP, MAS, MAT, MHF, or STA *

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/.
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.
• COP 1500: may substitute any (COP) Computer Language (3) Pascal, FORTRAN, C, C++, or C++
MATHEMATICS (B.S.)
College of Arts and Sciences
Division of Chemistry and Math
Web Address: http://www.fgcu.edu/cas/math/
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   1. ENC 1101 (3)
   2. ENC 1102 (3)
   B. Mathematics (6 hrs)
   1. STA 2023 (3)
   C. Humanities (9 hrs)
   1. HUM 2510 (3)
   2. MUL 2110 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   COP 1500 Intro to Computer Science (3)
   MAC 2311 Calculus I (4) (GEP)
   MAC 2312 Calculus II (4)
   MAC 2313 Calculus III (4)
   PHY 2048C General Physics with Lab I (4) (GEP)
   PHY 2049C General Physics with Lab II (4) (GEP)

3. Required Courses in the Major (39 hrs)
   MHF 2191 Mathematical Foundations (3)
   MAP 2302 Differential Equations (3)
   MAS 4730 Computational Technology (2)
   MAS 3105 Linear Algebra (3)
   MAP 3161 Math for Science & Engineering (4)
   MAP 3162 Probability & Statistics (4)
   MAP 3163 Operations Research (3)
   MAA 4226 Analysis I (3)
   MAA 4227 Analysis II (3)
   MAS 4301 Abstract Algebra I (3)
   MAS 4302 Abstract Algebra II (3)
   MHF 4400 Mathematics & Society (3)
   MAT 4937 Senior Seminar (2)

4. Electives in the Major (6 hrs)
   Select 6 hrs from the following prefixes numbered 3000 or above: MAA, MAD, MAP, MAS, MAT, MHF, MTG, or STA

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• At least 48 of the 120 hours at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.

MUSIC EDUCATION* (B.A.)
College of Arts and Sciences
Bower School of Music
Web Address: www.fgcu.edu/cas/bsm
Phone: 239-590-7196
Catalog year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• *Limited Access: Submit a Bower School of Music Supplemental Application by June 1 for fall admission and November 1 for spring admission.
• Audition in the student’s primary instrument or voice, sight read, and take the music theory placement test.
• Complete common prerequisites with a grade of C or better: MUT 1111, Music Theory I, MUT 1241, Sight Singing and Ear Training I; MVK 1011, Class Piano I or equivalent (piano placement in Class Piano II or piano proficiency); one semester of Freshman Applied Music (MVx) and one semester of the appropriate ensemble MUN xxxx.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   1. ENC 1101 (3)
   2. ENC 1102 (3)
   B. Mathematics (6 hrs)
   1. STA 2023 (3)
   C. Humanities (9 hrs)
   1. HUM 2510 (3)
   2. MUL 2110 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   MUN xxxx Ensemble (1 cr x 4 sem) (4)
   MUT 1111 Music Theory I (3)
   MUT 1112 Music Theory II (3)
   MUT 2116 Music Theory III (3)
   MUT 2117 Music Theory IV (3)
   MUT 1241 Sight Singing and Ear Training I (1)
   MUT 1242 Sight Singing and Ear Training II (1)
   MUT 2246 Sight Singing and Ear Training III (1)
   MUT 2247 Sight Singing and Ear Training IV (1)

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.
• COP 1500: may substitute any (COP) Computer Language (3) Pascal, FORTRAN, C, C++, or C++
• PHY 2048C and PHY 2049C sequence: may substitute PHY 2048 and PHY 2048L and PHY 2049 and PHY 2049L; CHM 1045C and CHM 1046C; BSC 1010C and BSC 1011C; or two semesters (8 hrs) of laboratory-based science courses for science majors with BSC, CHM, or PHY prefixes.
Additional Graduation requirements

5. university requirements (3 hrs)

4. Concentration requirements (10-11 hrs)

3. required Courses in the major (42 hrs)

Total Semester Hours Required 120 Hrs

Additional Graduation Requirements

• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computer, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Completion of the summer course enrollment requirement.
• Pass the Piano Proficiency Exam (a common prerequisite which is on a Pass/Fail basis)
• Present a junior or senior recital in the applied emphasis, with a passing grade by a faculty committee.
• Of the last 60 hours, a minimum of 32 hours must be at FGCU, including 12 credit hours in the major.

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better

• MUT x111: may substitute MUT x121, x122, x126, and x127
• MUT x112: may substitute MUT x121, x122, x126, and x127
• MUT x116: may substitute MUT x121, x122, x126, and x127
• MUT x117: may substitute MUT x121, x122, x126, and x127
• MUT x241: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• MUT x242: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272 x276, and x277
• MUT x246: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• MUT x247: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• Secondary Piano-Proficiency by Examination: may substitute MVK x111, x112, x121, & x122, OR x111r, x111r, x121r, x121r, x122r, and x221

MUSIC-PERFORMANCE* (B.A.)
College of Arts and Sciences
Bower School of Music
Web Address: www.fgcu.edu/cas/bsm
Phone: 239-590-7196
Catalog year 2008-2009

Admission Requirements

• Submit FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• "Limited Access: Submit a Bower School of Music Supplemental Application by June 1 for fall admission and November 1 for spring admission.
• Audition in the student's primary instrument or voice, sight read, and take the music theory placement test.
• Complete common prerequisites with a grade of C or better: MUT 1111, Music Theory I, MUT 1241, Sight Singing and Ear Training I; MVK 1011, Class Piano I or equivalent (piano placement in Class Piano II or piano proficiency); one semester of Freshman Applied Music (MVx) and one semester of the appropriate ensemble MUN xxx.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)

A. Communication (6 hrs)
   1. ENC 1101 (3)
   2. ENC 1102 (3)
B. Mathematics (6 hrs)
   1. STA 2023 (3)
C. Humanities (9 hrs)
   1. HUM 2510 (3)
   2. MUL 2110 (3) recommended
D. Social Sciences (6-9 hrs)
E. Natural Sciences (6-9 hrs)
2. Common Prerequisites (variable)
MUN xxxx Ensemble (1 cr x 4 sem) (4)
MUT 1111 Music Theory I (3)
MUT 1112 Music Theory II (3)
MUT 2116 Music Theory III (3)
MUT 2117 Music Theory IV (3)
MUT 1241 Sight Singing and Ear Training I (1)
MUT 1242 Sight Singing and Ear Training II (1)
MUT 2246 Sight Singing and Ear Training III (1)
MUT 2247 Sight Singing and Ear Training IV (1)
MVx xx1x Applied Music (2-4)
MVx xx2x Applied Music (2-4)
Secondary Piano-Proficiency by Examination

3. Required Courses in the Major (36 hrs)
IDS 3300 Foundations of Civic Engagement (3)
MUG 3104 Conducting (2)
MUH 3211 History of Western Music I (3)
MUH 3212 History of Western Music II (3)
MUN 3xx Ensemble (1 cr x 3 sem) (3)
MUS 1010 Recital Attendance, Six Semesters (0)
MUS 1360 Introduction to Music Technology (1)
MUS 3953 Junior Recital (1)
MUS 4920 Senior Seminar in Music (2)
MUS 4954 Senior Recital (1)
MUT 3311 Orchestration and Arranging (3)
MUT 3611 Form and Analysis (2)
MVx 3xxx Junior Applied Music (3 cr x 2 sem) (6)
MVx 4xxx Senior Applied Music (3 cr x 2 sem) (6)

4. Concentration Requirements (11-12 hrs)
Complete requirements for one concentration
A. Voice Concentration
MUE 3433 Vocal Pedagogy (2)
MUL 4xxx Vocal Literature (2)
MUE 4xxx Choral Lit. & Conducting Tech. (2)
Additional 5 credits of 3000 or higher with the prefix of MUX

B. Piano Concentration
MUE 3303 Piano Pedagogy I (3)
MUE 3404 Piano Pedagogy II (3)
MUL 4xxx Piano Literature I (3)
MUL 4xxx Piano Literature (3)

C. Instrumental Concentration
MUG 3204 Instrumental Lit. & Cond. Tech. (2)
Additional 5 credits of 3000 or higher with the prefix of MUX
Plus two of the following courses:
MUE 3343 String Instr. Meth. & Matl. (2)
MUE 3451 Woodwind Instr. Meth. & Matl. (2)
MUE 3465 Brass Instr. Meth. & Matl. (2)
MUE 3475 Percussion Inst. Meth. & Matl. (2)

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Completion of the summer course enrollment requirement.
- Pass the Piano Proficiency Exam (a common prerequisite which is on a Pass/Fail basis)
- Present a junior or senior recital in the applied emphasis, with a passing grade by a faculty committee.
- Of the last 60 hours, a minimum of 32 hours must be at FGCU, including 12 credit hours in the major.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
- MUT x111: may substitute MUT x121, x122, x126, and x127
- MUT x112: may substitute MUT x121, x122, x126, and x127
- MUT x116: may substitute MUT x121, x122, x126, and x127
- MUT x117: may substitute MUT x121, x122, x126, and x127
- MUT x241: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
- MUT x242: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
- MUT x246: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
- MUT x247: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
- Secondary Piano-Proficiency by Examination: may substitute MVK x111, x112, x121, & x122, OR x111r, x111r, x121r, x121r, x122, and x221

MUSIC-PIANO PEDAGOGY* (B.A.)
College of Arts and Sciences
Bower School of Music
Web Address: www.fgcu.edu/cas/bsm
Phone: 239-590-7196
Catalog year 2008-2009

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- "Limited Access: Submit a Bower School of Music Supplemental Application by June 1 for fall admission and November 1 for spring admission.
- Audition in the student's primary instrument or voice, sight read, and take the music theory placement test.
- Complete common prerequisites with a grade of C or better: MUT 1111, Music Theory I, MUT 1241, Sight Singing and Ear Training I; MVK 1011, Class Piano I or equivalent (piano placement in Class Piano II or piano proficiency); one semester of Freshman Applied Music (MVx) and one semester of the appropriate ensemble MUN xxxx.
- Attend an orientation session.
- Sign an Advising Contract.
**Degree Requirements**

1. **FGCU General Education Program (GEP)** (36 hrs)
   - A. Communication (6 hrs)
     1. ENC 1101 (3)
     2. ENC 1102 (3)
   - B. Mathematics (6 hrs)
     1. STA 2023 (3)
   - C. Humanities (9 hrs)
     1. HUM 2510 (3)
     2. MUL 2110 (3) recommended
   - D. Social Sciences (6-9 hrs)
   - E. Natural Sciences (6-9 hrs)

2. **Common Prerequisites** (variable)
   - MUN xxxx: Ensemble (1 cr x 4 sem) (4)
   - MUT 1111: Music Theory I (3)
   - MUT 1112: Music Theory II (3)
   - MUT 2116: Music Theory III (3)
   - MUT 2117: Music Theory IV (3)
   - MUT 1241: Sight Singing and Ear Training I (1)
   - MUT 1242: Sight Singing and Ear Training II (1)
   - MUT 2246: Sight Singing and Ear Training III (1)
   - MUT 2247: Sight Singing and Ear Training IV (1)
   - MVK xx1x: Applied Music (2-4)
   - MVK xx2x: Applied Music (2-4)

3. **Required Courses in the Major** (47 hrs)
   - IDS 3300: Foundations of Civic Engagement (3)
   - MUE 3303: Piano Pedagogy I (3)
   - MUE 3304: Piano Pedagogy II (3)
   - MUE 3xxx: Observation of Teaching (2)
   - MUG 3104: Conducting (2)
   - MUH 3211: History of Western Music I (3)
   - MUH 3212: History of Western Music II (3)
   - MUL 4xxx: Piano Literature I (3)
   - MUL 4xxx: Piano Literature II (3)
   - MUN 3xxx: Ensemble (1 semester hour for three semesters) (3)
   - MUS 1010: Recital Attendance, Six Semesters (0)
   - MUS 1360: Introduction to Music Technology (1)
   - MUS 4920: Senior Seminar in Music (2)
   - MUT 3311: Orchestration and Arranging (3)
   - MUT 3611: Form and Analysis (2)
   - MVK 3231: Junior Applied Music (2 cr x 2 sem) (4)
   - MVK 3702: Piano Accomp. & Collab. (2)
   - MVK 4241: Senior Applied Music (2)

4. **University Requirements** (3 hrs)
   - IDS 3920: University Colloquium (3)

5. **Additional Electives** (variable)

**TOTAL SEMESTER HOURS REQUIRED** 120 HRS

**Additional Graduation Requirements**
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Completion of the summer course enrollment requirement.
- Pass the Piano Proficiency Exam (a common prerequisite which is on a Pass/Fail basis).
- Present a junior or senior recital in the applied emphasis, with a passing grade by a faculty committee.
- Of the last 60 hours, a minimum of 32 hours must be at FGCU, including 12 credit hours in the major.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

**Transfer Notes and Acceptable Substitutes**

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
- MUT x111: may substitute MUT x121, x122, x126, and x127
- MUT x112: may substitute MUT x121, x122, x126, and x127
- MUT x116: may substitute MUT x121, x122, x126, and x127
- MUT x117: may substitute MUT x121, x122, x126, and x127
- MUT x241: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x287, OR x271, x272, x276, and x277
- MUT x242: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272 x276, and x277
- MUT x246: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272 x276, and x277
- MUT x247: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
- Secondary Piano-Proficiency by Examination: may substitute MVK x111, x112, x121, & x122, OR x111r, x111r, x121r, x121r, x122, and x221

**NURSING* (B.S.N.)**

**College of Health Professions**

**School of Nursing**

**Web Address:** www.fgcu.edu/chp/nursing/bsn.html

**Calendar Year 2008-2009**

The baccalaureate nursing program is approved by the Florida Board of Nursing (4052 Bald Cypress Way, Bin #CO2, Tallahassee, FL 32399-3257, telephone number 850-488-0595) and accredited by the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle, NW, Washington, DC 20036-1120, telephone number 202-887-6792).

*Limited Access

Limited Access means that all students who meet minimum admission requirements may not be admitted due to space and other constraints. A competitive admissions process is conducted for this major. Students must be admitted to the University and then submit a separate BSN supplemental application.

- Students are admitted to the BSN-First Time in Nursing (BSN-FTIN) program for fall term only. Application materials must be postmarked by February 1.
- Transfer students who are currently enrolled in an accredited baccalaureate nursing program and have completed nursing courses are admitted each fall or spring semester on a limited basis according to the number of open seats. Students must meet all BSN admission requirements. The deadline for completing all admission requirements is June 1 for fall semester and November 1 for spring semester.
Admission Requirements

- Submit a FGCU Application for Admission and satisfy all applicable university admission requirements.
- Submit a completed School of Nursing supplemental application form.
- Earn a cumulative grade point average of 3.00 on a 4.0 scale for BSN-FTIN program.
- Complete common prerequisites for nursing, with a grade of C or higher. Students who have not completed all required coursework at the time of application must include, with the application packet, a written plan for completion of the course(s). A final transcript or original grade report documenting successful completion of the course(s) must be submitted to the School of Nursing prior to the beginning of the fall semester.
- Complete two science common prerequisites prior to the application deadline.
- Successful completion of the Nursing Entrance Test (NET) with required scores prior to BSN supplemental application deadline. (BSN-FTIN only)
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- RN and LPN applicants must provide evidence of licensure as a RN or LPN in the State of Florida by first class day of semester in which admitted.
- Applicants who have attended, but not completed, another registered nursing program (AS, diploma, or BSN) must provide a letter of support from the Dean of the School of Nursing (or designee) that addresses the following: potential for success in a BSN program, safety in providing nursing care, interpersonal communication skills, and other information the director deems important. BSN-FTIN applicants from an accredited baccalaureate BSN program must also submit course syllabi and topical outlines for all nursing courses.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   - A. Communication (6 hrs)
     1. Select STA 2023
   - B. Mathematics (6 hrs)
     1. Select STA 2023
   - C. Humanities (9 hrs)
   - D. Social Sciences (6-9 hrs)
     1. Select PSY 2012
     2. Select SYG 2000
   - E. Natural Sciences (6-9 hrs)
     1. Select BSC 1085C
     2. Select CHM 1045C

2. Common Prerequisites (variable)
   - BSC X085C or any Human Anatomy & Physiology I or Human Anatomy [BSC 1085C recommended]
   - BSC X086C or any Human Anatomy & Physiology II or Human Physiology [BSC 1086C recommended]
   - CHM XXXX must be comprehensive College General Chemistry (such as CHM X030 or CHM X032) but NOT lower level principles courses (such as CHM X025) [CHM 1045C or CHM 1045/1045L recommended]
   - DEP X004 or any Human Growth & Development Across Life Span [DEP 2004 or HUS 3020 recommended]
   - HUN X201 or NUR X192 or any Human Nutrition [HSC 2577 recommended]
   - MCB X010C or any Microbiology w/ Lab [MCB 2010C Microbiology recommended]
   - PSY X012 or any General Psychology [PSY 2012 recommended]
   - STA X014 or any Statistics course [STA 2023 recommended]
   - SYG X000 or any Intro to Sociology [SYG 2000 recommended]

3. Interdisciplinary College Core (12 hrs)
   - IHS 3101 Shaping Health Care in the 21st Century (3) (BSN-FTIN only)
   - IHS 3203 Management and Leadership in Health Care Organizations (3)
   - IHS 4504 Research Methods in Health Care (3)
   - IHS 4938 Senior Seminar (3)

4. Requirements in the Nursing Major (49 hrs)
   - (BSN-FTIN Program)
   - NUR 3065C Health Assessment: Basis for Professional Practice (3)
   - NUR 3105C Caring Scholar Clinician (5)
   - NUR 3125 Physiological Responses to Alterations in Health (3)
   - NUR 3145 Pharmacological, Herbal, & Nutritional Therapies (3)
   - NUR 3465C Population Based Care: Special Populations (6)
   - NUR 3525C Population Based Care: Mental Health Nursing (3)
   - NUR 3935 Nursing Elective (3)
   - NUR 4536C Community Partnered Care (5)
   - NUR 4756C Population Based Care: Vulnerable Populations (5)
   - NUR 4767C Crisis Based Care (5)
   - NUR 4826C Issues Based Care (5)
   - NUR 4948L Senior Nursing Practicum (3)

   *With advisor approval, RN-BSN students may enroll for up to 9 hours in non-degree seeking status.

5. University Requirements (3 hrs)
   - IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
   - Additional electives may be required to reach a minimum of 124 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 124 HRS

Progression Standards

Students in this program must meet specific progression requirements. See the B.S.N. Student Guidebook for details.

Additional Graduation Requirements

- Students must satisfactorily complete a minimum of 124 credit hours, including 64 credit hours of upper division coursework.
- Completion of all required nursing (NUR) and College of Health Professions Interdisciplinary Core (IHS) courses with a minimum grade of C (61 credits).
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 31 of the last 60 hours must be completed at FGCU.
- Satisfactory completion of NCLEX-RN Success Program for all except licensed RNs.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/
PHILOSOPHY (B.A.)
College of Arts and Sciences
Department of Communication and Philosophy
Web Address:
www.fgcu.edu/cas/philosophy
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. PHI 2000 (3) recommended
      3. REL 2306 (3) recommended
   D. Social Sciences (6-9 hrs)
      1. MAN 2062 (3) recommended
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   Students are encouraged to take several courses with the prefixes of PHH, PHI, PHM, PHP, or REL as part of their lower division requirements or electives.

3. Required Courses in the Major (15 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   PHH 3050 Philosophy: History Texts Methods I (3)
   PHH 3050L Philosophy: History Texts Methods I Lab (1)
   PHH 4051 Philosophy: History Texts Methods II (3)
   PHH 4051L Philosophy: History Texts Methods II Lab (1)
   PHI 4938 Capstone Seminar in Philosophy (3)
   PHI 4938L Capstone Seminar in Philosophy Lab (1)

4. Electives in the Major (21 hrs)
   Select 9 hours from the following:
   PHH 3103 Ancient Greece: Reason, Justice & Heroism (3)
   PHH 3501 Marx, Freud and Other Heretics (3)
   PHH 3931 Special Topics History of Philosophy (3)
   (may be repeated once)
   PHH 4450 Hume, Kant & Rousseau (3)
   PHI 4905 Directed Independent Study (3)
   PHP 3786 Existentialism (3)
   PHP 4930 Major Figures in Philosophy (3)

   Select 3 hours from the following:
   EVR 3020 Environmental Philosophies (3)
   LIT 4213 Literary Theory (3)
   MAN 2062 Ethical Issues (3) (GEP)
   PHI 2000 Introduction to Philosophy (3) (GEP)
   POT 3003 Political Theories (3)
   Or any additional upper division course with the prefixes PHI, PHH, PHP, or PHM that has not been used to fulfill other requirements.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

POLITICAL SCIENCE (B.A.)
College of Professional Studies
Division of Public Affairs
Web address: http://cps.fgcu.edu/pa/pos.html
Catalog Year 2008-2009

Admission Requirements
• Submit FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or better.
• The Public Administration Track has additional admission requirements (see below).
• The Public Administration Track has additional admission requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   Select from INR 2005, INR 2015, POS 2041, or POS 2112
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (6 hrs)
   Any two introductory Political Science courses with the prefixes of POS, INR, or CPO (6 hours). The following are suggested FGCU courses:
   INR 2005 Peace Conflict Public Sphere (3)
   INR 2015 Global Studies (3)
   POS 2041 American National Government (3)
   POS 2112 State & Local Government & Politics (3)

3. Core Courses in the Major (18 hrs)

   Select 3 hours from the following:
   EVR 3020 Environmental Philosophies (3)
   LIT 4213 Literary Theory (3)
   MAN 2062 Ethical Issues (3) (GEP)
   PHI 2000 Introduction to Philosophy (3) (GEP)
   POT 3003 Political Theories (3)
   Or any additional upper division course with the prefixes PHI, PHH, PHP, or PHM that has not been used to fulfill other requirements.
5. Restricted Electives/Concentrations (variable hours)

Select one of the following groupings:

A. Restricted Electives (no concentration noted on transcript)
Complete six (6) additional hours of Political Science courses (prefixes CPO, INR, PAD, POS, POT, or PUP) at the 3000-4000 level (or above for individuals previously enrolled in the Public Administration Concentration).

B. Interdisciplinary Studies Concentration
Complete any one of the following minors from the College of Arts and Sciences or the College of Business: Anthropology, Economics, Global Studies, History, Philosophy, or Sociology in accordance with the minor requirements specified in the 2008-2009 FGCU University Catalog. (Note: Courses with CPO, INR, or PUP prefixes used to satisfy the B.A. in Political Science degree requirements cannot also be used to satisfy the Global Studies Minor requirements.)

C. Government and Managerial Innovation Concentration
Complete the Lutgert College of Business minor in Management in accordance with the minor requirements specified in the 2008-2009 FGCU University Catalog.

D. Government and Information Systems Concentration
Complete the Lutgert College of Business minor in Computer Information Systems in accordance with the minor requirements specified in the 2008-2009 FGCU University Catalog.

E. Public Administration Concentration
This concentration is limited to individuals who have satisfied the following requirements and are accepted into the Accelerated MPA program, by means of which a student can obtain both the B.A. and M.P.A. degrees in a shortened period of study:
- Complete all General Education requirements.
- Declare a Political Science major.
- Junior standing with a minimum of 60 credit hours of completed undergraduate coursework.
- Complete at least 9 hours of 3000-4000 level Political Science courses (prefixes CPO, INR, PAD, POS, POT, or PUP).
- A minimum 3.5 GPA on a 4.00 scale in prior Political Science and/or Public Administration courses and a minimum 3.00 overall GPA at the time of application.
- Submit an Accelerated MPA program supplemental application to the Division of Public Affairs by March 1 prior to the academic year in which the student wishes to enroll in MPA courses. Supplemental application materials include the following: (a) Accelerated MPA application form, (b) cover letter and statement of purpose; (c) three letters of recommendation, (d) official transcripts from all colleges and universities previously attended, and (e) an official score report for the Graduate Record Exam (GRE) or the Miller Analog Test (MAT). The minimum acceptable score for the GRE is 1000 (combined quantitative and verbal sections) and the minimum score for the MAT is 45.

Students in the Public Administration Concentration complete the following MPA courses, which are also applied toward fulfillment of the baccalaureate degree:

Senior Year-Spring Semester (required)
PAD 6101 Organizational Theory & Behavior (3)
PAD 6708 Research Applications in Public Administration (3)

Senior Year-Fall Semester (required)
PAD 6060 Introduction to Public Administration (3)
PAD 6365 Public Policy (3)

Senior Year-Summer Semester (optional, but strongly recommended in order to complete both the BA and MPA degrees within a five-year period)
PAD 5933 Proposal Writing & Grant Administration (3)
PAD 6940 Internship (3)
PAD 5393 Proposal Writing & Grant Administration (3)
PAD 6940 Internship (3)

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- At least 30 of the last 60 hours must be earned at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation,
and foreign language entrance requirements
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

Progression Requirements for the Accelerated MPA Program and the Public Administration Concentration
- Earn a grade of B or higher in each course taken as part of the Accelerated MPA sequence (5000-6000 level PAD courses taken during the senior year).
- Maintain an overall GPA of at least 3.0.
If a student fails to satisfy the above progression standards, he or she will be dismissed from the Accelerated MPA program and will revert to conventional undergraduate status with a Political Science Concentration. Subsequent re-entry into the MPA program will require a standard graduate application and admission. See an academic advisor for additional information.

PROFESSIONAL GOLF MANAGEMENT (B.S.)
College of Professional Studies
Division of Resort & Hospitality Management
Web address: http://cps.fgcu.edu/resort/index.html
Catalog Year 2008-2009

*Limited Access
This is a limited access program. Qualified students are admitted for the fall semester on a space-available basis. Admission decisions are based on materials and coursework completed at the time of application. For priority consideration, all application materials must be received by February 15th of the calendar year in which entry is sought.

Admission Requirements
- Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- Complete Common Prerequisites with a grade of C or better.
- Provide proof of a golf handicap of 12 or lower, verified by one of the following: (a) USGA handicap card, (b) letter from a PGA Golf Professional, (c) letter of playing ability from a high school golf coach.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   HFT 1000 Introduction to Hospitality/Tourism (3)

3. Required Courses in the Major (51 hrs)
   HFT 1382 Introduction to Golf Management (3)
   HFT 2352 Player Development (1)
   HFT 3003 Intro. Resort, Hospitality & Tourism Mgmt (3)
   HFT 3352 Golf Facility Operations (2)
   HFT 3383 Adv. Golf Merchandising Oper. (2)
   HFT 3407 Resort & Hospitality Mgmt. Accounting (3)
   HFT 3573 Resort & Hospitality Mgmt. Marketing (3)
   HFT 3670 Resort & Hospitality Management Law, Legal Issues & Risk Management (3)
   HFT 3806 Mgmt. of Food & Beverage Operations (3)
   HFT 4342 Resort & Recreation Planning, Programming, Facilities Design (3)
   HFT 4934 Professional Golf Management Senior Seminar (3)
   HFT 4945 Internship (9 credits)
   ORH 2220C Turfgrass Management Operations (3)
   PEL 3120 PGA Prep 1 (1)
   PEL 3125 PGA Prep 2 (1)
   PEL 3128 PGA Prep 4 (1)
   PEL 3217 PGA Prep 3 (1)
   PEL 4126 Golf Practicum (3)
   PEL 4129 PGA Prep 5 (1)
   PEO 3124 Dir of Golf Instructional Oper. (2)

4. Electives in the Major (6 hrs)
   Select 6 hours from the following:
   HFT 3271 Introduction to Club & Spa Management (3)
   HFT 3572 Advertising & Public Relations (3)
   HFT 4275 Resort Management & Development (3)
   HFT 4380 Golf Course Ownership (3)
   HFT 4381 Golf Exec. Mgmt (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- At least 30 of the last 60 hours must be earned at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/
- Satisfy elements of the Professional Golfers Association of America PGM program, including (a) passing Level 1, 2, and 3 checkpoints administered by the PGA of America, and (b) passing the PGA Player Ability Test.
For those wishing to become PGA of America members, United States citizenship is required. Consult a college advisor for additional details.

PSYCHOLOGY (B.A.)
College of Arts and Sciences
Department of Social and Behavioral Sciences
Web Address: www.fgcu.edu/cas/psychology/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
- Submit a FGCU undergraduate admission application and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.
Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
      1. PSY 2012 (3) recommended
   E. Natural Sciences (6-9 hrs)
      1. BSC 1xxx or 2xxx (3) recommended

2. Common Prerequisites (variable)
   A. BSC xxxx Any general biology (3) (GEP)
   B. PSY 2012 General Psychology (3) (GEP)
   C. PSY xxxx Any other lower level Psychology course within the Psychology inventory with prefix of CLP, DEP, EXP, INP, PPE, PSB, PSY, or SOP.
   D. STA 2023 Statistical Methods (3) (GEP)

3. Required Courses in the Major (42 hrs)
   CLP 4143 Abnormal Psychology (3)
   DEP 4054 Developmental Psychology (3)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   PSB 4002 Physiological Psychology (3)
   PSY 3017 Experimental Psychology (3)
   PSY 3213 Research Methods in Psychology (3)
   PSY 4990 Senior Seminar in Psychology (3)
   STA 2122 Social Science Statistics (3)

4. Electives in the Major (15 hrs)
   A. Select 3 hours from the following:
      EXP 4404 Psychology of Learning (3)
      EXP 4604 Human Memory and Cognition (3)
   B. Select 3 hours from the following:
      INP 4004 Intro to Industrial/Org Psychology (3)
      SOP 4004 Social Psychology (3)
   C. Select 9 hours from the following:
      CLP 4302 Intro to Clinical Psychology (3)
      CLP 4314 Health Psychology (3)
      CLP 4414 Behavior Modification (3)
      CLP 4433 Psy Tests & Measurements (3)
      DEP 4104 Advanced Child Psychology (3)
      DEP 4404 Psychology of Adulthood & Aging (3)
      EXP 3202 Sensation and Perception (3)
      EXP 4404 Psychology of Learning (3)*
      EXP 4604 Human Memory and Cognition (3)*
      INP 4004 Intro to Industrial/Org Psychology (3)*
      PPE 4003 Psychology of Personality (3)
      PSY 4604 History and Systems in Psychology (3)
      PSY 4911 Internship in Psych (3)
      PSY 4913 Directed Study (3)
      PSY 4930 Special Topics (3)
      SOP 4004 Social Psychology (3)*
      SOP 4714C Environmental Psychology (3)
*Courses used to fulfill the elective requirements of 4A and 4B may not be reused to fulfill 4C.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
BSC 1010C: may substitute any level General Biology (x000-x099) or BSC x200-209 or ZOO x010; or BSC 1010 and BSC 1010L.
STA 2023: may substitute any level statistics course (x000-099)

RESORT & HOSPITALITY MANAGEMENT (B.S.)
• Event Management Concentration
• Spa Management Concentration

College of Professional Studies
Division of Resort & Hospitality Management
Web address: http://cps.fgcu.edu/resort/index.html
Catalog Year 2008-2009

Admission Requirements
Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   HFT 1000 Introduction to Hospitality/Tourism (3)

3. Required Courses in the Major (42 hrs)
   HFT 3003 Introduction to Resort, Hospitality & Tourism Mgmt (3)
   HFT 3006 Mgmt of Resort & Hospitality Human Resources (3)
   HFT 3407 Resort & Hospitality Mgmt. Accounting (3)
   HFT 3573 Resort & Hospitality Mgmt. Marketing (3)
   HFT 3670 Resort & Hospitality Management Law, Legal Issues & Risk Management (3)
   HFT 3806 Management of Food & Beverage Operations (3)
HFT 4275  Resort Development & Management (3)  
HFT 4342  Resort & Recreation Planning, Programming, & Facilities Design (3)  
HFT 4408  Resort & Hospitality Mgmt Budgeting & Finance (3)  
HFT 4295  Resort & Hospitality Management Senior Seminar (3)  

Select one of the following:  
HFT 3443  Hospitality Information Technology (3)  
HFT 4253  RHM Lodging Operations & Mgmt. (3)  

Select one of the following:  
A. HFT 4945 Internship in Resort & Hospitality Mgmt (9)  
B. HFT 4944 RHM Field Experience (3) and HFT 4945 Internship in Resort & Hospitality Mgmt (6)  

4. Restricted Coursework/Concentration (15 hrs)  
Select one of the following groupings:  

A. No concentration noted on transcript  
Select 6 hours from the following:  
HFT 3203  Spa Services and Treatments (3)  
HFT 3294  Spa Operations and Management (3)  
HFT 3270  Introduction to Club & Spa Management (3)  
HFT 3383  Adv. Golf Merchandising Oper. (2)  
HFT 3471  Event Operations & Financial Mgmt. (3)  
HFT 3543  Spa Industry Customer Experience (3)  
HFT 3572  Resort & Hospitality Management Sales, Advertising and Public Relations (3)  
HFT 3754  Conventions and Meetings Management (3)  
HFT 3757  Principles of Event Management (3)  
HFT 3802  Catering and Special Event Operations (3)  
HFT 3854  Spa Client Wellness and Healthy Cuisines (3)  
HFT 4010  Strategic Issues in Resort Management (3)  
HFT 4273  Resort Timeshare, Condominium Vacation Interval Ownership (3)  
HFT 4286  Resort & Hospitality Mgmt Professional Communication and Presentations (3)  
HFT 4380  Golf Course Ownership (3)  
HFT 4381  Golf Executive Management (3)  
HFT 4912  Resort & Hospitality Mgmt Direct Individual Study (3)  
HFT 4955  Resort & Hospitality Mgmt Study Abroad (3)  

Select an additional 9 hours of courses from the above list or any HFT prefix course at the 3000 level or above.  

B. Event Management Concentration  
Required courses:  
HFT 3471  Event Operations and Financial Mgmt. (3)  
HFT 3754  Conventions and Meetings Management (3)  
HFT 3757  Principles of Event Management (3)  
HFT 3802  Catering and Special Event Operations (3)  
HFT 4791  Event Management Senior Project (3)  

C. Spa Management Concentration  
Required courses:  
HFT 3203  Spa Services and Treatments (3)  
HFT 3294  Spa Operations and Management (3)  
HFT 3271  Intro. to Club and Spa Management (3)  
HFT 3543  Spa Industry Customer Experience (3)  
HFT 3854  Spa Client Wellness and Healthy Cuisines (3)  

5. University Requirements (3)  
IDS 3920  University Colloquium (3)  

6. Additional Electives (Variable)  
TOTAL SEMESTER HOURS REQUIRED 120 HRS  

Additional Graduation Requirements  
- Students must satisfactorily complete a minimum of 120 credit hours.  
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.  
- At least 48 of the 120 hours must be in the upper division (3000 and higher).  
- At least 30 of the last 60 hours must be earned at FGCU.  
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements  
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/  

SECONDARY BIOLOGY EDUCATION (B.A.)  
College of Education  
Division of Undergraduate Studies  
Web Address: http://coe.fgcu.edu/bio2.html  
Catalog Year 2008-2009  

Admission Requirements  
- An overall GPA of 2.5 on all hours attempted.  
- Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.  
- Satisfy General Education requirements.  
- Satisfy Gordon Rule requirements.  
- Satisfy common prerequisite requirements.  

Degree Requirements  
1. FGCU General Education Program (GEP) (36 hrs)  
   A. Communication (6 hrs)  
   B. Mathematics (6 hrs)  
   C. Humanities (9 hrs)  
   D. Social Sciences (6-9 hrs)  
   E. Natural Sciences (6-9 hrs)  

2. Common Prerequisites (variable)  
   A. EDF 2005* Introduction to Education (3)  
   B. EDG 2701* Teaching Diverse Populations (3)  
   C. EME 2040* Educational Technology (3)  
   D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.  
   E. Other program prerequisites:  
      - Biology w/lab (8 hrs)  
      - Chemistry w/Lab or Physics w/Lab (8 hrs) [CHM 1045C and CHM 1046C recommended]  
      - Electives in science (6 hrs)  
   *Courses must be completed with a minimum grade of C or better.  

3. Courses in the Major (44 hrs)  
   The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.  

Block 1  
EDF 3201  Diversity of Human Experience (6)  
EDG 3201  Professional Studies (6)  
And one of the following:  
PCB 3043C  General Ecology (3)  
ZOO 3713C  Vertebrate Form and Function (3)  

Block 2
TSL 4520 Second Language Acquisition, Communication & Culture (3)
SCE 4330 Science Methods: 6-12 (3) [spring only]
PCB 3023C Cell Biology (3)
And one of the following:
PCB 3043C General Ecology (3)
ZOO 3713C Vertebrate Form and Function

Block 3
RED 4350 Literacy Content & Processes (3)
IDS 3920 University Colloquium (see below)

Block 4
SCE 4941 Integrated Field Experience: Biology Education 6-12 (3)
EDF 4470 Assessment & Action Research (3)
PCB 3063C Genetics (3)
*Subject Area Elective (3)
*Subject Area Elective (3)

Block 5
SCE 4936 Senior Seminar: Biology Education 6-12 (3)
SCE 4940 Internship: Biology Education 6-12 (9)

4. Subject Area Electives* (6 hrs)
Select from the following with approval of the college academic advisor:
ISC 3120C Scientific Process (3)
PCB 3703C Human Physiology
PCB 3673 Evolutionary Biology (3)
PCB 3723C Comparative Animal Physiology (3)
And upper division courses in molecular biology, cellular biology, organismal biology, or environmental studies.

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Progression Standards
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, the subject area examination and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement. www.fgcu.edu/connect/
• Attain a proficient evaluation on the Teacher Effectiveness Portfolio.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

SECONDARY MATHEMATICS EDUCATION (B.A.)
College of Education
Division of Undergraduate Studies
Web Address: http://coe.fgcu.edu/math2.html
Catalog Year 2008-2009

Admission Requirements
• An overall GPA of 2.5 on all hours attempted.
• Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
• Satisfy General Education requirements.
• Satisfy Gordon Rule requirements.
• Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
A. Communication (6 hrs)
B. Mathematics (6 hrs)
C. Humanities (9 hrs)
D. Social Sciences (6-9 hrs)
E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
A. EDF 2005* Introduction to Education (3)
B. EDG 2701* Teaching Diverse Populations (3)
C. EME 2040* Educational Technology (3)
D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.
E. Other program prerequisites:
• MAC 2311 Calculus I (4 hrs)
• Calculus & Analytic Geometry II (4 hrs) [MAC 2312 recommended]
• Elective in Mathematics (4 hrs) [MAC 2313 recommended]
• Computer Programming Language (applicable to microcomputer) (3 hrs)

*Courses must be completed with a minimum grade of C or better.

3. Courses in the Major (39 hrs)
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

Block 1
EDF 3201 Diversity of Human Experience (6)
EDG 3201 Professional Studies (6)
MAS 3105 Linear Algebra (3)

Block 2
TSL 4520 Second Language Acquisition, Communication & Culture (3)
MAE 4152 Math Methods: 6-12 (3)
MHF 2191 Mathematical Found. (3)
*Subject Area Elective

Block 3
RED 4350 Literacy Content & Processes (3)
IDS 3920 University Colloquium (see below)
<table>
<thead>
<tr>
<th>Block 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE 4942 Integrated Field Experience: Secondary Ed/Math (3)</td>
</tr>
<tr>
<td>EDF 4470 Assessment &amp; Action Research (3)</td>
</tr>
<tr>
<td>*Subject Area Elective</td>
</tr>
<tr>
<td>*Subject Area Elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Block 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE 4936 Senior Seminar: Mathematics Ed (3)</td>
</tr>
<tr>
<td>MAE 4940 Internship: Mathematics Ed (9)</td>
</tr>
</tbody>
</table>

4. **Subject Area Electives** *(13 hrs)*

Select from the following with approval of the college academic advisor:

- MAA 4226 Advanced Calculus (4)
- MAD 3107 Discrete Mathematics (3)
- MAD 4401 Numerical Analysis (3)
- MAP 3161 Meth of Ap Math I (4)
- MAP 3162 Meth of Ap Math II (4)
- MAP 3163 Meth of Ap Math III (3)
- MAS 4301 Abstract Algebra I (3)
- STA 4234 Intro. to Regression Analysis (3)

5. **University Requirements** *(3 hrs)*

| IDS 3920 | University Colloquium (3) |

6. **Additional Electives** *(variable)*

Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

**TOTAL SEMESTER HOURS REQUIRED**

**120 HRS**

**Progression Standards**

- In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
- In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
- In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
- Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

**Additional Graduation Requirements**

- A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
- Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education Examination, two subject area examinations (normally completed during Block 4 and Block 5) and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
- A minimum of 48 upper division hours (courses numbered 3000 and higher).
- Complete 30 of the last 60 hours at FGCU.
- Satisfaction of foreign language admission requirement.
- Satisfaction of Service Learning requirements. [www.fgcu.edu/connect/]
- Completion of all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

**Transfer of Undergraduate Coursework**

The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

---

**SECONDARY SOCIAL SCIENCE EDUCATION (B.A.)**

**College of Education**

**Division of Undergraduate Studies**

**Web Address:** [http://coe.fgcu.edu/science2.html](http://coe.fgcu.edu/science2.html)

**Catalog Year 2008-2009**

**Admission Requirements**

- An overall GPA of 2.5 on all hours attempted.
- Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
- Satisfy General Education requirements.
- Satisfy of Gordon Rule requirements.
- Satisfy common prerequisite requirements.

**Degree Requirements**

1. **FGCU General Education Program (GEP)** *(36 hrs)*

   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. **Common Prerequisites** *(variable)*

   A. EDF 2005* Introduction to Education (3)
   B. EDG 2701* Teaching Diverse Populations (3)
   C. EME 2040* Educational Technology (3)
   D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.
   E. Other program prerequisites. Select 21 credit hours from every area below:

   - American Government (3 hrs)
   - Anthropology (3 hrs)
   - Cultural Geography (3 hrs)
   - Economics (3 hrs)
   - History (3 hrs)
   - Psychology (3 hrs)
   - Sociology (3 hrs)

   *Courses must be completed with a minimum grade of C or better.

3. **Required Courses in the Major** *(39 hrs)*

   The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

   **Block 1**

   | EDF 3201 | Diversity of Human Experience (6) |
   | EDG 3201 | Professional Studies (6) |

   **Block 2**

   | TSL 4520 | Second Language Acquisition, Communication & Culture (3) |
   | SSE 4153 | Social Science Methods: 6-12 (3) |
   | *Subject Area Elective |
   | *Subject Area Elective |

   **Block 3**

   | RED 4350 | Literacy Content & Processes (3) |
   | *Subject Area Elective |

   **Block 4**

   | SSE 4941 | Integrated Field Experience: Secondary Ed/Social Science (3) |
   | EDF 4470 | Assessment & Action Research (3) |
   | IDS 3920 | University Colloquium (see below) |
   | *Subject Area Elective |
Block 5
SSE 4936 Senior Seminar: Social Science Ed (3)
SSE 4940 Internship: Social Science Ed (9)

4. Subject Area Electives*  (12 hrs)
Select from the following with approval of the college academic advisor:
Upper level courses (3-4000 level) from the social sciences disciplines (prefixes of ANT, ECO, HIS, POS, PSY, SOP, SYD, SYG, SYO, and SYP).

5. University Requirements  (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives  (variable)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED  120 HRS

Progression Standards
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, two subject area examinations and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement. [www.fgcu.edu/ connect/]
• Complete of all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

SOCIAL WORK (B.S.W.)
College of Professional Studies
Division of Social Work
Web address: http://cps.fgcu.edu/sw/bsw/index.html
Catalog Year 2008-2009

Admission Requirements
• Submit FGCU Undergraduate Application for Admission and satisfy all applicable university admission requirements.
• Complete Common Prerequisites with a grade of C or better.
• Complete general education program.

Degree Requirements
1. FGCU General Education Program (GEP)  (36 hrs)
A. Communication (6 hrs)
B. Mathematics (6 hrs)
C. Humanities (9 hrs)
D. Social Sciences (6-9 hrs)
   Select from common prerequisites below
E. Natural Sciences (6-9 hrs)
   Select from common prerequisites below

2. Common Prerequisites  (variable)
A. XXX xxxx American Government (American National Government or American Government) or Introduction to Public Policy (3 hr) [POS 2041 or POS 2112 recommended]
B. XXX xxxx Biology (Human Biology or Anatomy & Physiology) (3 hr) [BSC 1020C or BSC 1085C recommended]
C. ECO xxxx Economics (Microeconomics or Macroeconomics or Introduction to Economics) (3 hr) [ECO 2023 recommended]
D. XXX xxxx Introductory Psychology (3 hr) [PSY 2012 recommended]
E. XXX xxxx Introductory Sociology/Social Problems (3 hr) [SYG 2000 or SYG 2010 recommended]

3. Required Core Courses  (45 hrs)
SOW 3036 Social Work and Social Welfare (3)
SOW 3101 Human Behavior and Social Env I (3)
SOW 3102 Human Behavior and Social Env II (3)
SOW 3232 Social Policy (3)
SOW 3300 Practice I: Individuals and Families (3)
SOW 3322 Practice II: Groups (3)
SOW 4060 BSW Field Education I (6)
SOW 4061 BSW Field Education II (6)
SOW 4314 Practice III: Case Management (3)
SOW 4332 Practice IV: Community & Organizational Develop. (3)
SOW 4401 Social Work Research (3)
SOW 4521 BSW Field Seminar (3)
SOW 4522 BSW Integrative Senior Seminar (3)

4. Electives in the Major  (6 hrs)
Select 6 hours from the following:
SOW 4194 Inter-relational Violence (3)
SOW 4274 International Social Work
SOW 4601 Issues in Health/Mental Health (3)
SOW 4643 Issues in Aging (3)
SOW 4650 Child Abuse Treatment & Prevention
SOW 4676 Loss & Bereavement (3)
SOW 4677 Issues in Vulnerable Populations (3)
SOW 4700 Chemical Dependency & Interventions (3)
SOW 4724 Child Welfare (3)
SOW 4901 Independent Study (3)

5. University Requirements  (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives  (variable)
Additional electives may be required to reach a minimum of 120 credit hours.

TOTAL SEMESTER HOURS REQUIRED  120 HRS

Additional Graduation Requirements
• Students must satisfactorily complete a minimum of 120 credit hours.
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• At least 48 of the 120 hours must be in the upper division (3000 and higher).
• At least 30 of the last 60 hours must be earned at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/

SOCIOMETRY (B.A.)
College of Arts and Sciences
Department of Social and Behavioral Sciences
Web Address: http://www.fgcu.edu/cas/sociology/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   1. ENC 1101
   2. ENC 1102
   B. Mathematics (6 hrs)
   1. STA 2023
   C. Humanities (9 hrs)
   1. HUM 2510
   D. Social Sciences (6-9 hrs)
   1. SYG 2000 (3) recommended
   2. SYG 2010 (3) recommended
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   Any 6 hours of lower level courses with the prefix of SYA, SYD, SYG, SYO or SYP (GEP).

3. Required Courses in the Major (24 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   SYA 3010 Sociological Theory (3)
   SYA 3300 Social Research (3)
   SYA 4654 Program Development (3)
   SYA 4935 Sociology Capstone (3)
   SYO 3530 Social Stratification (3)

4. Electives in the Major (15 hrs)
   Select one of the following:
   SYO 3360 Social Organization of Work
   SYO 3120 The Family

   Select one of the following:
   SYA 3910 Directed Independent Study (3)
   SYD 3410 Urban Sociology (3)
   SYD 4603 Community Development (3)
   SYD 3625 South Florida Sociocultural Systems (3)
   SYD 3630 Latin American Social Structures (3)
   SYD 3631 Caribbean Social Structures (3)
   SYD 3730 African-American Experience (3)
   SYD 3770 Race & Culture (3)
   SYD 3800 Sociology of Sex & Gender (3)
   SYD 4020 Global Population (3)
   SYD 4910 Directed Independent Study (3)

   Select one of the following:
   SYO 3360 Social Organization of Work (3)*
   SYO 3120 The Family (3)*
   SYO 3200 Sociology of Religion (3)
   SYO 3400 Medical Sociology (3)

   Select one of the following:
   SYP 4640 Sociology of Leisure (3)
   SYP 4731 Aging, Self and Society (3)
   SYP 4741 Social Organization of Death and Dying (3)

   Select one of the following:
   SYA 4949 Sociology Internship (3)
   *Any 3000-4000 level course with the prefix of SYA, SYD, SYG, SYO or SYP

   *Courses used to satisfy one elective category cannot be used to satisfy another elective category.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
SYG 2000 and SYG 2010: may substitute any 6 hours of lower level courses with the prefixes of SYA, SYD, SYG, SYO, or SYP

SPANISH (B.A.)
College of Arts and Sciences
Department of Language and Literature
Web Address: www.fgcu.edu/cas/spanish/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

**Degree Requirements**

1. **FGCU General Education Program (GEP) (36 hrs)**
   - A. Communication (6 hrs)
     1. ENC 1101
     2. ENC 1102
   - B. Mathematics (6 hrs)
     1. STA 2023
   - C. Humanities (9 hrs)
     1. HUM 2510
   - D. Social Sciences (6-9 hrs)
   - E. Natural Sciences (6-9 hrs)

2. **Common Prerequisites (variable)**
   Students should show evidence of successful completion of Spanish through the intermediate level (SPN 2201 and SPN 2201L) by either passing the courses (16 hours) with a grade of C or higher or taking the placement examination.

3. **Required Courses in the Major (12 hrs)**
   - IDS 3300 Foundations of Civic Engagement (3)
   - SPN 3300 Composition (3)
   - SPN 3411 Advanced Oral Expression (3)
   - SPN 4920 Spanish Symposium (3)

4. **Electives in the Major (21 hrs)**
   Select 21 hours from the following:
   - SPN 2270 Study Abroad (1-6)
   - SPN 3400 Conversation and Composition I (3)
   - SPN 3500 Spanish Culture & Civilizations I (3)
   - SPN 3520 Latin American Cultures & Civ I (3)
   - SPN 4470 Advanced Senior Study Abroad (1-6)
   - SPN 4537 Topics in Afro-Hispanic Cultures (3)
   - SPN 4538 Indigenous Peoples in Latin America (3)
   - SPN 4910 Intern Practicum (3)
   - SPT 3532 Hispanic Cinema (3)
   - SPT 4800 Translation Skills I (3)
   - SPT 4801 Professional Translation (3)
   - SPW 3100 Survey of Literature of Spain (3)
   - SPW 3130 Survey of Latin American Literature (3)
   - SPW 3320 Modern Hispanic Theatre Workshop (3)
   - SPW 3423 Masterpieces of Spain’s Golden Age (3)
   - SPW 3480 Topics in 20th Century Spanish Literature (3)
   - SPW 3782 Hispanic Women Writers (3)
   - SPW 4282 Contemporary Latin American Fiction (3)
   - SPW 4604 Cervantes Don Quixote (3)
   - SPW 4930 Selected Topics (1-3)

5. **University Requirements (3 hrs)**
   - IDS 3920 University Colloquium (3)

6. **Additional Electives (variable)**

**TOTAL SEMESTER HOURS REQUIRED 120 HRS**

**Additional Graduation Requirements**
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See [www.fgcu.edu/connect/](http://www.fgcu.edu/connect/)

• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

**SPECIAL EDUCATION (B.A.)**

**College of Education**

**Division of Undergraduate Studies**

**Web Address: [http://coe.fgcu.edu/specialeducation/undergraduate](http://coe.fgcu.edu/specialeducation/undergraduate)**

**Catalog Year 2008-2009**

**Admission Requirements**
- An overall GPA of 2.5 on all hours attempted.
- Pass all subsections of the CLAST, FTCE or Praxis I. No exemptions can be considered.
- Satisfy General Education requirements.
- Satisfy Gordon Rule requirements.
- Satisfy common prerequisite requirements.

**Degree Requirements**

1. **FGCU General Education Program (GEP) (36 hrs)**
   - A. Communication (6 hrs)
   - B. Mathematics (6 hrs)
   - C. Humanities (9 hrs)
   - D. Social Sciences (6-9 hrs)
   - E. Natural Sciences (6-9 hrs)

2. **Common Prerequisites (variable)**
   - A. EDF 2005 Introduction to Education (3)
   - B. EDG 2701 Teaching Diverse Populations (3)
   - C. EME 2040 Educational Technology (3)
   - D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.
   *Courses must be completed with a minimum grade of C or better.

3. **Required Courses in the Major (63 hrs)**
   The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

   **Block 1**
   - EDF 3201 Diversity of Human Experience (6)
   - EDG 3201 Professional Studies (6)
   - IDS 3920 Colloquium (see below)

   **Block 2**
   - EEX 4050 Theories and Practices in Special Education (3) [spring only]
   - MAE 4310 Math Content & Processes (3)
   - RED 4310 Early Learning Literacy (3)
   - SSE 4343 Social Studies & Humanities (3)

   **Block 3**
   - EEX 4474 Teaching Students with Moderate/Severe Disabilities (3) [summer only]
   - RED 4350 Literacy Content & Processes (3)
   - SSE 4343 Social Studies & Humanities (3)

   **Block 4**
   - EDF 4470 Assessment & Action Research (3)
   - EEX 4254 Teaching Students with Mild/Moderate Disabilities (3) [fall only]
   *formerly EEX 4846*
131

EEX 4942 Integrated Field Experience: Special Ed (3)
LAE 4416 Children’s Literature (3) [or LAE 4464 Adolescent Literature—offered fall only]
TSL 4340 Methods, Curriculum & Instructional Effectiveness (3)

Block 5
EEX 4936 Senior Seminar: Special Education (3)
EEX 4940 Internship: Special Education (9)

4. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

5. Additional Electives (variable)
Additional electives may be required to reach a minimum of 126 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 126 HRS

Progression Standards
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, two subject area examinations and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 32 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement [www.fgcu.edu/connect/]
• Complete of all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

THEATRE (B.A.)
College of Arts and Sciences
Department of Visual and Performing Arts
Web Address: www.fgcu.edu/cas/theatre/
Phone: 239-590-7196
Catalog Year 2008-2009

Admission Requirements
• Submit a FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. THE 2020 (3) recommended
      3. THE 2300 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   THE 2020 Introduction to Theatre (3) (GEP)
   THE 2300 Survey of Dramatic Lit (3) (GEP)
   THE 2925 Play Production (1)
   TPA 2200 Tech Theatre Lab I (1)
   TPA 2210 Stagecraft (3)
   TPA 2190 Rehearsal & Performance (1)

3. Required Courses in the Major (30 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   THE 2430 Performing Arts in a Culturally Diverse Society (3)
   THE 3511 Theories of Theatre and Performance I (3)
   THE 3512 Theories of Theatre and Performance II (3)
   THE 3540 Performing Communities (3)
   THE 4959 Senior Project in Theatre (3)
   TPP 2100 Acting I (3)
   TPP 2111 Acting II (3)
   TPP 3943 Performing Communities Field Methods (3)
   TPP 4310 Play Directing (3)

4. Electives in the Major (20 hrs)
   A. Select 6 hours from the following:
      Any course numbered 3000-4999 with prefixes other than THE, TPP, or TPA.
   B. Select 14 hours from the following list. At least 12 hours must be numbered 3000-4999:
      DAA 2540 Theatre Dance Styles (2)
      DAA 3684 Dance Theatre Lab (2)
      THE 3560 Ecologies of Performance (3)
      THE 3503 Analysis: Visuality/Performativity/Textuality (3)
      THE 4181 Theatre of Transgression and Resistance (3)
      THE 4330 Shakespeare for the Theatre (3)
      THE 4905 Directed Study in Theatre (1-4)
      THE 4930 Special Topics in Theatre (1-3)
      THE 4945 Summer Repertory Theatre (3-9)
      TPA 2214 Stage Lighting and Sound (3)
      TPA 2248 Workshop in Stage Make-up (1)
      TPA 4060 Principles of Scene Design (3)
      TPA 4930 Special Topics in Theatre (1-3)
      TPA 4940 Internship in Technical Theatre (1-6)
      TPP 2160 Physical Theatre I (3)
      TPP 2191 Rehearsal and Performance II (3)
      TPP 3292 Applied Studies in New Theatre Technique (3)
      TPP 3242 Performance Art (3)
      TPP 3112 Physical Theatre II (3)
      TPP 3192 Rehearsal and Performance III (3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPP 3193</td>
<td>Rehearsal and Performance IV (3)</td>
<td></td>
</tr>
<tr>
<td>TPP 4174</td>
<td>Transmedia Autoperformance (3)</td>
<td></td>
</tr>
<tr>
<td>TPP 4155</td>
<td>Scene Study (3)</td>
<td></td>
</tr>
<tr>
<td>TPP 4600</td>
<td>Playwriting (3)</td>
<td></td>
</tr>
<tr>
<td>TPP 4923</td>
<td>Musical Theatre Workshop (3)</td>
<td></td>
</tr>
<tr>
<td>TPP 4940</td>
<td>Internship in Theatre Performance (1-6)</td>
<td></td>
</tr>
</tbody>
</table>

5. University Requirements (3 hrs)

IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
- THE 2020: may substitute THE X000 or any introductory course from 001-035 at the 1 or 2 level
- THE 2300: may substitute THE X305
- TPA 2210: may substitute TPA x200
- TPP 2190: may substitute TPP x110

Any introductory course from 001-035 at the 1 or 2 level plus nine hours of any combination of THE, TPA and TPP courses can substitute for the Theatre common prerequisites.
FGCU MINORS 2008-2009

Advertising
African Diaspora Studies
Anthropology
Art
Biology
Chemistry
Community Planning and Development
Computer Information Systems
Creative Writing
Economics
Education
English
Environmental Engineering
Gender Studies
Global Studies
History
Interdisciplinary Studies
Journalism
Latin American Studies
Management
Marketing
Mathematics
Music
Philosophy
Political Science
Psychology
Real Estate
Religious Studies
Sociology
Software Engineering
Southwest Florida Studies
Spanish

General Requirements for a Minor
• Students must meet with a college advisor to declare a minor and review the course requirements.
• A grade of C or higher is required in all courses for the minor.
• A minimum of 12 credit hours of the minor must be completed at FGCU.
• Students desiring certification of a minor and designation on their academic transcript must:
  o Note the minor on the Application for Graduation.
  o Contact a college advisor to certify completion of all course requirements for the declared minor as listed below.

Transfer Notes
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

ADVERTISING MINOR  (18 HRS)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/undergrad/
ADV 3008  Principles of Advertising (3)
MAR 3023  Introduction to Marketing (3)
MAR 4333  Integrated Mkt Communications (3)
Select one of the following:
ADV 3001  Creative Strategy (3)
ADV 3101  Promotional Writing & Design (3)
ADV 3300  Advertising Media Planning (3)
Additional 6 hours of approved upper division (3-4000 level) marketing (MAR) or advertising (ADV) electives selected in consultation with a college advisor.

AFRICAN DIASPORA STUDIES MINOR  (18 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

Complete one of the following:
AF 2000  Intro to Afr & Diaspora Studies (3)
SY 2231  Intro to African-American Studies (3)
Complete one of the following:
AF 4331  Social Inst. & the Afr-Am Comm (3)
SY 3730  The African-American Experience (3)
Complete one of the following:
LAH 3300  The Americas (3)
LAH 3470  History of the Caribbean (3)
Complete three of the following:
AF 3900  Directed Readings (3)
AF 3910  Directed Individual Study (3)
AF 3931  Sel. Topics in Afr. & Dias. St (3)
AF 4335  Women of Color in the U.S. (3)
AMH 3571  African-American History to 1865 (3)
AMH 3572  African-American History since 1865 (3)
AML 4604  Seminar in African-American Lit (3)
AMS 3700  Racism in African American Society (3)
ANT 3340  Caribbean Cultural Patterns (3)
ARH 3520  African Art (3)
ARH 3670  Caribbean Art (3)
LAS 3022  Caribbean Environments (3)
LAS 4932  Selc Topic Caribbean Studies (3)
SPN 4537  Spec Topics Afro-Hispanic Cult (3)
SPT 3523  Women Writers of Latin Amer. (3)
SYD 3631  Caribbean Social Structures (3)
SYD 3770  Race & Culture (3)
WST 4262  Literature by Women of Color (3)

ANTHROPOLOGY MINOR  (15 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

Complete one of the following:
ANT 2000  Introduction to Anthropology (3)
ANT 2211  Peoples of the World (3)
ANT 2410  Cultural Anthropology (3)
Complete one of the following:
ANT 2511  Intro. to Physical Anthropology (3)
ANT 2100  Introduction to Archaeology (3)
Complete three additional courses (9 hours) from 3000-4000 level ANT courses.

ART MINOR  (18 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
ART 1300  Drawing I (3)
Complete one of the following:
ARH 2050  History of Visual Arts I (3)
ARH 2051  History of Visual Arts II (3)
Complete one additional course (3 hours) from 1000-2000 level ART or ARH courses.
Complete three additional courses (9 hours) from 3000-4000 level ART or ARH courses.

BIOLOGY MINOR  (20 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
BSC 1010C  General Biology with lab I (4)
BSC 1011C  General Biology with lab II (4)
Complete 12 hours from the following:
ISC 3120  Scientific Process
Any course with the prefixes BOT, BSC, MCB, PCB, or ZOO from 3000 level or above.
Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.
CHEMISTRY MINOR  (23 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
CHM 1045C  General Chemistry I (4)
CHM 1046C  General Chemistry II (4)
CHM 2210C  Organic Chemistry I (4)
CHM 2211C  Organic Chemistry II (4)
CHM 3120C  Analytical Chemistry (4)
BCH 3023C  Biochemistry (3)
Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

COMMUNITY PLANNING AND DEVELOPMENT MINOR  (18 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
SYA 3300  Social Research Methods (3)
SYD 4020  Global Population (3)
SYD 4603  Community Development (3)
SYG 2000  Introduction to Sociology (3)
Complete one of the following:
SYA 4654 Program Development
SYP 4640 Sociology of Leisure (3)
SYO 3360 Organization of Work (3)
Complete one additional course (3 hours) from 3000-4000 level AEB, ECO, ECP, SYA, SYD, SYG, SYO or SYP prefixes.

COMPUTER INFORMATION SYSTEMS MINOR  (18 HRS)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/undergrad/
CGS 1100  Introduction to Computers (3)
ISM 2051  Website Development (3)
ISM 3011  Information Systems (3)
ISM 3212  Database Concepts & Admin (3)
ISM 3230  Intro Business Programming (3)
Select one of the following:
ISM 3220  Data Communications (3)
ISM 3232  Intermed Business Programming (3)
ISM 3402  Decision Support Tools (3)
ISM 4094  Advanced MIS Symposium (3)

CREATIVE WRITING MINOR  (15 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
CRW 2001  Introduction to Creative Writing (3)
Complete four of the following:
CRW 4120  Advanced Fiction Writing (3)
CRW 4320  Advanced Poetry Writing (3)
ENC 2160  Introduction to Nature Writing (3)
ENC 3250  Professional Writing (3)
ENC 3310  Expository Writing (3)
ENC 4930  Selected Topics in Writing (3)
JOU 3101  Introduction to Journalism (3)
FIL 3100  Scriptwriting (3)

ECONOMICS MINOR  (18 HRS)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/undergrad/
ECO 2013  Principles of Macroeconomics (3)
ECO 2023  Principles of Micro Economics (3)
ECO 3101  Intermediate Price Theory (3)
ECO 3203  Intermediate Macroeconomics (3)
Additional 6 hours of approved upper division (3-4000 level) economics (ECP or ECO) electives selected in consultation with a college advisor.

EDUCATION MINOR  (18 HRS)
College of Education
Web Address: www.fgcu.edu/coe/
EDF 4424  Measurement and Evaluation in the Classroom (3)
EDG 4343  Instructional Strategies (3) *
RED 4344  Methods of Teaching Reading (3)
EDF 3251  Classroom Management & Organization (3)
EDF 3011  Student Development & Learning (3)
*Should be completed before taking a methods course
Select one of the following:
TSL 4340  Methods, C & I, Effectiveness (3)
(Elem. Ed)
EEX 4050  Theories & Pract. In Spec. Ed. (3)
EEC 4030  Coll. Exp. For Young Child. (3)
LAE 3335  Lang. Arts Methods 6 – 12 (3)
SCE 3330  Science Methods 6 – 12 (3)
MAE 4152  Math Methods 6 – 12 (3)
SSE 4153  Social Science Methods 6 – 12 (3)

ENGLISH MINOR  (15 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
Complete any combination of 15 hours at the 3000-4000 level from the following prefixes: AML, CRW, ENC, ENL, LIN, and LIT.

ENVIRONMENTAL ENGINEERING MINOR  (15 HRS)
U.A. Whitaker School of Engineering
Web Address: http://www.fgcu.edu/cob/eng/
EES 3204C  Environ Chm for Engineers (3)
ENV 3006C  Fundamentals of Environ Engrg (3)
Select two of the following (6 hr):
ENV 4341  Solid & Hazardous Waste Management
ENV 4417  Water & Wastewater Treatment
ENV 4101  Atmospheric Pollution
ENV 4612C  Sustainability in Engineering
Select one of the following (3-4 hr):
EVS 4814  Environmental Toxicology (3)
MCB 3652C  Environmental Microbiology (4)

GENDER STUDIES MINOR  (15 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas
Required courses:
BSC 2026  Human Sexuality (3)
SYG 2220  Introduction to Gender Studies (3)
Complete one of the following:
AML 4624  Literature by Women of Color (3)
COM 3014  Communications and Gender (3)
LIT 3301  Cultural Studies and Popular Arts (3)
LIT 4493  Politics and Literature (3)
LIT 4853  Topics in Cultural Critique (3)
SPT 3523  Women Writers of Latin Amer.(3)
THE 2430  Perform. Arts-Culturally Diverse Society (3)
Complete one of the following:
CCJ 4681  Domestic Violence (3)
INR 4075  International Human Rights (3)
POS 4072  Women in Politics and Government (3)
SOW 4194  Inter-relational Violence (3)
SYD 3800  Soc. of Sex Roles and Gender (3)
SYO 3120  The Family (3)
SYO 3530  Social Stratification (3)
SYO 4130  Comparative Family Systems (3)
WOH 3221  Women and Gender in World History (3)
Complete one additional course at the 3000-4000 level from above:

FGCU Minors
## GLOBAL STUDIES MINOR (15 HRS)

**College of Arts & Sciences**  
**Web Address:** [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

Complete one of the following:
- INR 2015 Global Studies (3)
- INR 3002 Intro. to Internat’l Relations (3)
- SYG 2010 Social Problems (3)

Complete two from the following:
- CPO 4057 Politics and Violence (3)
- *INR 3002 Intro to International Relations (3)
- INR 4303 American Foreign Policy (3)
- INR 4703 Internat’l Political Economy (3)
- INR 4926 Model UN Practicum (3)
- PUP 4206 Internat’l Environ. Policy (3)
- PUP 4013 Comparative Social Policy (3)
- SYD 4020 Global Population (3)

Complete two from the following:
- Regional and Global Environments
  - AFS 3251 African Environments (3)
  - ASN 3412 Asian Environments (3)
  - ISC 3145 Global Systems (3)
  - LAS 3007 Latin American Environments (3)
  - LAS 3022 Caribbean Environments (3)

**Area Studies**
- AFA 4150 Africa and the United States (3)
- AML 4703 Immigrant Exper. in Am. Lit. (3)
- ASH 3404 Modern China (3)
- ASH 4442 History of Modern Japan (3)
- CPO 3303 Latin Amer. Politics & Society (3)
- CPO 4375 Politics of the Caribbean & Central Amer. (3)
- LAH 3200 Modern Latin America (3)
- LAH 3300 The Americas (3)
- LAH 3430 History of Mexico (3)
- LAH 3470 History of the Caribbean (3)
- LAS 3004 The Americas (3)
- LIT 4353 Ethnic Studies (3)
- SYD 3630 Latin Amer. Social Structures (3)
- SYD 3631 Caribbean Social Structures (3)

Or additional courses as approved by academic advisor.

*Note: If INR 3002 is taken in the first menu, then it may not be used to meet the requirements of the second menu.*

## HISTORY MINOR (18 HRS)

**College of Arts & Sciences**  
**Web Address:** [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

Complete one of the following:
- AMH 2010 US History to 1877 (3)
- AMH 2020 US History Since 1877 (3)
- WOH 1023 World Civilization 1500-1815 (3)
- WOH 1030 World Civilization Since 1815 (3)

Complete five courses (15 hours) at the 3000-4000 level from the following prefixes: AFH, AMH, ASH, EUH, HIS, LAH or WOH.

## INTERDISCIPLINARY STUDIES MINOR (15 HRS)

**College of Arts & Sciences**  
**Web Address:** [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

- IDS 3300 Foundations of Civic Engagement (3)
- IDS 3301 Issues in Culture and Society (3)
- IDS 3303 Issues in Science and Technology (3)
- IDS 3920 University Colloquium (3)
- IDS 4910 Integrated Core Senior Seminar (3)

## JOURNALISM MINOR (15 HRS)

**College of Arts & Sciences**  
**Web Address:** [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

- MMC 2xxx Journalism & Society (3)
- MMC 3xxx Writing, Grammar and Style (3)
- MMC 4xxx Media Laws and Ethics (3)
- VIC 3xxx Media Design (3)

One of the following:
- JOU 3101 Journalism (3)
- JOU 3xxx News Reporting and Writing (3)

## LATIN AMERICAN STUDIES MINOR (18 HRS)

**College of Arts & Sciences**  
**Web Address:** [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

**LAS 2000 Intro to Latin American Studies (3)**  
Complete one of the following:
- LAH 3130 Colonial Latin America (3)
- LAH 3200 History of Mod Latin America (3)

Complete four of the following:
- AML 4630 Latino Literature (3)
- LAH 3300 The Americas (3)
- LAH 3430 History of Mexico (3)
- LAS 3007 Latin American Environments (3)
- SPN 3202 Survey of Latin-American Lit (3)
- SPN 3520 Latin Amer Cult & Civil I (3)
- SPN 4537 Spec Top in Afro-Hisp Cult (3)
- SPN 4538 Cult Exp of Indig People in LA (3)
- SPN 4910 Directed Independent Research
- SPT 3532 Hispanic Cinema (3)
- SPT 3523 Women Writers of Latin Am (3)
- SYD 3630 Latin Amer Social Structures (3)

## MANAGEMENT MINOR (18 HRS)

**Lutgert College of Business**  
**Web Address:** [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)

- CGS 1100 Introduction to Computers (3)
- MAN 3025 Contemporary Mgt Concepts (3)
- MAN 3301 Human Resource Management (3)
- MAN 4120 Leadership & Group Dynamics (3)

Additional 3 hours of approved upper division (3-4000 level) business electives selected in consultation with a college advisor.

## MARKETING MINOR (18 HRS)

**Lutgert College of Business**  
**Web Address:** [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)

- ADV 3008 Principles of Advertising (3)
- MAR 3023 Introduction to Marketing (3)
- MAR 3400 Professional Selling (3)
- MAR 3503 Consumer Behavior (3)

Additional 6 hours of approved upper division (3-4000 level) marketing (MAR) or advertising (ADV) electives selected in consultation with a college advisor.

## MATHEMATICS MINOR (24-26 HRS)

**College of Arts & Sciences**  
**Web Address:** [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

- MAC 2311 Calculus I (4)
- MAC 2312 Calculus II (4)
- MAC 2313 Calculus III (4)
- MHS 2106 Mathematical Foundations (3)

Complete one of the following:
- MAP 2302 Differential Equations (3)
- MAS 3105 Linear Algebra (3)
Complete two courses from the following:
- IDS 3303 Issues in Science and Tech (3)
- MAA any 3000-4000 level course (3-4)
- MAD any 3000-4000 level course (3-4)
- MAP any 3000-4000 level course (3-4)
- MAS any 3000-4000 level course (3-4)
- MAT 4930 Special Topics (3)
- MHH 4404 History of Math (3)
- STA 4234 Intro to Regression Analysis (3)

Transfer coursework deemed equivalent to the calculus sequence may be substituted for all or part of MAC 2311-2312-2313. Specialized courses in calculus for business, architecture, or life sciences, regardless of when or where taken, are not considered equivalent to MAC 2311, 2312, and/or 2313. Determinations of equivalence will be made by the mathematics faculty on a case-by-case basis. The statewide articulation agreement only requires the receiving institution to accept MAC 2311, 2312, and 2313 as a completed sequence. Awarding equivalence for partial completion of the sequence is at the discretion of the receiving institution.

**MUSIC MINOR (20-21 HRS)**

College of Arts & Sciences

Web Address: www.fgcu.edu/cas

- MUT 1111 Music Theory (3)
- MUT 1112 Music Theory II (3)
- MUT 1241 Sight Singing and Ear Training I (1)
- MUT 1242 Sight Singing and Ear Training II (1)
- MVK 1111 Class Piano I (1) *
- MVx 1xxx Freshman Applied Music (2)
- MVx 2xxx Sophomore Applied Music (2) **
- MVx 3xxx Junior Applied Music (2) **
- MUN 1xxx Music Ensemble (2)
- MUN 3xxx Music ensemble (2)

Select three hours from the following:
- MVx 3xxx-4xxx upper level applied music (1-4)
- MUH 3xxx Music History I (3)
- MUH 3xxx Music History II (3)
- MUN 3xxx Upper Level Ensemble (1-4)

*Students may be exempt based on performance on the piano placement exam.
** Applied Music Study must occur in five separate semesters, including one at the upper level.

Required Theory and Sight Singing courses may be exempted by obtaining an equivalency through a Music Placement Test offered by the Music Program. Determinations of equivalency will be made by the program faculty on the basis of the test. Students can then select from the following to complete the remaining 4-8 hours:
- MVX 3xxx or 4xxx Upper Level Applied Music (1-4)
- MUH 3xxx or 4xxx Music History I and/or II (3-6)
- MUN 3xxx Music Ensemble (1-2)

**PHILOSOPHY MINOR (15 HRS)**

College of Arts & Sciences

Web Address: www.fgcu.edu/cas

Complete five courses from the following:
- PHI 2000 Introduction to Philosophy (3)
- Any 3xxx-4xxx level course with the prefixes PHH, PHI or PHM

A student has the option of counting one course from the following list:
- LIT 4213 Literary Theory (3)
- EVR 3020 Environmental Philosophies (3)
- MAN 2062 Ethical Issues (3)
- POT 3003 Political Theory (3)

---

**POLITICAL SCIENCE MINOR (18 HRS)**

College of Professional Studies

Web Address: http://cps.fgcu.edu/

Complete one of the following:
- INR 2015 Global Studies (3)
- POS 2041 American National Government (3)
- POS 2112 State & Local Government & Politics (3)

Complete each of the following:
- INR 3002 Theories of International Relations (3)
- POS 3043 American Political Institutions (3)
- PUP 4004 Policymaking & Administration (3)

Complete two additional courses (6 hours) at the 3000-4000 level from the following prefixes: CPO, INR, POS, POT, or PUP.

**PSYCHOLOGY MINOR (18 HRS)**

College of Arts & Sciences

Web Address: www.fgcu.edu/cas

- PSY 2012 General Psychology (3)
- PSY 3017 Experimental Psychology (3)

Complete one of the following:
- CLP 4143 Abnormal Psychology (3)
- DEP 4054 Developmental Psychology (3)
- SOP 4004 Social Psychology (3)

Complete one of the following:
- EXP 4404 Psychology of Learning (3)
- EXP 4604 Human Memory and Cognition (3)
- PSB 4002 Physiological Psychology (3)

Complete two additional courses (6 hours) at the 3000-4000 level from the following prefixes: CBH, CLP, DEP, EXP, INP, PPE, PSB, PSY, or SOP.

**REAL ESTATE MINOR (18 HRS)**

Lutgert College of Business

Web Address: www.fgcu.edu/cob/undergrad/

- REE 3043 Real Estate Fundamentals (3)
- REE 3103 Valuation of Real Property
- REE 3303 Real Estate Investment Decisions (3)
- ECP 3613 Urban Economics (3)

Additional 3 hours of approved upper division (3000-4000 level) business elective selected in consultation with a college advisor.

**RELIGIOUS STUDIES MINOR (18 HRS)**

College of Arts & Sciences

Web Address: www.fgcu.edu/cas

Complete 18 hours from the following:
- Any REL 3xxx-4xxx (3)
- ANT 4241 Magic and Religion (3)
- ASH 3323* Modern South Asia (3)
- ASH 3404* Modern China (3)
- EUH 3142 Renaissance and Reformation (3)
- EUH 3241 The Holocaust (3)
- IDS 3197 Reflecting on the Holocaust (3)
- LIT 3411 Religion and Literature (3)
- PHH 3103* Ancient Greece (3)
- PHH 4450* Hume, Kant, Rousseau (3)
- PHI 3720 Faith and Reason (3)
- PHP 3786* Existentialism (3)
- WHO 2000 The Islamic World (3)

* Only one of these courses may be selected.
## SOCIOLOGY MINOR  (18 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SYA 3010</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SYA 3300</td>
<td>Social Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SYA 4654</td>
<td>Program Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Complete two additional courses (6 hours) from 3000-4000 level in SYA, SYD, SYG, SYO, or SYP. Only one course from each prefix may be selected.

## SOFTWARE ENGINEERING MINOR  (15 HRS)
U.A. Whitaker School of Engineering
Web Address: www.fgcu.edu/cob/eng

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 2006</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>COP 2001</td>
<td>Programming Methodology</td>
<td>3</td>
</tr>
<tr>
<td>COP 2532</td>
<td>Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>COP 3003</td>
<td>Object-Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CEN 3031</td>
<td>Software Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

## SOUTHWEST FLORIDA STUDIES MINOR  (18 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4428</td>
<td>Southwest Florida History</td>
<td>3</td>
</tr>
<tr>
<td>BSC 1051C</td>
<td>Environ Bio-SW Florida</td>
<td>3</td>
</tr>
<tr>
<td>SYD 3625</td>
<td>S Florida Sociocultural Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Complete three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 3421</td>
<td>Early Florida</td>
<td>3</td>
</tr>
<tr>
<td>AMH 3423</td>
<td>Modern Florida</td>
<td>3</td>
</tr>
<tr>
<td>AML 4265</td>
<td>Florida Writers</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3312</td>
<td>Native American Cultures</td>
<td>3</td>
</tr>
<tr>
<td>SYD 3440</td>
<td>Rural Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

## SPANISH MINOR  (21-22 HRS)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 1100</td>
<td>Beginning Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPN 1100L</td>
<td>Beginning Spanish I Lab</td>
<td>3</td>
</tr>
<tr>
<td>SPN 1101</td>
<td>Beginning Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPN 1101L</td>
<td>Beginning Spanish II Lab</td>
<td>3</td>
</tr>
<tr>
<td>SPN 2200</td>
<td>Intermediate Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPN 2200L</td>
<td>Intermediate Spanish I Lab</td>
<td>1</td>
</tr>
<tr>
<td>SPN 2201</td>
<td>Intermediate Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPN 2201L</td>
<td>Intermediate Spanish II Lab</td>
<td>1</td>
</tr>
<tr>
<td>SPN 3300</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPN 3411</td>
<td>Advanced Oral Expression</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Beginning and Intermediate courses (and their labs) can be exempted by obtaining an equivalency through a Spanish Placement Test offered by the Spanish Program. Determinations of equivalency will be made by the program faculty on the basis of this test. Students can then satisfy the minor by completing the required coursework from the following list or other courses, chosen with the approval of a program advisor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 3400</td>
<td>Conversation &amp; Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPN 3500</td>
<td>Spanish Civilization &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPN 3520</td>
<td>Latin Amer. Civ. &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPT 4800</td>
<td>Translation Skills I</td>
<td>3</td>
</tr>
<tr>
<td>SPT 4801</td>
<td>Professional Translation</td>
<td>3</td>
</tr>
<tr>
<td>SPT 4806</td>
<td>Oral Skills for Interpreters</td>
<td>3</td>
</tr>
<tr>
<td>SPW 4930</td>
<td>Selected Topics</td>
<td>1-3</td>
</tr>
</tbody>
</table>
FGCU GRADUATE MAJORS AND DEGREE PROGRAMS 2008-2009

Accounting and Taxation (M.S.)
Acute Care Nurse Practitioner (M.S.N.)
Business Administration (M.B.A.)
  Finance Concentration
  General Management Concentration
  Information Systems Concentration
  Interdisciplinary Concentration
  Marketing Concentration
Business Administration (Executive M.B.A.)
  General Management Concentration
  Health Care Management Concentration
  Real Estate Development and Finance Concentration
Computer Information Systems (M.S.)
Counseling (M.A.)
  Mental Health Counseling Concentration
Counseling (M.A. or M.Ed.)
  School Counseling Concentration
Criminal Forensic Studies (M.S.)
  Forensic Behavioral Analyst Concentration
  Death Investigator Concentration
Criminal Justice (M.S.)
Curriculum & Instruction (M.Ed.)
Curriculum & Instruction – Educational Technology (M.A. or M.Ed.)
Curriculum & Instruction - English Education (M.Ed.)
Education (Ed.S.)
  Curriculum & Instruction Concentration
  Educational Leadership Concentration
Educational Leadership (M.A.)
Educational Leadership (M.Ed.)
Elementary Education (M.Ed.)
English (M.A.)
Environmental Science (M.S.)
Health Science (M.S.)
  Health Professions Education Concentration
  Health Services Administration Concentration
History (M.A.)
Nurse Anesthesia (M.S.N.)
Nursing (M.S.N.)
  Clinical Nurse Leader Concentration
  Nurse Educator Concentration
Occupational Therapy (M.S.)
Physical Therapy (D.P.T.)
Primary Health Care Nurse Practitioner (M.S.N.)
  Family Nurse Practitioner Concentration
  Adult Nurse Practitioner Concentration
Public Administration (M.P.A.)
  General Public Administration Concentration
  Management Concentration
  Environmental Policy Concentration
Reading (M.Ed.)
Social Work (M.S.W.)
Special Education (M.Ed.)
ACCOUNTING AND TAXATION (M.S.)
Lutgert College of Business
Department of Accounting and Finance
Web Address: www.fgcu.edu/cob/grad/
Catalog Year 2008-2009

Admission Requirements
- A four year undergraduate degree from an accredited institution.
- Official copies of all academic transcripts and Graduate Management Admission Test (GMAT) scores.
- A minimum TOEFL score of 550 paper-based, 213 computer-based, or 79 internet-based for international students from countries where English is not the primary language.
- One of the following:
  - A minimum grade point average of 3.0 (4.0 scale) for coursework at the 3000 level and above applied to the baccalaureate degree.
  - A score of 500 or higher on the GMAT.
- Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
- Complete 18 credit hours of upper division (3-4000 level) accounting courses and 27 credit hours of general business courses with at least 12 hours at the upper division (3-4000 level). See college advisor for a list of approved courses.

Application deadlines are June 1 for fall and November 1 for spring semesters. Prior to admission to a graduate program, students may complete a maximum of nine credit hours of graduate level courses on a non degree-seeking basis.

Degree Requirements
1. Track Requirements (18 hrs)
   (Note: Tracks are not listed on the transcript. Select one track and complete the required coursework.)
   A. Accounting Track
      Students select a minimum of two accounting (ACG) courses and at least one tax (TAX) course from the list of core courses below. One course must be an international course.

   B. Tax Track
      Students select the two tax (TAX) courses and at least one accounting (ACG) course from the list of core courses below. One course must be an international course.

Core Courses for Tracks*
ACG 6135 Accounting Theory (3)
ACG 6255 International Accounting (3)
ACG 6405 Adv Accounting Information Systems (3)
TAX 6045 Tax Research & Planning (3)
TAX 6525 International Tax Issues (3)

Accounting and Tax Electives for Tracks*
After the selection of three or more Core courses, the balance of the 18 credit hours required must be selected from the following courses:
ACG 5655 Independent Audit II (3)
ACG 6205 Acctg for Complex Organizations (3)
ACG 6905 Directed Study in Accounting (3)
ACG 6935 Special Topics in Accounting (3)
TAX 6015 Corporate Tax Issues (3)
TAX 6205 Flow Through Entities (3)
TAX 6405 Estate & Gift Tax Issues (3)
TAX 6877 Special Topics in Taxation (3)

*Core courses plus Accounting and Tax Electives must total at least 18 hours.

2. Restricted Electives (12 hrs)
   Students must complete 12 credit hours of approved graduate level business courses outside the areas of accounting and taxation. At least two, but not more than three courses must be from the same area. See college advisor for approval.

TOTAL SEMESTER HOURS REQUIRED  30 HRS

Additional Graduation Requirements
- Complete a minimum of 30 credit hours.
- Earn a cumulative GPA of 3.0 for all coursework in the program.
- Satisfy all degree requirements within seven years from the time of admission to the program.

Transfer Notes
A maximum of 6 credit hours of approved coursework may be transferred from a regionally accredited institution. All transfer courses must have been completed within the last five years with a grade of B or higher and are subject to the approval of the Graduate Program Coordinator.

ACUTE CARE NURSE PRACTITIONER (M.S.N.)
College of Health Professions
School of Nursing
Web Address: http://www.fgcu.edu/chp/nursing/acute.html
Catalog Year 2008-2009

Program Accreditation
The Master of Science in Nursing (M.S.N.) program is accredited by the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle, NW, Washington, DC 20036-1120; telephone number 202-887-6791).

Admission Process
The School of Nursing has a selective, competitive admission process. Not all qualified applicants may be admitted to the program.

Admission Requirements
1) Submit a FGCU graduate application and satisfy all applicable university admission requirements.
2) Provide an official academic transcript showing the award of a BSN or BS degree in a related field of science.
3) Provide Graduate Record Exam (GRE) scores, taken within last five years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical score must also be reported; or the Miller’s Analog Test (MAT) score of 400 or above, taken within last five years.
4) Earn a cumulative GPA of 3.0 or higher on a 4.0 scale.
5) Complete following with a grade of C or above:
   a. Statistics course.
   b. Health assessment course.
6) Provide evidence of current and unrestricted registration as a registered nurse with legibility for Florida RN licensure.
7) Provide evidence of a minimum one year of current acute care experience.
8) Submit a current resume and statement of career goals.
9) For applicants who have attended, but not completed another MSN program, provide a letter of support from the dean of the school of nursing (or designee) that ad-
Applicants must also provide a waiver granting the Graduate Admission and Progression Committee permission to contact the program(s) attended to verify information.

Degree Requirements

1. Required Courses in the Major (48 hrs)
   - NGR 6002C Health Appraisal and Interpretation (4)
   - NGR 6031C Advanced Assessment and Monitoring (2)
   - NGR 6140 Advanced Anatomy, Physiology & Pathophysiology I (4)
   - NGR 6143 Advanced Anatomy, Physiology & Pathophysiology IV (1)
   - NGR 6149 Advanced Anatomy, Physiology & Pathophysiology III (1)
   - NGR 6165 Advanced Anatomy, Physiology & Pathophysiology II (4)
   - NGR 6173 Pharmacology II (3)
   - NGR 6174 Pharmacology I (3)
   - NGR 6195 Global Trends & Practice Perspectives (3)
   - NGR 6210C Acute Care Practice I (2)
   - NGR 6211C Acute Care Practice II (5)
   - NGR 6213C Acute Care Practice III (4)
   - NGR 6214C Acute Care Practice IV (6)
   - NGR 6740 Concepts & Roles in Advanced Nursing (3)
   - NGR 6811 Scholarly Inquiry for Evidence Based Practice (3)

TOTAL SEMESTER HOURS REQUIRED 48 HRS

Progression Standards
Maintain an overall academic GPA of at least a 3.0 in all course work attempted in the master's program. A grade of less than B in more than one course will result in dismissal.

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Earn a minimum of 30 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.

BUSINESS ADMINISTRATION (M.B.A.)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/
Catalog Year 2008-2009

Admission Requirements
- A four year undergraduate degree from an accredited institution.
- Official copies of undergraduate transcripts and Graduate Management Admission Test (GMAT) scores.
- A minimum TOEFL score of 550 paper-based, 213 computer-based, or 79 internet-based for international students from countries where English is not the primary language.
- One of the following:
  - A minimum grade point average of 3.0 (4.0 scale) for coursework at the 3000 level and above applied to the baccalaureate degree.
  - A score of 500 or higher on the GMAT.
- Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
- Proficiency in basic computer technology.

Application deadlines are June 1 for fall and November 1 for spring semesters. Prior to admission to a graduate program, students may complete a maximum of 9 credit hours of graduate level courses on a non degree-seeking basis.

Degree Requirements

1. Foundation Courses (24 hrs)
   - ACG 6025 Acctg Fundamentals for Managers (3)
   - ECO 5005 Foundations of Economics (3)
   - FIN 5405 Foundations of Business Finance (3)
   - ISM 6021 Management Information Systems (3)
   - MAN 6055 Contemporary Mgt Concepts (3)
   - MAR 6815 Marketing Management (3)
   - QMB 6305 Statistical Methods for Mgt (3)
   - QMB 6603 Quantitative Methods in Business (3)

2. Core Courses (21 hrs)
   - ACG 6075 Managerial Accounting (3)
   - FIN 6406 Financial Management (3)
   - MAN 6266 The Challenge of Leadership (3)
   - MAN 6501 Operations Management (3)
   - MAN 6607 Global Organizational Issues (3)
   - MAR 6807 Advanced Marketing Analysis & Strategy (3)
   - GEB 6895 Business Strategy (capstone) (3)

3. Concentration Requirements (9 hrs)
   Select one of the following concentrations:
   - A. Finance Concentration
     - FIN 6246 Money & Capital Markets (3)
     - FIN 6515 Analysis of Investments (3)
     - FIN 6525 Portfolio Management (3)
     - See college advisor for approval of additional FIN and REE courses.
   - B. General Management Concentration
     - MAN 6289 Org Development & Change (3)
     - MAN 6305 Human Resource Management (3)
     - Plus 3 hours of approved electives in management
     - See college advisor for a list of approved courses.
   - C. Information Systems Concentration
     - Select three courses from the following:
       - ISM 5405 Business Intelligence (3)
       - ISM 6045 Implications of IT (3)
       - ISM 6121 Info Requirements Analysis (3)
       - ISM 6155 Enterprise Systems (3)
       - ISM 6231 IT Infrastructures & Networks (3)
       - ISM 6316 Project Management & Quality Assurance (3)
       - See college advisor for approval of additional ISM courses.
   - D. Interdisciplinary Concentration*
     - In consultation with the college advisor, students may select 9 hours of electives from two or more disciplines in business.
   - E. Marketing Concentration
     - MAR 6158 International Marketing (3)
     - Plus 6 hours of approved electives in marketing
     - See college advisor for a list of approved courses.

*Note: The MBA program with an Interdisciplinary concentration is available by distance education. See college advisor for additional information.

TOTAL SEMESTER HOURS REQUIRED 54 HRS

Additional Graduation Requirements
- Complete a minimum of 30 credit hours. Note: A maximum of 24 credit hours of Foundation courses may
be waived by equivalent undergraduate or graduate courses completed at a regionally accredited institution within the last 5 years with a grade of C or higher. Without waivers, the program length is 54 credit hours.

- Earn a cumulative GPA of 3.0 for all coursework in the program.
- Satisfy all degree requirements within 7 years from the time of admission to the program.

Transfer Notes
A maximum of 6 credit hours of approved coursework may be transferred from a regionally accredited institution. All transfer courses must have been completed within the last 5 years with a grade of B or higher and are subject to the approval of the Graduate Program Coordinator.

BUSINESS ADMINISTRATION
(EXECUTIVE M.B.A.)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/grad/
Catalog Year 2008-2009

Admission Requirements
- A four year undergraduate degree from an accredited institution.
- Official copies of undergraduate transcripts and Graduate Management Admission Test (GMAT) scores.
- A minimum TOEFL score of 550 paper-based, 213 computer-based, or 79 internet-based for international students from countries where English is not the primary language.
- One of the following:
  - A minimum grade point average of 3.0 (4.0 scale) for coursework at the 3000 level and above applied to the baccalaureate degree.
  - A score of 500 or higher on the GMAT.
  - Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
- A resume or biographical information documenting five or more years of experience in significant levels of organizational or managerial responsibilities.
- Letters of endorsement.
- An interview with the program director.
- Proficiency in basic computer technology.
- Students without prior academic preparation in the areas of economics, management, and marketing may be required to complete a maximum of three non-credit modules prior to matriculation.
- Application deadline is May 1 for fall admission.

Degree Requirements
1. Core Courses (27 hrs)
   - ECP 6705 Managerial Economics (3)
   - FIN 5405 Foundations of Business Finance (3)
   - QMB 6305 Statistical Methods for Mgt (3)
   - ACG 6075 Managerial Accounting (3)
   - FIN 6406 Financial Management (3)
   - MAN 6266 The Challenge of Leadership (3)
   - MAN 6607 Global Organizational Issues (3)
   - MAR 6807 Advanced Marketing Analysis & Strategy (3)
   - GEB 6895 Business Strategy (capstone) (3)

2. Concentration Requirements (9 hrs)
   Select one of the following concentrations:
   - General Management Concentration
     - GEB 6445 Business, Ethics & Society (3)
   - Health Care Management Concentration
     - IHS 6112 Legal & Ethical Aspects of Health Care (3)
     - HSA 5115 Health Services Mgmt. & Operations (3)
     - HSA 6520 Managerial Epidemiology (3)
   - Real Estate Development and Finance Concentration
     - ECP 6642 Real Estate Economics (3)
     - REE 6435 Real Estate Law (3)
     - REE 6735 Land Acquisition, Subdividing & Develop (3)

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements
- Complete a minimum of 36 credit hours.
- Earn a cumulative GPA of 3.0 for all coursework in the program.
- Participate in an international study experience.
- Satisfy all degree requirements within 7 years from the time of admission to the program.

COMPUTER INFORMATION SYSTEMS (M.S.)
Lutgert College of Business
Department of Computer Information Systems and Decision Sciences
Web Address: www.fgcu.edu/cob/
Catalog Year 2008-2009

Admission Requirements
- A four year undergraduate degree from an accredited institution.
- Official copies of undergraduate transcripts and Graduate Management Admission Test (GMAT) scores.
- A minimum TOEFL score of 550 paper-based, 213 computer-based, or 79 internet-based for international students from countries where English is not the primary language.
- One of the following:
  - A minimum grade point average of 3.0 (4.0 scale) for coursework at the 3000 level and above applied to the baccalaureate degree.
  - A score of 500 or higher on the GMAT.
  - Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
- Complete the following undergraduate prerequisite courses or equivalent:
  - Introductory Programming Language (ISM 3230)
  - Database Concepts & Administration (ISM 3212)
- Application deadlines are June 1 for fall and November 1 for spring semesters. Prior to admission to a graduate program, students may complete a maximum of 9 credit hours of graduate level courses on a non degree-seeking basis.

Degree Requirements
1. Business Foundation Courses (21 hrs)
   - ACG 6025 Acctg Fundamentals for Managers (3)
   - ECO 5005 Foundations of Economics (3)
   - FIN 5405 Foundations of Business Finance (3)
   - ISM 6021 Management Information Systems (3)
   - MAN 6055 Contemporary Mgt Concepts (3)
   - MAR 6815 Marketing Management (3)
   - QMB 6305 Statistical Methods for Mgt (3)
2. Information Systems Core Courses (18 hrs)
ISM 6121 Info Requirements Analysis (3)
ISM 6155 Enterprise Systems (3)
ISM 6217 Data Management (3)
ISM 6231 IT Infrastructures & Networks (3)
ISM 6316 Project Management & Quality Assurance (3)
ISM 6488 IT Function & Infrastructure (3)

3. Restricted Electives (12 hrs)
Select 12 credit hours from the following courses:

ISM 5405 Business Intelligence (3)
ISM 5910 Directed Independent Studies (3)
ISM 5930 Topics in Computer Info Systems (3)
ISM 6045 Implications of IT (3)
ISM 6239 Adv Application Development (3)
ISM 6946 Practicum in CIS (3)
ACG 6075 Managerial Accounting (3)
FIN 6406 Financial Management (3)
FIN 6478 Financial Mgt for Entrepreneurs (3)
MAN 6266 The Challenge of Leadership (3)
MAN 6289 Org Development & Change (3)
MAN 6501 Operations Management (3)
MAN 6607 Global Organizational Issues (3)
MAR 6158 International Marketing (3)
QMB 6603 Quantitative Methods in Business (3)

See college advisor for approval of additional elective courses.

TOTAL SEMESTER HOURS REQUIRED 51 HRS

Additional Graduation Requirements
• Complete a minimum of 30 credit hours. Note: A maximum of 21 credit hours of Business Foundation courses may be waived by equivalent undergraduate or graduate courses completed at a regionally accredited institution within the last 5 years with a grade of C or higher. Without waivers, the program length is 51 credit hours.
• Earn a cumulative GPA of 3.0 for all coursework in the program.
• Satisfy all degree requirements within 7 years from the time of admission to the program.

Transfer Notes
A maximum of 6 credit hours of approved coursework may be transferred from a regionally accredited institution. All transfer courses must have been completed within the last 5 years with a grade of B or higher and are subject to the approval of the Graduate Program Coordinator.

COUNSELING (M.A.)
• Mental Health Counseling Concentration

College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
• Performance in graduate courses will be taken into consideration by the Counseling Faculty.
• Submission of three favorable recommendations from professionals in the field.
• Submission of a written statement of career goals.
• Participation in a personal interview, if requested by admissions committee.
• Counseling Criminal Record Policy Statement: All applicants are advised that in order to complete the program, they must complete internships. Most internship facilities do background checks and will not permit the placement of counselor interns with criminal records. The Department reserves the right to deny program admission to any applicant if it appears that applicant is unlikely to be able to complete the internship requirement due to a criminal record, thus inhibiting their ability to complete the program.

Degree Requirements
MHS 6021 Introduction to Community Mental Health (3)
MHS 6482 Lifespan Development (3)
MHS 6070 Mental Disorders (3)
MHS 6200 Appraisal Procedures (3)
MHS 6340 Career Development (3)
MHS 6404 Introduction to Counseling Theory and Technique (3)
MHS 6405 Advanced Counseling Theory (3)
MHS 6428 Cross-Cultural Counseling (3)
MHS 6450 Issues in Addictions and Abuse (3)
MHS 6470 Human Sexuality (3)
MHS 6500 Intro to Group Dynamics (3)
MHS 6621 Organizations, Administration, and Supervision (3)
MHS 6710 Research & Program Evaluation (3)
MHS 6700 Legal & Ethical issues for the Counseling Profession (3)
MHS 6800 Practicum in Counseling (2)
MHS 6805 Advanced Practicum in Counseling (3)
MHS 6811 Clinical Internship I (2)
MHS 6882 Clinical Internship II (2)
MHS 6883 Clinical Internship III (3)
MHS 6888 Clinical Internship and Professional Development Seminar in Mental Health Counseling (4)
MHS 6886 Clinical Internship V (2)

TOTAL SEMESTER HOURS REQUIRED 60 HRS

Additional Graduation Requirements
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 or higher for all coursework in program.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)

Transfer Notes
The College of Education limits the transfer of coursework
Admission requirements into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

COUNSELING (M.A. OR M.ED.)
• School Counseling Concentration

College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information). Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
• Submission of three favorable recommendations from professionals in the field.
• Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.
• As students entering a Florida-approved initial certification program, School Counseling applicants must adhere to state regulations for admittance. Those students seeking admittance to the initial certification program must have passed the General Knowledge section of the Florida Teachers Certification Exam (FTCE) unless they present passing scores for all subsets of the CLAST taken prior to July 1, 2002. (Applicants may substitute a score of 1000 or higher on the GRE for the General Knowledge section of the FTCE for admission purposes.) However, all students must show evidence of passing all subsections of the FTCE, including General Knowledge, prior to graduation.
• Performance in courses taken post baccalaureate will be taken into consideration for admission to the School Counseling Program.
• Submission of a written statement of career goals.
• Participation in a personal interview, if requested by admissions committee.
• Counseling Criminal Record Policy Statement: All applicants are advised that in order to complete the program, they must complete internships. Most internship facilities do background checks and will not permit the placement of counselor interns with criminal records. The Department reserves the right to deny program admission to any applicant if it appears that applicant is unlikely to be able to complete the internship requirement due to a criminal record, thus inhibiting their ability to complete the program.

Degree Requirements for the M.Ed. (48 hrs)
Designed for school counselors who already hold or are eligible for a teaching certificate. Normally, students begin their studies in the spring semester.

Required courses:
- MHS 6010 Introduction to School Counseling (3)
- MHS 6481 Human Development for School Counselors (3)
- MHS 6200 Appraisal Procedures in Schools (3)
- MHS 6340 Career Development (3)
- MHS 6400 Counseling Theory for School Counselors (3)
- MHS 6401 Advanced School Counseling Methods (3)
- MHS 6530 Group Work for School Professionals (3)
- MHS 6601 Consultation & Collaboration Problem Solving (3)
- MHS 6605 Special Needs Counseling & Consultation (3)
- MHS 6700 Legal & Ethical Issues in the Counseling Profession (3)
- MHS 6710 Research & Program Evaluation (3)
- MHS 6720 Seminar in Professional Development and Supervision (1)
- MHS 6800 Practicum in Counseling (2)
- MHS 6805 Advanced Practicum in Counseling (3)
- MHS 6831 Internship I (2)
- MHS 6832 Internship II (3)
- SDS 6830 Internship in School Counseling (4)

Degree Requirements for the M.A. (57 hrs)
Designed for individuals without prior teaching certification who wish to become school counselors. This initial certification program includes additional coursework and begins in the fall semester.

In addition to the above required courses for the M.Ed. in Counseling, the following must be completed (usually taken in the fall semester but under advisement a student may elect to take two courses in fall and the remaining course in a subsequent semester):
- EDF 6259 Classroom Mgmt & Organization (3)
- EDG 4620 Curriculum and Instruction (3)
- RED 5147 Developmental Reading (3)

Note: Requires 15 hours of field observation in a school setting during the day.

TOTAL SEMESTER HOURS REQUIRED 48-57 HRS

Additional Graduation Requirements
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
• Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination
CRIMINAL FORENSIC STUDIES (M.S.)
College of Professional Studies
Division of Justice Studies
Web Address: http://cps.fgcu.edu/cj/index.html
Catalog Year 2008-2009

Admission Requirements

• Submit a completed FGCU Graduate Application.
• Submit a completed Immunization History Form.
• Provide evidence of a baccalaureate degree from an accredited institution of higher learning and supply one official transcript from each baccalaureate and/or graduate institution attended.
• Submit an official copy of the Graduate Record Exam (GRE) taken within the last five years with a combined quantitative and verbal score of 1100.
• Provide evidence of an undergraduate GPA of 3.0.
• Complete of the following undergraduate courses or equivalent:
  • ANT 3520 Forensic Anthropology
  • CCJ 3603 Forensic Psychology
  • CCJ 3670 Introduction to Criminalistics
  • CCJ 4674 Advanced Forensic Psychology
  • CJE 4641 Advanced Criminalistics
  • For international applicants for whom English is a second language, submit a score of 550 or higher on the Test of English as a Foreign Language (TOEFL).
• A criminal history through the Florida Department of Law Enforcement may be required for specific internships or elective work/study assignments.
• Special immunizations and screenings may be required for elective field work.
• Submit a completed Criminal Forensic Studies Supplemental Application Form including
• Three completed reference rating forms/letters of recommendation from persons qualified to judge the applicant’s academic and professional potential.
• A letter of Application/Statement of Career Goals, no more than two pages in length, which specifies the student’s area of concentration: (a) Forensic Behavior Analyst, or (b) Death Investigator (Criminalistics or Human Identity and Trauma Analysis). The letter should also briefly discuss the influences that led you to the section of FGCU’s M.S. in Criminal Forensic Studies program, career goals, relevant work and/or academic experience.

Degree Requirements

1. Required Courses in the Major Core (12 hrs)
   CCJ 6707 Advanced Quantitative Research Methods (3)
   CJE 6629 Master’s Integrative Project (6)
   CJL 6621 Criminal Evidence and Courtroom Testimony (3)

2. Electives in the Major (12 hrs)
   Select 6 hours from the following:
   CJE 6940 Crime Scene Investigation Practicum (6)
   CCJ 6941 Forensic Behavioral Analysis Practicum (6)
   CJE 6748 Human Identity Practicum (6)

   Select 6 hours from the following:
   CCJ 6770 Independent Research in Criminalistics (6)
   CCJ 6912 Independent Research in Forensic Behavioral Analysis (6)
   CJE 6749 Independent Research in Human Identity Analysis (6)

3. Concentration Requirements (18 hrs)
   Select one of the following concentrations:
   A. Forensic Behavioral Analyst Concentration
      CCJ 6606 Social Constructs of Crime (3)
      CCJ 6709 Advanced Qualitative Research Methods (3)
      CCJ 6711 Classical Theory & Current Research in Violent Behavior (3)
      PSB 6244 Neurobiological Bases of Behavior (3)

   B. Death Investigator Concentration
      CJE 6622 Crime Scene & Laboratory Mgmt. (3)
      CJE 6645 Medicolegal Death Investigation I (3)
      CJE 6646 Medicolegal Death Investigation II (3)

Plus 6 hours of electives from the following:*  
• The non-selected concentration.
• CCJ 6930 Special Topics in Criminal Forensic Studies.
• Courses outside of the Criminal Forensic Studies program, on a case-by-case basis, with prior approval of the faculty advisor.

*Students are not permitted to enroll in additional sections of Practicum, Independent Research, or Integrative Project.

TOTAL SEMESTER HOURS REQUIRED 42 HRS

CRIMINAL JUSTICE (M.S.)
College of Professional Studies
Division of Justice Studies
Web Address: http://cps.fgcu.edu/cj/
Catalog Year 2008-2009

Admission Requirements

• A baccalaureate degree from an accredited institution of higher learning.
• Completion of the Graduate Record Exam (GRE) within the last five years with a combined score of quantitative and verbal sections of 900.
• An undergraduate GPA of 3.0 (scale of 4.0).
• A score of 550 or higher on the Test of English as a Foreign Language (TOEFL) for international applicants whose first language is not English.

Degree Requirements

1. Required Courses in the Major Core (12 hrs)
   CCJ 6707 Advanced Quantitative Research Methods (3)
   CJE 6629 Master’s Integrative Project (6)
   CJL 6621 Criminal Evidence and Courtroom
Required Application Materials
• A completed FGCU Graduate Application.
• One official transcript from each baccalaureate and/or graduate institution attended.
• One official copy of test scores on the GRE.
• Three completed reference rating forms/letters of recommendation from persons qualified to judge the applicant’s academic and professional potential
• An immunization history form.
• Personal Aspiration Statement 300-500 words.
• Interview.

Degree Requirements
1. Required Core Courses (27 hrs)
   CCJ 5476 Seminar: Management and Administration of Justice (3)
   CCJ 5705 Research Methodology in Criminal Justice (3)
   CCJ 6061 Criminal Justice Theory (3)
   CCJ 6485 Criminal Justice Policy (3)
   CCJ 6657 Ethics in Criminal Justice Management (3)
   CJE 6168 Media and Community Relations for Criminal Justice Administrators (3)
   CJE 5320 Legal Aspects of Criminal Justice Management (3)
   PAD 6207 Public Budgeting (3)
   PAD 6417 Public Personnel Administration (3)

2. Additional Required Courses (9 hrs)
   A. Thesis Option
      CCJ 6741 Data Analysis in Criminal Justice (3)
      CCJ 6971 Thesis in Criminal Justice (3)
      XXX xxxx Restricted elective* (3)
   B. Integrated Project Option
      CCJ 6974 Project in Criminal Justice (3)
      XXX xxxx Restricted electives* (6)

3. Restricted Electives*
   Select from:
   CCJ 6407 Seminar in Law Enforcement (3)
   CCJ 6501 Juvenile Justice Policy (3)
   CCJ 6910 Directed Research Projects (3)
   CCJ 6935 Special Topics in Criminal Justice (3)
   CJC 6329 Correctional Organization & Admin. (3)
   CJL 5085 Comparative Criminal Justice Systems (3)

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements
• Apply for graduation by the deadline indicated in the University calendar.
• Earn a minimum of 36 credit hours as required in the degree program with a minimum of a 3.0 GPA on a 4.0 scale.
• A minimum of a 70% on the Core Comprehensive Examination.
• Successful completion of the Thesis or Integrated Project paper.

CURRICULUM AND INSTRUCTION (M.ED.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions.
• Submission of three favorable recommendations from professionals in the field.
• Professional certification or completion of certification coursework.

Degree Requirements
1. Required Courses in the Major (24 hrs)
   EDF 6215 Learning Principles Applied to Instruction (3)
   EDF 6481 Foundations of Educational Research (3)
   EDF 6606 Socio-Econ Foundations of Education (3)
   EDG 6038* Capstone Seminar (3)
   EDG 6627 Foundations of Curriculum & Instruction (3)
   EDG 6631 Instructional Strategies for Diverse Learners (3)
   EDG 6931 Special Topics in Education (3) (may be repeated one time for elective credit)
   EDG 6939 Seminar in Action Research (3)

   *Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the C & I program. Students should complete the capstone project in the final semester, after having completed the Seminar in Action Research.

2. Electives (12 hrs)
   Select one of the following:
   EME 6225 Methods of Integrating Tech: PK-8 (3)
   EME 6405 Methods of Integrating Tech: 6-12/Adult (3)
   Select 9 hours from the following:
   EDF 6259 Classroom Management (3)
   EDF 6432 Foundations of Measurement (3)
   EDG 6931 Special Topics in Education (3)
   LAE 5295 Writing Workshop I (National Writing Project Summer Institute)
   LAE 6325** Language Arts Methods 6-12 (3)
   LAE 6337 Reading and Writing in the Content Areas (3)
   MAE 6336** Math Methods 6-12 (3)
   RED 5147L Developmental Reading (3)+
   RED 6116 Foundations of Reading Instruction (3)+
   RED 6540 Assessment in Reading (3)+
   RED 6656 Instructing Struggling Readers (3)+
   SCE 6336** Science Methods 6-12 (3)
   SSE 6326** Social Studies Methods 6-12 (3)

   Six hours of elective credit can be satisfied through other coursework inside or outside of the college (with advisor approval) or credit awarded for completion of National Board Certification (subject to department approval).

   **LAE 6325, MAE 6336, SCE 6336, or SSE 6326 are for secondary education teachers. Only one of these courses may be selected as an elective.

   +These courses along with RED 6846 lead to the Reading Endorsement. The course RED 6846 is not a requirement for the master’s program and cannot be substituted for an elective above.
TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements

- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 for all coursework in program.

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

CURRICULUM & INSTRUCTION—EDUCATIONAL TECHNOLOGY (M.A. OR M.ED.)

College of Education

Division of Graduate Studies

Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements

- A four year undergraduate degree from an accredited institution.
- Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions.
- Submission of three favorable recommendations from professionals in the field.
- Professional certification or completion of certification coursework is required for admission into the M.Ed. program.

Degree Requirements

1. Required Courses in the Major (27 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 6210</td>
<td>Microcomputer Hardware Systems for Education (3)</td>
</tr>
<tr>
<td>EDF 6215</td>
<td>Learning Principles Applied to Instruction (3)</td>
</tr>
<tr>
<td>EDF 6284</td>
<td>Instructional Design (3)</td>
</tr>
<tr>
<td>EDF 6481</td>
<td>Foundations of Educational Research (3)</td>
</tr>
<tr>
<td>EDF 6939</td>
<td>Seminar in Action Research (3)</td>
</tr>
<tr>
<td>EME 5054</td>
<td>Introduction to Educational Technology (3)</td>
</tr>
<tr>
<td>EME 6207</td>
<td>Web Design &amp; Development (3)</td>
</tr>
<tr>
<td>EME 6209</td>
<td>Multimedia: Graphics/Animation (3)</td>
</tr>
<tr>
<td>EME 6938*</td>
<td>Capstone Seminar (3)</td>
</tr>
</tbody>
</table>

*Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the C & I program. Students should complete the capstone project in the final semester, after having completed the Seminar in Action Research.

2. Electives (9 hrs)

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EME 6225</td>
<td>Methods of Integrating Tech: PK-8 (3)</td>
</tr>
<tr>
<td>EME 6405</td>
<td>Methods of Integrating Tech: 6-12/Adult (3)</td>
</tr>
</tbody>
</table>

Select 6 hours from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EME 6408</td>
<td>Advanced Technology Applications: Logo/Robotics for K-12 (3)</td>
</tr>
<tr>
<td>EME 6413</td>
<td>Advanced Technology Applications: Internet Resources K-12 (3)</td>
</tr>
</tbody>
</table>

Six hours of elective credit can be satisfied through other coursework inside or outside of the college (with advisor approval) or credit awarded for completion of National Board Certification (subject to department approval).

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements

- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 for all coursework in program.

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

CURRICULUM & INSTRUCTION—ENGLISH EDUCATION (M.ED.)

College of Education

Division of Graduate Studies

Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements

- A four year undergraduate degree from an accredited institution.
- Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions.
- Submission of three favorable recommendations from professionals in the field.
- Professional certification or completion of certification coursework is required for admission into the M.Ed. program.

Degree Requirements

1. Required Courses in the Major (30 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 6215</td>
<td>Learning Principles Applied to Instruction (3)</td>
</tr>
<tr>
<td>EDF 6481</td>
<td>Foundations of Educational Research (3)</td>
</tr>
<tr>
<td>EDF 6606</td>
<td>Socio-Econ Foundations of Education (3)</td>
</tr>
<tr>
<td>EDF 6939</td>
<td>Seminar in Action Research (3)</td>
</tr>
<tr>
<td>EME 5054</td>
<td>Introduction to Educational Technology (3)</td>
</tr>
<tr>
<td>EME 6207</td>
<td>Web Design &amp; Development (3)</td>
</tr>
<tr>
<td>EME 6209</td>
<td>Multimedia: Graphics/Animation (3)</td>
</tr>
<tr>
<td>EME 6938*</td>
<td>Capstone Seminar (3)</td>
</tr>
</tbody>
</table>

*Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the C & I program. Students should complete the capstone project in the final semester, after having completed the Seminar in Action Research.
EDF 6939  Action Research Seminar (3)  
EDG 6631  Instructional Strategies for Diverse Learners (3)  
LAE 6315  Teaching Writers and Writing (3)  
LAE 6326  Language Arts Methods: 6-12 (3)  
LAE 6337  Reading & Writing in the Content Areas (3)  
LAE 6465  Adolescent Literature (3)  
LAE 6790*  Capstone Seminar (3 hours)  

*Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the program. Students should complete the capstone project in the final semester, after having completed the Seminar in Action Research.

2. Electives (6 hrs)  
Select 6 hours from the following:  
LAE 5295  Writing Workshop I (3)  
LAE 6923  Writing Workshop II (3)  
RED 6116  Foundations of Reading Instruction (3)  
RED 6544  Issues in Comprehension and Cognition (3)  
RED 6656  Instruction for Struggling Readers (3)  
Six hours of elective credit can be satisfied through other coursework inside or outside of the college (with advisor approval) or credit awarded for completion of National Board Certification (subject to department approval).

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements  
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.  
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.  
• Overall GPA of 3.0 or higher in all work attempted.  
• A cumulative GPA of 3.0 for all coursework in program.

Transfer Notes  
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

EDUCATION (ED.S.)  
• Curriculum & Instruction Concentration  
• Educational Leadership Concentration

College of Education  
Division of Graduate Studies  
Web Address: www.coe.fgcu.edu/  
Catalog Year 2008-2009

Admission Requirements  
1) Provide an official transcript showing receipt of a master’s degree in an education or related field from a regionally accredited institution (or the equivalent from a foreign country that is accredited through the appropriate accrediting system of that country) with GPA of at least 3.5 on a 4.0 scale.  
2) Provide a minimum of three letters of recommendation, submitted on organizational letterhead stationery, from either university faculty or from previous supervisors who can write concerning the applicant’s capability to succeed in a doctoral program in the following areas: ability to communicate in writing and speaking, professional abilities, ethics and values, interpersonal skills, and work ethic.  
3) Provide a résumé (curriculum vitae) listing all previous educational degrees, professional positions, awards, publications, and other pertinent information.  
4) Participate in an oral interview with members of the Doctoral Admissions Committee.  
5) Submit Graduate Record Exam (GRE) General Test scores including verbal reasoning, quantitative reasoning, and critical thinking and analytical writing.  
6) Present one of the following combinations of minimum test scores:  
a. Combined GRE score of 1000 on the verbal and quantitative sections, with neither score below 400.  
b. MAT score of 400.  
7) Complete the following prerequisite courses or the equivalent:  
c. EDF 6481 Foundations of Educational Research (3)  
d. EDF 6432 Foundations of Measurement (3)  
e. EDG 6627 Foundations of Curriculum and Instruction (3)  
f. EDF 6215 Learning Principles Applied to Instruction (3)  
8) Foreign nationals whose native language is not English must present a minimum score of 550 (paper-based) or 213 (computer-based) on the TOEFL examination (Test of English as a Foreign Language).

Waivers of the above requirements may be granted by the Admissions Committee based on a rationale provided by the student or holistic evaluation of the applicant’s information.  
Applicants denied admission may appeal the decision by submitting a request for reconsideration to the program director within 30 days of the date of denial. The request must present additional evidence of potential for academic success and contain reasons why reconsideration is warranted.

Degree Requirements  
1. Major (18 hrs)  
EDA 7066  Organizational Leadership (3)  
EDG 7046  Foundations for Sustainability in Educational Practice (1)  
EDG 7047  Sustainability in Education: Global Issues (1)  
EDG 7908  Pedagogical and Curricular Considerations on Sustainability in Education (1)  
EDG 7707  Diversity and Global Studies in Education (3)  
EDA 7193  Instructional Leadership (3)  
EDG 7221  Curriculum Theory (3)  
Internship  
Listed separately below (3)

2. Concentration (9 hrs)  
Select 9 hours in consultation with the Advising Committee:  
A. Curriculum & Instruction Concentration  
EDG 7286  Curriculum Design and Examination (3)  
EDG 7347  Transfer, Learning Through Narrative (3)  
EDG 7065  Historical Perspectives & Impact of Critical Literacies (3)  
EDG 7635  Curriculum Perspectives on Exceptionalities (3)  
EDG 7325  Multiple Pedagogies (3)  
EDG 7362  Advanced Learning Theory (3)

B. Educational Leadership Concentration  
EDA 7235  Seminar in School Law (3)
Additional Graduation requirements

Advising
An Advising Committee is appointed upon entrance into the major. This committee includes the student's advisor and at least one other faculty member in the student's concentration. The committee provides support for the student including approval of transfer credits, assistance in planning his/her program of study, and approval of the final program of study.

A Culminating Project Committee is appointed prior to student registration in the Specialist Proposal Development course. This committee has three members, including the chair and a member who teaches in the student's cognate field. A minimum of two committee members must vote to approve the student's proposal and culminating project.

Additional Graduation Requirements
1) Successful completion of each course with a grade of B or better.
2) Final GPA of 3.5 or better prior to taking qualifying exams; grades for the proposal, and culminating project will be Pass/Fail only.
3) Successful completion of written comprehensive examinations.
4) Successful completion of specialist proposal and oral defense of the proposal.
5) Successful completion of culminating project and oral defense of the culminating project.

Transfer of Coursework
A maximum of 18 hours taken for a master's degree or other advanced study may be substituted, if appropriate, for requirements in the college major, concentration, research and evaluation, and cognate. Course substitutions are restricted by the following distribution, which must be completed at FGCU as part of the Ed.S. program of study:

4. Research/Evaluation (6 hrs)
   - EDF 7416 Quantitative Analysis (3)
   - EDF 7434 Current Issues in Educational Assessment and Decision Making (3)
   - EDF 7475 Qualitative Research Design and Analysis (3)

5. Cognate (9 hrs)
   - Select coursework approved by the Dissertation Committee.

6. Culminating Activity (6 hrs)
   - EDG 7974 Specialist Proposal Development (3)
   - EDG 7975 Specialist Culminating Project (3)

TOTAL SEMESTER HOURS REQUIRED 48 HRS

At least 30 hours must be taken at FGCU. No substitutions are permitted for the specialist proposal, or culminating project. Courses used in substitution must be no more than 7 years old upon admission and no more than 10 years old upon graduation. Waivers may be granted by the Advising Committee.

EDUCATIONAL LEADERSHIP (M.A.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

This program prepares students for leadership positions in fields outside of K-12 education in which education is a major component of the career field, such as higher education or corporate training.

Admission Requirements
- A four year undergraduate degree from an accredited institution.
- Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions.
- Submission of three favorable recommendations from professionals in the field.

Degree Requirements
1. Required Courses in the Major (27 hrs)
   - EDA 6192 Organizational Development (3)
   - EDA 6232 School Law (3)
   - EDA 6242 School Finance (3)
   - EDA 6945 Internship in Educational Leadership (6)
   - EDF 6481 Foundations of Educational Research (3)
   - EDG 6627 Foundations of Curriculum & Instruction (3)
   - EDS 6050 Human Resources Development (3)
   - EME 6425 Technology for School Leaders (3)

2. Restricted Electives (12 hrs)
Select 12 hours of electives at the 5000 level or above from inside or outside the College of Education, as approved by the advisor.

TOTAL SEMESTER HOURS REQUIRED 39 HRS

Additional Graduation Requirements
- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 or higher in all coursework in program.
- Final program completion is assessed through portfolio assessment.

Transfer Notes
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or
three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

EDUCATIONAL LEADERSHIP (M.ED.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

This program prepares students for Educational Leadership Level I certification by the Florida Department of Education.

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions.
• Submission of three favorable recommendations from professionals in the field.
• Professional teaching certificate or eligibility for a Florida professional teaching certificate.

Degree Requirements
Required Courses in the Major (39 hrs)
EDA 6061 Principles of Educational Leadership (3)
EDA 6192 Organizational Development (3)
EDA 6232 School Law (3)
EDA 6242 School Finance (3)
EDA 6945 Internship in Educational Leadership (6)
EDF 6432 Foundations of Measurement (3)
EDG 6627 Foundations of Curriculum & Instruction (3)
EDG 6326 Learning, Accountability and Assessment (6)
EDG 6391 Instructional Leadership (3)
EDS 6050 Human Resources Development (3)
EME 6425 Technology for School Leaders (3)

TOTAL SEMESTER HOURS REQUIRED 39 HRS

Additional Graduation Requirements
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Students must pass all portions of the Florida Educational Leadership Examination.
• Final program completion is assessed through portfolio assessment.

Transfer Notes
The College of Education limits the transfer of coursework into its graduate program to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

Modified Program Leading to Educational Leadership Certification (no degree is conferred by FGCU)
Students who already have a master’s degree may elect to take a modified program for Educational Leadership certification. This program does not lead to a master’s degree. Beginning July 1, 2008, the State of Florida Department of Education requirements have changed for the preparation of school leaders in university Educational Leadership programs. The Modified Program in Educational Leadership is for students who have a Master’s degree in another field and wish to qualify for certification in Educational Leadership that is granted by the state. The state requires a program that meets the new state standards for Educational Leadership. The only required course will be EDA 6945 Internship in Educational Leadership (6 credit hours). The remaining credit hours in a student’s program will be individualized based on previous student coursework. These hours will be selected from those courses required in the M.Ed. program in Educational Leadership that will provide the student with the required state competencies. This program must be approved by the student’s advisor. Program completion also requires a final portfolio assessment based on the state standards in Educational Leadership and a passing grade on all portions of the Florida Educational Leadership Examination (FELE).

ELEMENTARY EDUCATION (M.ED.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions.
• Submission of three favorable recommendations from professionals in the field.
• Professional teaching certificate or eligibility for a Florida professional teaching certificate.

Degree Requirements
1. Required Courses (24 hrs)
EDF 6481 Foundations of Educational Research (3)
EDF 6939 Seminar in Action Research (3)
EDF 6215 Learning Principles Applied to Instruction (3)
LAE 6616 Trends in Language Arts Instruction (3)
MAE 6115 Current Trends in Elementary Mathematics Education (3)
SSE 6617 Trends in Social Studies Instruction (3)
SCS 6455 Trends in Science Instruction (3)

2. Electives (9 hrs)
Select one of the following:
LAE 5316 Trends in Literature in Diverse Society (3)

Additional Graduation Requirements
• Completion of EDF 6432 Foundations of Measurement or equivalent. If not taken prior to admission, must be completed prior to graduation from the program.
• Professional certification or completion of certification coursework.

Degree Requirements
Required Courses (24 hrs)
LAE 5316 Trends in Literature in Diverse Society (3)
ENGLISH (M.A.)
College of Arts and Sciences
Department of Language and Literature
Web Address: www.fgcu.edu/cas/
Catalog Year 2008-2009

Admission Requirements
• A baccalaureate degree in English or a related field from a regionally accredited college or university;
• One of the following:
  • A cumulative undergraduate GPA of 3.0
  • A combined score of at least 1000 on the GRE;
  • A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
• The names (include contact information) of two college or university faculty members who will serve as references in support of your application;
• A statement of personal goals (indicate whether you are interested in a teaching assistantship);
• A writing sample of 8-10 pages.

Degree Requirements

1. Required Courses in the Major (3 hrs)
   Complete the following:
   ENG 6058 Literature, Language, and Society (3)
   ENG 6966 Master’s Comprehensive Exam (0)

2. Electives in the Major (30 hrs)
   Complete 6 hours of the following:
   AML 6017 Studies in the Literature of the US before 1900 (3)
   AML 6027 Studies in the Literature of the US after 1900 (3)
   AML 6268 Regional US Literature (3)
   AML 6305 Major US Authors (3)
   AML 6930 Special Topics in the Literature and Culture of the US (3)

   Complete 6 hours of the following:
   ENL 6305 Major British Authors (3)
   ENL 6335 Studies in Shakespeare (3)
   ENL 6507 Studies in British Literature before 1900 (3)
   ENL 6508 Studies in British Literature after 1900 (3)
   ENL 6930 Special Topics in British Literature (3)

   Complete 6 hours of the following:
   LIT 6066 Studies in Comparative Literature (3)
   LIT 6096 Studies in Contemporary Literature (3)
   LIT 6406 Seminar in Interdisciplinary Literature (3)
   LIT 6411 Seminar in Environmental Philosophy (3)
   LIT 6436 Seminar in Environmental Literature (3)
   LIT 6806 Literature as Cultural Study (3)
   LIT 6930 Special Topics in Literary Study (3)

   Complete 12 hours of the following:
   AML 6907 Directed Individual Study (3)
   AML 6910 Directed Research (3)
   CRW 6130 Fiction Writing Workshop (3)
   CRW 6331 Poetry Writing Workshop (3)
   CRW 6907 Directed Individual Study (3)
   CRW 6910 Directed Research (3)
   CRW 6930 Special Topics in Creative Writing (3)
   ENC 6317 Article and Essay Workshop (3)
   ENC 6930 Special Topics in Expository Writing (3)
   ENG 6745 Seminar in Composition Pedagogy* (3)
   ENG 6971 Thesis (1-3)
   ENL 6907 Directed Individual Study (3)
   ENL 6910 Directed Research (3)
   LIT 6907 Directed Individual Study (3)
   LIT 6910 Directed Research (3)

   -Any additional AML, ENL, or LIT course numbered 5000 or higher not being used to fulfill electives in the major.
   -Up to six credits chosen from other departments with written approval of the English Graduate Studies Coordinator.

   *Composition Teaching Assistants must complete this course prior to receiving a teaching assignment.

TOTAL SEMESTER HOURS REQUIRED 33 HRS

Additional Graduation Requirements
• A minimum of 33 credit hours.
• A cumulative GPA of 3.0 for all coursework in program.
• Each course for this program must be completed with a grade of C or better.

TOTAL SEMESTER HOURS REQUIRED 33 HRS
Transfer Notes
A maximum of 9 credits of course work may be transferred from other institutions, subject to approval of the English Graduate Studies Coordinator.

ENVIRONMENTAL SCIENCE (M.S.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/envsci/
Catalog Year 2008-2009

Admission Requirements
- A cover letter of introduction
- A statement of research goals (two page maximum; intended to identify a potential research discipline).
- A four year undergraduate degree from an accredited institution.
- Official copies of undergraduate transcripts and scores from the General Graduate Record Examination (GRE). GRE subject exam is not required. A minimum of 400 on the verbal and quantitative sections of the GRE and a combined score minimum of 1000.
- A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
- A minimum grade point average of 3.0 (4.0 scale) for up to the last 60 semester hours of upper division undergraduate or graduate coursework.
- At least two letters of recommendation from people familiar with your academic and research potential.

Degree Requirements
1. Prerequisite Courses
General Ecology
Introductory Statistics

2. Required Courses in the Major (16-18 hrs)
Select 3 hours from the following:
- OCB 6635 Estuarine Ecology (3)
- PCB 6064C Advanced Ecology (3)
Complete the following:
- EVR 6022 Environmental Research Methodology (3)
- EVS 6920 Graduate Seminar in Current Topics (1)
- EVS 6970 Master’s Thesis (total of 6-8 credits)
Select 3 hours from the following:
- EVR 6322 Concepts and Applications of Sustainability (3)
- EVS 6937 Environmental Policy (3)
- PAD 5620 Environmental Law (3)
- URP 6421 Environmental Planning (3)

3. Electives in the Major (18-20 hrs)
Select a minimum of 18 hours from the following:
- EVR 5414 Interpreting the Environment (3)
- EVR 5925 Environmental Education for a Sustainable Future (3)
- EVR 6322 Concepts and Applications of Sustainability (3)
- EVS 6937 Environmental Policy (3)
- PAD 5620 Environmental Law (3)
- URP 6421 Environmental Planning (3)

Alternative electives must be approved by the student’s Graduate Committee.

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements
- A minimum of 36 credit hours.
- A cumulative GPA of 3.0 for all coursework in program.
- Successful completion of each core course requires a grade of B or better.
- Elective courses require a grade of C or better.
- Provide 2 signed, bound copies of the student’s thesis, one to the FGCU library and the other to the Department of Marine and Ecological Sciences.
- Each student must have a graduate committee composed of a minimum of 3 individuals, 2 of which must be part of the graduate faculty in Environmental Science.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes
A maximum of 9 credits of course work may be transferred from other institutions, subject to approval of the Graduate Studies Coordinator.

HEALTH SCIENCE (M.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2008-2009

Admission Requirements
The College of Health Professions has a selective admissions policy. Admission requirements include, but are not limited to, the following:
1) Submit a FGCU graduate application and satisfy all applicable university requirements.
2) Submit a College of Health Professions supplemental application form and portfolio. Instructions available at www.fgcu.edu/chp/hsAdMSHS.html.
3) Submit official transcripts from a regionally accredited institution of higher learning to provide verification of a baccalaureate degree or equivalent.
4) Provide verification of a license, certification, and/or registration in a health profession field for admission into the Health Professions Education Concentration.
5) Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.
6) Provide verification of one of the following:
   a. (Combined score of GRE quantitative and verbal
sections) + (GPA for the last 60 semester hours attempted at the upper division undergraduate level x 200) must equal or exceed 1600; or
b. (MAT score) + (GPA for the last 60 semester hours attempted at the upper division undergraduate level x 200) must equal or exceed 1000; or
c. (GMAT score) + (GPA for the last 60 semester hours attempted at the upper division undergraduate level x 200) must equal or exceed 1100; or
d. A graduate degree from a regionally accredited institution.

1. Program Core (12 hrs)
   Required courses in the major:
   IHS 5508 Statistical Analysis for the Health Professions (3)
   IHS 6112 Legal & Ethical Aspects of Health Care (3)
   IHS 6500 Research in the Health Professions (3)
   IHS 6939 Health Policy Capstone Seminar (3)

2. Electives in the Major (3-6 hrs)
   Select one of the following:
   HSC 6911 Health Professions Capstone Project (3)
   HSC 6975 Health Professions Thesis (6) 1
   HSA 6942 Internship in Health Services Admin. (3)
   HSC 6943 Internship in Health Prof. Education (3)
   1Not an option for Health Services Administration Concentration.

3. Concentration Requirements (18-21 hrs)
   Select one of the following concentrations:
   A. Health Professions Education Concentration
      Required courses (15 hr):
      HSC 5260 Teaching Methods for the Health Professions (3)
      HSC 5268 Health Professions Faculty Roles & Responsibilities (3)
      HSC 6236 Client Education in the Health Professions (3)
      HSC 6258 Curriculum Development in Health Professions Education (3)
      HSC 6715 Educational Measurement & Evaluation in the Health Professions (3)
      Select from the following (3 hr if thesis taken as an elective or 6 hr if thesis not taken as an elective):
      HSC 5009 Accreditation in Health Professions (3)
      HSC 5269 Continuing Education for the Health Professions (3)
      HSC 6905 Directed Study in Health Professions Education (1-6)
      HSC 6935* Topics in Health Professions Education (1-6)
      HSC 6912 Grant Writing for Health Professions (3)
      Or other courses as approved by the advisor.
   1Course can be repeated under different topics.

   B. Health Services Administration Concentration
      Required courses (21 hrs):
      HSA 6115 Health Services Management and Operations (3)
      HSA 6155 Health Policies and Economic Issues in Health Services Organizations (3)
      HSA 6179 Models of Financial Management in Health Care (3)
      HSA 6198 Informatics and Health Management Information Systems (3)
      HSA 6342 Human Resource Management for Health Care Managers (3)

HSA 6385 Planning, Evaluation, and Quality Management (3)
HSA 6520 Managerial Epidemiology (3)

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Progression Standards
- Maintain a cumulative GPA of 3.0 on a 4.0 scale.
- Earn a grade of C or better in each course. A grade of C minus (C-) is considered less than a C.
- Refer to the Health Science Student Guidebook for further information on progression standards (available at www.fgcu.edu/chp/hs/currentstu.html)

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Earn a minimum of 36 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.

HISTORY (M.A.)
College of Arts and Sciences
Division of Social and Behavioral Sciences
Web Address: http://www.fgcu.edu/cas/History/
Catalog Year 2008-2009

Admission Requirements
- A baccalaureate degree from a regionally accredited institution.
- At least 15 credits in History from a regionally accredited institution with a 3.0 GPA in all History courses.
- An undergraduate GPA of at least 3.0 overall and a combined score of at least 1000 (quantitative and verbal sections) on the GRE with a minimum of 500 on the verbal section.
- Minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students who speak English as a second language.
- Two letters of recommendation from past professors or mentors.
- Personal statement of interest in pursuing graduate work in history (2-3 pages).

Transfer of Coursework
A maximum of 9 semester credit hours of course work may be transferred from regionally accredited institutions, subject to approval of the faculty advisor.

Degree Requirements
Select one of the following groupings (thesis or non-thesis). All courses selected in consultation with the faculty advisor.

A. Thesis Option (36 hrs)
   1. HIS 6159 Historiography (3 hrs)
   2. Field #1 (thesis) (12 hrs)
   3. Field #2 (non-thesis) (6 hrs)
   4. Field #3+ (non-thesis) (6 hrs)
   5. HIS 6971 Thesis (6 hrs)
   6. Electives (3 hrs) at 5000 or above.
   7. Thesis: Complete and defend the thesis and provide one bound copy of the completed thesis to the History Program and one bound copy to the FGCU Library. The production and style of these will follow established university guidelines.

Courses from outside of History may be substituted.
B. Non-Thesis Option (36 hrs)
1. HIS 6159 Historiography (3 hrs)
2. Thirty-three (33) credit hours at the graduate level (5000 and above). A maximum of 18 credit hours can be selected from any one field. A maximum of 9 hours can be taken outside the History Program with approval of the faculty advisor.
3. Seminar paper: Submit a revised research seminar paper (i.e., a paper that was submitted as part of a course requirement that was then revised) to the History faculty for approval.

Fields of Study
In consultation with a faculty advisor, students will select appropriate courses from the following fields of study. The specific courses selected will depend on student interests, career goals, and selection of thesis or non-thesis option. Courses selected for the thesis field will serve as the foundation for development of the thesis.

A. US History to 1877
AMH 6116 American Colonial History (3)
AMH 6139 Revolutionary America (3)
AMH 6155 US 1800-1860 (3)
AMH 6576 African-American History to 1865 (3)
AMH 6915 Research in American History (3)*
AMH 6939 Seminar in American History (3)*
HIS 6930 Special Topics (3)*
HIS 6905 Directed Readings (1-3)*

B. US History Since 1877
AMH 6207 US History since 1929 (3)
AMH 6278 US in the Cold War (3)
AMH 6577 African-American History since 1865 (3)
AMH 6915 Research in American History (3)*
AMH 6939 Seminar in American History (3)*
HIS 6930 Special Topics (3)*
HIS 6905 Directed Readings (1-3)*

C. Public/State and Local History
AMH 6424 Modern Florida (3)
HIS 6930 Special Topics (3)*
HIS 6067 Public History (3)
HIS 6905 Directed Readings (1-3)*
HIS 6915 Research in Public History (3)
HIS 6939 Seminar in Public History (3)

D. World History
ASH 6915 Research in Asian History (3)
ASH 6939 Seminar in Asian History (3)
EUH 6915 Research in European History (3)
EUH 6939 Seminar in European History (3)
HIS 6930 Special Topics (3)*
HIS 6445 Postcolonial Theories (3)
HIS 6905 Directed Readings (1-3)*
LAH 6137 Colonial Latin America (3)
LAH 6306 Modern Latin America (3)
LAH 6439 History of Mexico (3)
LAH 6475 Caribbean History (3)
LAH 6915 Research in Latin American History (3)
LAH 6939 Seminar in Latin American History (3)
WOH 6915 Research in World History (3)
WOH 6939 Seminar in World History (3)
Graduate courses with the prefixes ASH, EUH, LAH, and WOH

*With appropriate topic

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Requirements for the M.A. in History:
1) Students must earn a grade of "B" or better in all graduate-level classes.
2) All course work for the degree must be completed within five years of admission to the program. Extensions may be approved by the History faculty for extenuating circumstances.
3) No more than 6 credits of HIS 6900 Directed Readings will be permitted.
4) A maximum of 9 hours of cross-listed (undergraduate and graduate combined) courses.
5) Graduate students may not take undergraduate courses for graduate credit.
6) Graduate students who also serve as graduate assistants in the program must complete, in addition to all other requirements, a three-credit-hour course on teaching history at the college level. Credit for this course does not count towards the degree.
7) Students will have a reading knowledge of one foreign language before graduating. Students may substitute a research methods class from outside the program, with the approval of the History faculty. Courses taken to fulfill the foreign language requirement do not count towards the degree.
8) Take and successfully defend a comprehensive exam.

NURSE ANESTHESIA (M.S.N.)
College of Health Professions
School of Nursing
Web Address: http://www.fgcu.edu/chp/nursing/anesthesia.html
Catalog Year 2008-2009

Program Accreditation
The Master of Science in Nursing (M.S.N.) program is accredited by the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle, NW, Washington, DC 20036-1120; telephone (202)-887-6791. The program’s next accreditation review by the CCNE is scheduled for spring 2009. The Nurse Anesthesia Program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), 222 S. Prospect Ave., Suite 304, Park Ridge, IL 60068-4010; telephone (847)-692-7050. The program’s next accreditation review by the COA is scheduled for May 2009.

Admission Requirements
1) Submit a FGCU graduate application and satisfy all applicable university admission requirements.
2) Provide an official academic transcript showing the award of a BSN or BS degree in a related field of science.
3) Provide Graduate Record Exam (GRE) scores, taken within last 5 years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical score must also be reported.
4) Earn a cumulative GPA of 3.0 or higher on a 4.0 scale.
5) Complete the following with a grade of C or above:
   a. Statistics course.
   b. Health assessment course.
   c. Two chemistry courses, one with a laboratory component.
6) Provide evidence of current and unrestricted registration as a registered nurse with eligibility for Florida RN licensure.
7) Provide evidence of a minimum one year current practice experience as a registered nurse (must be in acute care setting for Nurse Anesthesia).
8) Submit current resume and statement of career goals.
9) Three references, one from the applicant’s supervisor, one from the applicant’s academic faculty, and one from a registered nurse, CRNA, or physician familiar with the applicant’s professional expertise.
ACLS, BLS, and PALS are not required for application to the program but are required to have been completed before the student begins the program. All students must maintain current RN licensure, ACLS, BLS, and PALS while in the program.

Degree Requirements

1. Required Courses in the Major (79 hrs)
   - NGR 5940C Clinical Practicum I (1)
   - NGR 5941C Clinical Practicum II (1)
   - NGR 5942C Clinical Practicum III (6)
   - NGR 5943C Clinical Practicum IV (6)
   - NGR 5944C Clinical Practicum V (6)
   - NGR 5945C Clinical Practicum VI (6)
   - NGR 5946C Clinical Practicum VII (6)
   - NGR 6002C Health Appraisal and Interpretation (4)
   - NGR 6010 Perioperative Technology (1)
   - NGR 6011 Chemistry & Physics in Nurse Anesthesia (2)
   - NGR 6091 Basic Principles of Anesthesia (3)
   - NGR 6092 Adv. Principles of Anesthesia I (3)
   - NGR 6098 Synthesis Seminar (3)
   - NGR 6140 Adv. Anatomy, Physiology & Pathophysiology I (4)
   - NGR 6143 Adv. Anatomy, Physiology & Pathophysiology IV (1)
   - NGR 6145 Adv. Principles of Anesthesia II (3)
   - NGR 6149 Adv. Anatomy, Physiology & Pathophysiology III (1)
   - NGR 6165 Adv. Anatomy, Physiology & Pathophysiology II (4)
   - NGR 6173 Pharmacology II (3)
   - NGR 6174 Pharmacology I (3)
   - NGR 6195 Global Trends & Practice Perspectives (3)
   - NGR 6740 Concepts & Roles in Advanced Nursing (3)
   - NGR 6811 Scholarly Inquiry for Evidence Based Practice (3)
   - NGR 6941L Nurse as Educator Practicum (3)
   - NGR 6942L Nurse Educator Practicum (1)
   - NGR 6943L Clinical Nurse Leader Practicum (6)
   - NGR 6944L Clinical Nurse Leader Practicum (6)
   - NGR 6945L Clinical Nurse Leader Practicum (6)
   - NGR 6946L Clinical Nurse Leader Practicum (6)
   - NGR 6947L Clinical Nurse Leader Practicum (6)
   - NGR 6948L Clinical Nurse Leader Practicum (6)
   - NGR 6949 Clinical Correlation Conf. (3)

TOTAL SEMESTER HOURS REQUIRED 79 HRS

Progression Standards
Maintain an overall academic GPA of at least a 3.0 in all course work attempted in the master’s program. A grade of less than B in more than one course will result in dismissal.

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.

NURSING (M.S.N.)
- Clinical Nurse Leader Concentration
- Nurse Educator Concentration

College of Health Professions
School of Nursing
Web Address: http://www.fgcu.edu/chp/nursing/index.html
Catalog Year 2008-2009

Program Accreditation
The Master of Science in Nursing (M.S.N.) program is accredited by the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle, NW, Washington, DC 20036-1120; telephone number 202-887-6791).

Admission Process
The School of Nursing has a selective, competitive admission process. Not all qualified applicants may be admitted to the program.

General Admission Requirements for applicants with a BSN or related baccalaureate degree:
1) Submit a FGCU graduate application and satisfy all applicable university admission requirements.
2) Provide an official academic transcript showing the award of a BSN or BS degree in a related field of science.
3) Provide Graduate Record Exam (GRE) scores, taken within last 5 years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical score must also be reported; or the Miller's Analogy Test (MAT) score of 400 or above, taken within last five years.
4) Earn a cumulative GPA of 3.0 or higher on a 4.0 scale.
5) Complete following with a grade of C or above:
   a. Statistics course.
   b. Health assessment course.
6) Provide evidence of current and unrestricted registration as a registered nurse with legibility for Florida RN licensure.
7) Provide evidence of a minimum one year current practice experience as a registered nurse.
8) Submit a current resume and statement of career goals.
9) For applicants who have attended, but not completed another MSN program, provide a letter of support from the dean of the school of nursing (or designee) that addresses the following:
   a. Potential for success in a MSN program.
   b. Interpersonal communication skills.
   c. Other information as determined by the dean.
Applicants must also provide a waiver granting the Graduate Admission and Progression Committee permission to contact the program(s) attended to verify information.

Degree Requirements

1. Required Courses in the Major (24 hrs)
   - NGR 6002C Health Appraisal and Interpretation (4)
   - NGR 6141 Physiological Alterations to Health (3)
   - NGR 6195 Global Trends & Practice Perspectives (3)
   - NGR 6240C Primary Health Care I (5)
   - NGR 6712 Foundations of Nursing Education (3)
   - NGR 6740 Concepts & Roles in Advanced Nursing (3)
   - NGR 6811 Scholarly Inquiry for Evidence Based Practice (3)

2. Concentration Requirements (11-14 hrs)
   A. Clinical Nurse Leader Concentration (14 hrs)
      - Required courses:
        - HSA 6250 Managerial Epidemiology (3)
        - NGR 6192 Advanced Therapeutics (3)
        - NGR 6770 Clinical Nurse Leadership and Advocacy (3)
        - NGR 6773L Clinical Nurse Leader Practicum (2)
        - NGR 6872 Information Management in Nursing (3)
   B. Nurse Educator Concentration (11 hrs)
      - Required courses:
        - NGR 6714 Teaching & Assessment Strategies for Nursing Education (3)
        - NGR 6930 Special Topics (2)
        - NGR 6941L Nurse Educator Practicum (3)
        - Select one of the following:
          - HSC 6258 Curriculum Development in Health Prof (3)
          - NGR 6713 Designing & Evaluating Curricula for 21st Century Nursing Education (3)
TOTAL SEMESTER HOURS REQUIRED 35-38 HRS

Progression Standards
Maintain an overall academic GPA of at least 3.0 in all course work attempted in the master’s program. A grade of less than B in more than one course will result in dismissal.

Additional Graduation Requirements
• Apply for graduation by deadline indicated in the university calendar.
• Earn a minimum of 30 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.

OCCUPATIONAL THERAPY (M.S.)
College of Health Professions
Department of Occupational Therapy and Community Health
Web Address: www.fgcu.edu/chp/ot/
Catalog Year 2008-2009

Program Accreditation
This entry-level Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, PO Box 31220, Bethesda, Maryland, 20824-1220, Telephone: (301) 652-2682.

Admission Process
Application materials are available from the Department of Occupational Therapy and Community Health or on its website at www.fgcu.edu/chp/ot/. Admission to the program is competitive. Meeting minimum requirements does not guarantee admission to the program. Applicants pursuing a baccalaureate degree through the FGCU College of Health Professions, who have completed 27 credit hours of prerequisite requirements for the master’s program and who have met all other admissions requirements, will be eligible to apply for early admission decision.

Admission Requirements:
1) Baccalaureate degree in any field. An official transcript from a regionally accredited college or university should be submitted; degree may be pending completion at time of application.
2) Baccalaureate GPA (or GPA in courses completed at the time of application) of 3.0 or better.
3) GPA of 3.0 or better in prerequisite courses (listed below).
4) Evidence of at least 10 hours of volunteer, work, or shadowing experience in an OT practice environment.
5) Graduate Record Exam (GRE) taken within the last 5 years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical section must also be reported.
6) Interview (arranged by invitation when all other application materials have been received and reviewed).
7) The following prerequisite courses or the equivalent must be completed with a grade of C or better (a grade of C- or less is not acceptable). Students may complete some prerequisites in the summer session after acceptance into the program but before beginning the graduate level of study. Courses noted in parentheses are FGCU courses that meet the requirement:
   a. Two courses in human anatomy & physiology w/ Lab (BSC 1085C & BSC 1086C)
   b. Any abnormal psychology or psychopathology course (CLP 3140)
   c. Any lifespan human development course (DEP 2004)
   d. Research course with health professions or behavioral research focus (IHS 4504)
   e. Any musculoskeletal anatomy course w/Lab (OTH 3417C)
   f. Any neuroanatomy/neuropathology course (OTH 3429C)
   g. Any introductory physics or qualified physical science course (PHY 2048C or PHY 2053C)
   h. Any general psychology course (PSY 2012)
   i. Any statistics course (STA 2023 or STA 2037)
   j. Any sociology or anthropology course with a multicultural theme (SYG 2000 or ANT 2000)

Degree Requirements (62 hrs)
OTH 6002 Occupational Therapy History and Foundations (2)
OTH 6009 Theory in Occupational Therapy (3)
OTH 6018 Professional Practice (3)
OTH 6026 Group Process and Management (3)
OTH 6106C Technology in Practice (3)
OTH 6226C Evaluation of Occupational Performance (3)
OTH 6235C Occupational Therapy Interventions (3)
OTH 6415C Human Motion in Activity (3)
OTH 6436C Adult UE Rehabilitation (3)
OTH 6523C Practice with Children (3)
OTH 6536C Occupational Performance Issues I (3)
OTH 6605C Occupational Performance Issues II (3)
OTH 6707 Management and Supervision in Occupational Therapy (3)
OTH 6725 Community Practice Seminar (3)
OTH 6751C Outcomes Research (3)
OTH 6840 Level IA Fieldwork (1)
OTH 6841 Level IB Fieldwork (1)
OTH 6845 Level IIA Fieldwork (6)
OTH 6846 Level IIB Fieldwork (6)
OTH 6910 Directed Study (3)
OTH 6973C Project Implementation (1)

TOTAL SEMESTER HOURS REQUIRED 62 hrs

Progression Requirements
• Students must earn a grade of B or better in all required coursework in order to progress in the program
• Students are evaluated on professional behaviors as well as academic performance
• Successful completion of assigned fieldwork integrating academic material and professional behaviors is a required part of the program

All progression requirements are detailed in the Occupational Therapy Program Student Handbook, published by the Department.

Additional Graduation Requirements
• Apply for graduation by deadline indicated in the university calendar.

Completion of the degree in Occupational Therapy, which includes the prescribed fieldwork, is required for eligibility to sit for the Certification Examination and to obtain a license to practice as an Occupational Therapist.
PHYSICAL THERAPY (D.P.T.)
College of Health Professions
Department of Physical Therapy and Human Performance
Web Address: www.fgcu.edu/chp/pt
Catalog Year 2008-2009

Program Accreditation
The Physical Therapy program has been granted Accreditation status by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association.

Admission Process
Students are admitted to the Doctor of Physical Therapy Program in the Fall of each year. Application information and forms are available from the Department of Physical Therapy and Human Performance or on our website at www.fgcu.edu/chp/pt. For priority consideration, all application materials must be received by January 15th of the year in which entry is sought. Application materials received after January 15th will be considered on a space available basis. Admissions decisions are made based on materials and coursework completed at the time of the application.

Admission Requirements
The Department of Physical Therapy and Human Performance conducts a competitive admissions process. The following are the minimum requirements for admission to the entry-level physical therapy program. (Please note that meeting the minimum requirements for admission does not guarantee admission to the Physical Therapy program.) All applicants must have:
1) A baccalaureate degree from a regionally accredited college or university. Applicants may complete a baccalaureate degree in any field. The following undergraduate majors at FGCU may be the most congruent with the required physical therapy prerequisite courses: (a) BS in Athletic Training (b) BS in Human Performance (c) BS in Health Science; (d) BS in Liberal Studies, biology major, with pre-physical therapy elective options
2) Achieved a GPA calculated for all prerequisite courses (for courses completed at the time of application) of at least 3.20 (on a 0 to 4 scale)
3) Achieved a GPA for all upper division coursework (for courses completed at the time of application) of at least 3.00 (on a 0 to 4 scale)
4) A minimum score of 4.0 on the Analytical portion of the Graduate Record Examination (GRE) and a minimum total Quantitative-Verbal GRE score of 1000, with a minimum score of 400 on both the Quantitative and Verbal portions of the GRE
5) Completion of Interview
6) Submission of portfolio, including validation of two physical therapist shadowing experiences of five hours each
7) Complete the following prerequisite courses or the equivalent with a grade of C or better (a grade of C- or less is not acceptable).
   a. BSC 2010C General Biology I w/Lab (4)
   b. BSC 1085C Anatomy & Physiology I w/Lab (3) or BSC 2011C General Biology II w/Lab (4)
   c. BSC 1086C Anatomy & Physiology II w/Lab (4) or PCB 2XXX Human Physiology (3)
   d. CHM 1045C General Chemistry I w/Lab (4)
   e. CHM 1046C General Chemistry II w/Lab (4)
   f. PHY 2053C College Physics I w/Lab (4)
   g. PHY 2054C College Physics II w/Lab (4)
   h. PSY 2012 General Psychology (3)
   i. DEP 2004 Principles of Development (3)
   j. STA 2023 Statistical Methods (3) or STA 2037 Statistics with Calculus (3)

Degree Requirements

1. Required courses (105 hrs)
   PHT 5109C Movement Science Foundations I (8)
   PHT 6393C Movement Science Foundations II (8)
   PHT 6395C Movement Science Foundations III (5)
   PHT 5353 Medical Diagnostics and Pharmacology I-Introduction to Pharmacology and Imaging (2)
   PHT 6009 Medical Diagnostics and Pharmacology II-Diagnostic Testing (3)
   PHT 7352 Medical Diagnostics and Pharmacology III-Pharmacology (3)
   PHT 7070 Medical Diagnostics and Pharmacology IV-Diagnostic Imaging (3)
   PHT 5205C Introduction to Physical Therapy Practice (2)
   PHT 6394C Physical Therapy Practice I (4)
   PHT 6396C Physical Therapy Practice II (5)
   PHT 6397C Physical Therapy Practice III (5)
   PHT 6398C Physical Therapy Practice IV (7)
   PHT 7390C Physical Therapy Practice V (7)
   PHT 7399C Physical Therapy Practice VI (2)
   PHT 6026 Professional Development Seminar I: Intro to Physical Therapy (2)
   PHT 6412 Professional Development Seminar II: Teaching and Learning (3)
   PHT 6413 Professional Development Seminar III: Sociocultural Influences (3)
   PHT 6527 Professional Development Seminar IV: Management, Leadership, and Entrepreneurship in Health Care (3)
   PHT 6507 Professional Development Seminar V: Medical Spanish for Physical Therapists (1)
   PHT 7528 Professional Development Seminar VI: Legal and Ethical Considerations in Health Care Policy and Practice (3)
   PHT 7529 Professional Development Seminar VII: Preparation for Entering & Growing in the Profession (2)
   PHT 5811 Introductory Clinical Experience (1)
   PHT 6822 Clinical Education I (3)
   PHT 6941 Clinical Education II (3)
   PHT 6942 Clinical Education III (3)
   PHT 7946 Clinical Education IV (6)
   PHT 5016 Professional Writing and Literature Review (2)
   PHT 6606 Application of Physical Therapy Principles - Critical Inquiry (3)
   PHT 6607 Application of Physical Therapy Principles - Applied Critical Inquiry (3)

2. Restricted Electives (10 hrs)
Select one of the following:
   PHT 6906 Application of Physical Therapy Principles I - Independent Study I (3)
   PHT 6971 Application of Physical Therapy Principles I - Independent Research I (3)

Select one of the following:
   PHT 6907 Application of Physical Therapy Principles II - Independent Study II (2)
   PHT 6972 Application of Physical Therapy Principles II - Independent Research II (2)

Select one of the following:
   PHT 7908 Application of Physical Therapy Principles III - Independent Study III (2)
Progression Standards

- Students must follow a Program of Study approved by the student's faculty advisor.
- Students must receive a grade of “B” (“S” if applicable) or better on all courses within the program curriculum.
- A minimum cumulative GPA of 3.0 is required for all coursework taken in the Physical Therapy curriculum.
- A student must perform at the appropriate level of generic abilities and behavioral criteria as outlined in the Professional Behaviors Plan.

Additional Graduation Requirements

- Successfully complete a cumulative personal/professional portfolio.
- Successfully complete all Clinical Education Courses.
- Perform at Entry Level in all Behavioral Criteria of the Professional Behaviors Plan.
- Complete Psychomotor Skills Log.
- Apply for graduation per university guidelines and timeline.
- Meet all FGCU Graduate Student requirements for graduation.

Degree Requirements

1. Required Courses in the Major (24 hrs)
   - NGR 6002C Health Appraisal and Interpretation (4)
   - NGR 6141 Physiological Alterations to Health (3)
   - NGR 6192 Advanced Therapeutics (3)
   - NGR 6195 Global Trends & Practice Perspectives (3)
   - NGR 6712 Foundations of Nursing Education (3)
   - NGR 6731 Entrepreneurship (2)
   - NGR 6740 Concepts & Roles in Advanced Nursing (3)
   - NGR 6811 Scholarly Inquiry for Evidence Based Practice (3)

2. Concentration Requirements (17 hrs)
   - Complete one of the following concentrations:
     A. Family Nurse Practitioner Concentration*
        - NGR 6240C Primary Health Care I (5)
        - NGR 6741C Primary Health Care II (3)
        - NGR 6330C Primary Health Care III (3)
        - NGR 6252C Primary Health Care IV (6) [2-4]
     B. Adult Nurse Practitioner Concentration**
        - NGR 6240C Primary Health Care I (5)
        - NGR 6741C Primary Health Care II (3)
        - NGR 6252C Primary Health Care IV (6)
        - NGR 6215C Primary Health Care V (3)

TOTAL SEMESTER HOURS REQUIRED 41 HRS

Progression Standards

Maintain an overall academic GPA of at least 3.0 in all course work attempted in the master’s program. A grade of less than B in more than one course will result in dismissal.

Additional Graduation Requirements

- Apply for graduation by deadline indicated in the university calendar.
- Earn a minimum of 30 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.
PUBLIC ADMINISTRATION (M.P.A.)
College of Professional Studies
Division of Public Affairs

Web Address: http://cps.fgcu.edu/pa/program.html
Catalog Year 2008-2009

Admission Requirements

1. **Required Courses in the Major** (27 hrs)
   - PAD 6060 Introduction to Public Administration (3)
   - PAD 6101 Organizational Theory & Behavior (3)
   - PAD 6207 Public Budgeting (3)
   - PAD 6327 Sem. in Program Planning & Eval. (3)
   - PAD 6365 Public Policy (3)
   - PAD 6417 Public Personnel Administration (3)
   - PAD 6701 Data Analysis in Public Service (3)
   - PAD 6708 Research Appl. in Public Admin. (3)
   - PAD 6961 Capstone Project (1-3)

2. **Elective Course in the Major** (3 hrs)
   - PAD 5041 Administrative Ethics (3)
   - PAD 5142 Mgmt. of Nonprofit Organizations (3)
   - PAD 5352 Emerging Issues in Environ Policy (3)
   - PAD 5356 Environmental Policy & Ethics (3)
   - PAD 5520 Environmental Law (3)
   - PAD 5933 Proposal Writing & Grant Admin. (3)
   - PAD 6205 Public Finance (3)
   - PAD 6605 Administrative Law (3)
   - PAD 6812 State & Local Politics & Admin. (3)
   - PAD 6826 Intergovernmental Administration (3)
   - PAD 6836 Comparative Public Administration (3)
   - PAD 6908 Independent Study (1-6)
   - PAD 6934 Special Topics (1-3)
   - PAD 6940 Internship* (1-3)

3. **Concentration Requirements** (12 hrs)
   - Select 12 hours from the following:
     - PAD 5041 Administrative Ethics (3)
     - PAD 5142 Mgmt. of Nonprofit Organizations (3)
     - PAD 5933 Proposal Writing & Grant Admin. (3)
     - PAD 6605 Administrative Law (3)
     - PAD 6812 State & Local Politics & Admin. (3)
     - PAD 6826 Intergovernmental Administration (3)
     - PAD 6836 Comparative Public Administration (3)
     - PAD 6XXX Strategic Planning (3)

A. General Public Administration Concentration
    - Select 12 hours from the following:
      - ISM 6021 Management Information Systems (3)
      - MAN 6266 The Challenge of Leadership (3)
      - MAN 6305 Human Resource Management (3)
      - MAN 6448 Conflict Management (3)
      - MAN 6607 Global Organization Issues (3)
      - MAR 6815 Marketing Management (3)
      - PAD 5142 Mgmt. of Nonprofit Organizations (3)
      - PAD 5933 Proposal Writing & Grant Admin. (3)

B. Management Concentration
    - Required Course:
      - PAD 6205 Public Finance (3)
    - Select 9 hours from the following:
      - EDS 5414 Interpreting the Environment (3)
      - EES 6051 Environmental Planning (3)
      - EVR 5327 Environmental Education for a Sustainable Future (3)
      - EVR 6022 Environ. Research Methodology (3)
      - EVR 6322 Concepts & Appl. of Sustainability (3)
      - EVR 6937 Environmental Policy (3)
      - PAD 5352 Emerging Issues in Environ Policy (3)

C. Environmental Policy Concentration
    - Required Courses:
      - PAD 5356 Environmental Policy & Ethics (3)
      - PAD 5620 Environmental Law (3)
    - Select 6 hours from the following:
      - EDS 5414 Interpreting the Environment (3)
      - EES 6051 Environmental Planning (3)
      - EVR 5327 Environmental Education for a Sustainable Future (3)
      - EVR 6022 Environ. Research Methodology (3)
      - EVR 6322 Concepts & Appl. of Sustainability (3)
      - EVR 6937 Environmental Policy (3)
      - PAD 5352 Emerging Issues in Environ Policy (3)

Note: Courses outside of the Division of Public Affairs may be substituted in some areas, on a case-by-case basis, with approval of the student’s MPA faculty advisor.

TOTAL SEMESTER HOURS REQUIRED 42 HRS

READING (M.Ed.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements

1. A four year undergraduate degree from an accredited institution.
2. Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400...
Additional Graduation requirements

• Submission of three favorable recommendations from professionals in the field.
• Professional certification in an appropriate teaching field or completion of certification requirements.

Degree Requirements

1. Required Courses in the Major (30 hrs)

   - EDF 6481 Foundations of Research (3)
   - EDF 6939 Seminar in Action Research* (3)
   - LAE 6325 Language Arts Methods: Grades 6-12 (3)
   - LAE 6337 Reading and Writing in the Content Area (3)
   - RED 6116 Foundations of Reading Instruction (3)
   - RED 6540 Assessment in Literacy (3)
   - RED 6544 Reading Issues in Comprehension and Cognition (3)
   - RED 6545 Issues in Vocabulary and Word Study (3)
   - RED 6656 Instruction for Struggling Readers (3)
   - RED 6846 Practicum* (3)

   *Completed during the last two terms of the programs.

2. Electives (6 hrs)

Select one of the following:

   - LAE 6415 Literature and the Learner (3)
   - LAE 6465 Adolescent Literature (3)

Select one of the following:

   - LAE 6315 Teaching Writers and Writing (3)
   - LAE 6616 Current Trends in Language Arts (3)
   - LAE 6265 Writing Workshop I (National Writing Project) (3)
   - RED 5147L Developmental Reading (3)

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements

• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects.
• Program completion also requires a passing score on the FTCE Reading K-12 Subject Area Exam.

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

SPECIAL WORK (M.S.W.)

College of Professional Studies
Division of Social Work
Web Address: http://cps.fgcu.edu/sw/index.html
Catalog Year 2008-2009

Application materials must be submitted by April 1 in order for the applicant to be considered for admission for the fall semester. Students will be admitted to the two-year MSW program during the fall semester of each year. Applications for admission to the MSW program are reviewed as they are received. Candidates are encouraged to start the application process early in the spring semester prior to the application deadline.

Admission Requirements

• Earned bachelor’s degree from a regionally accredited college or university.
• Submit one official transcript from each baccalaureate and/or graduate institution attended.
• Cumulative GPA of 3.0 on a 4.0 scale in the final 60 hours of the baccalaureate program.
• Submit one official copy of test scores from either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT) taken within the last five years.
• Submit evidence of broad coursework in the liberal arts: 6 hours General Science (must include 2 courses related to human anatomy or human biology); 6 hours English Composition; 6 hours Humanities; 6 hours Social Sciences; 6 hours Quantitative Math, minimum. Statistics (3 hrs) is required.
• Provide evidence of one year’s experience paid or volunteer in a social service agency (in a service capacity) or its equivalent as determined by the Graduate Admissions Committee.
• An international applicant for whom English is a second language is required to submit a score of 550 or higher on the Test of English as a Foreign Language (TOEFL).
• Submit a completed MSW Application Package including:
  • Three professional references.
  • A written personal statement (to be evaluated by the Graduate Admissions Committee for commitment to social work values, social justice, diversity, writing skills, etc.).
  • Personal interviews may be required.
  • Attend an orientation session.

Degree Requirements

1. Required Core Courses in the Major (42 hrs)

SOW 6105 Human Behavior in the Social Environment I: Micro (3)
SOW 6106 Human Behavior in the Social Environment II: Macro (3)
SOW 6124 Psychopathology in Clinical Practice (3)
SOW 6180 Community Organizing (3)
SOW 6235 Social Welfare & History (3)
SOW 6236 Social Policy Analysis (3)
SOW 6305 Social Work Practice I (3)
SOW 6306 Social Work Practice II (3)
SOW 6344 Advanced Clinical Group Practice (3)
SOW 6369 Advanced Practice Seminar (3)
SOW 6405 Research I: Methods (3)
SOW 6435 Research II: Practice Evaluation (3)
SOW 6611 Advanced Clinical Practice with Families & Couples
SOW 6616 Advanced Clinical Practice with Individuals

2. Field Experience Requirements (12 hrs)

Select one of the following groupings:

- SOW 6616 Advanced Clinical Practice with Families & Couples
- SOW 6611 Advanced Clinical Practice with Individuals
- SOW 6405 Research I: Methods (3)
- SOW 6435 Research II: Practice Evaluation (3)
- SOW 6180 Community Organizing (3)
- SOW 6235 Social Welfare & History (3)
- SOW 6236 Social Policy Analysis (3)
- SOW 6305 Social Work Practice I (3)
- SOW 6306 Social Work Practice II (3)
- SOW 6344 Advanced Clinical Group Practice (3)
- SOW 6369 Advanced Practice Seminar (3)
- SOW 6405 Research I: Methods (3)
- SOW 6435 Research II: Practice Evaluation (3)
A. Full-time Field Experience
SOW 6532  Field Education I (3)
SOW 6533  Field Education II (3)
SOW 6535  Field Education III (3)
SOW 6537  Field Education IV (3)

B. Part-time Field Experience
SOW 6553  Field Education IA-Part-time (2)
SOW 6554  Field Education IB-Part-time (2)
SOW 6552  Field Education IC-Part-time (2)
SOW 6555  Field Education IIA-Part-time (2)
SOW 6556  Field Education IIB-Part-time (2)
SOW 6557  Field Education IIC-Part-time (2)

3. Electives (6 hrs)
Select two graduate courses as approved by the advisor.
Students may take two additional electives above the 60 credits required for graduation. Common graduate electives offered by the social work program
SOW 6181  Grassroots Community Organizing (3)
SOW 6383  Administration I (3)
SOW 6384  Supervision and Training (3)
SOW 6386  Administration II (3)
SOW 6641  Social Work Practice with Older Persons (3)
SOW 6655  Social Work Practice in the Interest of Children (3)
SOW 6629  Human Diversity & Oppression (3)
SOW 6931  Special topics in Social Work

TOTAL SEMESTER HOURS REQUIRED 60 HRS

SPECIAL EDUCATION (M.ED.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• A valid teaching certificate.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on the quantitative and verbal sections of the GRE exam; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
• Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
• Submission of three favorable recommendations from professionals in the field.

Degree Requirements
EDF 6481  Foundations of Educational Research (3)
EED 6215  Advanced Theories and Practices in Behavior Disorders (3)
EEX 5752  Working with Families (3)
EEX 6025  Foundations of Special Education (3)
EEX 6222  Advanced Psychoeducational Assessment of Exceptional Students (3)
EEX 6245  Transitional Programming for Adolescent & Young Adult Exceptional Students (3)
EEX 6248  Instructional Approaches for Exceptional Populations (3)
EEX 6612  Management and Motivation of Exceptional and At-Risk Students (3)
EEX 6732  Consultation and Collaboration in Special Education (3)
EEX 6939  Advanced Seminar: Paradigms, Practices and Policies in Special Education (taken in last semester) (3)
ELD 6015  Advanced Theories and Practices in Special Learning Disabilities (3)
EMR 6052  Advanced Theories and Practices in Mental Retardation (3)

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
• Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all sub-sections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Transfer Notes
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.
FGCU CERTIFICATE PROGRAMS
2008-2009
Clinical Laboratory Technology Certificate
Compliance Specialist Certificate
Early Childhood Special Education Certificate
Elementary Education Certificate
Health Services Administration Certificate
Primary Health Care Nurse Practitioner Certificate
Secondary Education Certificate
Special Education Certificate

CLINICAL LABORATORY TECHNOLOGY CERTIFICATE
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2008-2009

Upon completion of the program, students are eligible to sit for the national certification examination at the technologist level by the American Society for Clinical Pathology and the National Credentialing Agency and for licensure by the Florida Board of Clinical Laboratory Personnel.

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Submission of a completed application for the Clinical Laboratory Science Certificate program to the Division of Health Sciences.
3) Graduation from a baccalaureate level program from an accredited college or university documented by official transcripts. Degrees in the chemical or biological sciences are recommended.
4) Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.
5) Applicants may apply for summer admission.
6) Complete the following prerequisite courses or the equivalent with a grade of C or above:
   a) Biology (with Microbiology) 16 credit hours
   b) Chemistry (with Organic or Biochemistry) 16 credit hours
   c) Mathematics 3 credit hours
7) The following prerequisite courses or the equivalent are recommended:
   a) Genetics
   b) Immunology

1. Required Courses (39 hrs)
   MLS 3038C Essentials of CLS (3)
   MLS 3220C Biological Fluid Analysis (2)
   MLS 4191C Molecular Diagnostics (3)
   MLS 4308C Hematology/Hemostasis (3)
   MLS 4404 Diagnostic Microbiology (3)
   MLS 4505C Clinical Immunology (2)
   MLS 4550C Immunohematology & Transfusion (3)
   MLS 4627C Clinical Biochemistry (3)
   MLS 4820C Clinical Biochemistry Practicum (3)
   MLS 4821C Clinical Microbiology Practicum (3)
   MLS 4822C Clinical Hematology Practicum (3)
   MLS 4823C Clinical Immunohematology Practicum (3)
   MLS 4826C Clinical Immunology Practicum (2)
   MLS 4482 Diagnostic Virology/Mycology/Parasitology (3)

TOTAL SEMESTER HOURS REQUIRED 39 HRS

Additional Graduation Requirements
• Earn a minimum of 39 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
• Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.

Acceptable Substitutes
• MLS 4404: May use MCB 4203C
• MLS 4462: May use MCB 4507C

COMPLIANCE SPECIALIST CERTIFICATE
College of Professional Studies
Division of Legal Studies
Web Address: http://cps.fgcu.edu/cj/ls/index.html
Catalog Year 2008-2009

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Graduation from a baccalaureate level program from a regionally accredited institution documented by official transcripts.

Applicants may apply for fall or spring admission. These courses are offered on-line as well as on weekends in intensive sessions and require additional fees/costs. Students who desire to apply the compliance courses toward the master’s degree should be aware of limitations regarding acceptance of coursework earned while in non-degree-seeking status. For more information please contact Dr. Barringer at 239-590-7849 or Tbarring@fgcu.edu.

1. Required Courses (15 hrs)
   CCJ 5021 Compliance Ethics & Control (3)
   CCJ 5087 Regulation of Business Conduct (3)
   CCJ 6197 Interviewing & Investigation (3)
   CJL 6429 Forensic Financial Investigation (3)
   HSA 5425 Regulation of Medical Industry (3)

TOTAL SEMESTER HOURS REQUIRED 15 HRS

EARLY CHILDHOOD SPECIAL EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

This program is intended for students who wish to obtain the certificate offered through the Florida Department of Health as an Infant, Toddler Developmental Specialist and/or obtain the Department of Education Pre-K Handicap endorsement.

Admission Requirements
• Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
• Submission of a completed application for the Early Childhood Education Certificate program.
• Graduation from a baccalaureate level program in a related course of study from an accredited college or
university with an undergraduate GPA of at least 2.5 documented by official transcripts.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
EEX 6017 Typical & Atypical Development (4)
EEX 6708 Team Process & Collaboration in Early Childhood (3)
EEX 6207 Medical Complexity & Low Incidence Syndromes in Young Children (3)
EEX 6206 Curriculum Planning & Intervention for Young Children (4)
EEX 6213 Assessment of Young Children (4)

ELEMENTARY EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
• Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.
• Submission of a completed application for the Elementary Education Certificate program.
• Verification of 30 hours in the certification-seeking area or a passing score on the FTCE Subject Area Exam.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
EDF 6215 Learning Principles
EDG 6627 Foundations of Curriculum & Instruction
EDF 6259 Classroom Management and Organization
EDF 6606 Socio-Economic Foundations of American Education
LAE 6337 Reading and Writing in the Content Areas
EDE 6303 Effective Teaching in Inclusive Classrooms

HEALTH SERVICES ADMINISTRATION CERTIFICATE
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2008-2009

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Submission of a completed application for the Health Services Administration Certificate program to the Division of Health Sciences.
3) Graduation from a baccalaureate level program or a graduate degree from an accredited college or university documented by official transcripts.
4) Minimum score of 550 on TOEFL or 6.5 or IELTS for international students who speak English as a second language.

Applicants may apply for either spring or fall admission.

1. Required Courses (15 hrs)
   HSA 5115 Health Services Management and Operations (3)
   HSA 6155 Health Policies and Economic Issues in Health Services Organizations (3)
   HSA 6179 Models of Financial Management and Operations (3)
   HSA 6342 Human Resource Management for Health Care Managers (3)
   HSA 6385 Planning, Evaluation, and Quality Management (3)

2. Electives (6 hrs)
   Select 6 hours from the following:
   HSA 5103 US Models of Health Care Practice (3)
   HSA 5112 Comparative Health Services Delivery Systems (3)
   HSA 5126 Concepts & Principles of Managed Care (3)
   HSA 5225 Long Term Care Administration (3)
   HSA 6149 Planning & Mktg Health Services (3)
   HSA 6198 Informatics and Health Management Information Systems (3)
   HSA 6930 Topics in Health Services Admin (1-6)
   HSA 6933 Entrepreneurship in Health Services Administration (3)
   HSA 6942 Health Services Administration Internship (3)
   IHS 6112 Legal & Ethical Aspect of Health Care (3)
   Or other electives as approved by the advisor.

TOTAL SEMESTER HOURS REQUIRED 21 HRS

Additional Graduation Requirements
• Earn a minimum of 21 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
• Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.

PRIMARY HEALTH CARE NURSE PRACTITIONER CERTIFICATE
College of Health Professions
School of Nursing
Web Address: http://www.fgcu.edu/chp/nursing/
Catalog Year 2008-2009

The program leading to a post-master’s certificate in Primary Health Care is designed to prepare registered nurses who possess MSN degrees to become certified as Family Nurse Practitioners (FNP). This program is available on a part-time or full-time basis.

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Master’s degree in nursing from a nationally accredited program with cumulative GPA of 3.0 or higher on 4.0 scale.
3) Submission of official transcripts from each post secondary institution attended.
4) Current and unrestricted RN license with eligibility for Florida Licensure.

Program Prerequisites
1) Advanced Physiology/Pathophysiology
2) Advanced Health Assessment (Competency Validation Required)
3) Concepts and Roles of Advanced Practice (taken within past five years)

Required Courses (20 hrs)
- NGR 6192 Advanced Therapeutics (3)
- NGR 6240C Primary Health Care I (5)
- NGR 6741C Primary Health Care II (3)
- NGR 6330C Primary Health Care III (3)
- NGR 6252C Primary Health Care IV (6)

Additional Graduation Requirements
• Earn a minimum of 20 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.

Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.

SECONDARY EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
• Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.
• Submission of a completed application for the Secondary Education Certificate program.
• Verification of 30 hours in the certification-seeking area or a passing score on the FTCE Subject Area Exam.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
- EDF 6215 Learning Principles
- EDG 6627 Foundations of Curriculum and Instruction
- EDF 6259 Classroom Management and Organization
- EDF 6606 Socio-Economic Foundations of American Education
- LAE 6337 Reading and Writing in the Content Areas
- EEX 6025 Foundations of Special Education

Select one of the following:
- LAE 6325 Language Arts Methods 6-12
- MAE 6336 Math Methods 6-12
- SCE 6336 Science Methods 6-12
- SSE 6326 Social Science Methods 6-12

SPECIAL EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2008-2009

Admission Requirements
• Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
• Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.
• Submission of a completed application for the Special Education Certificate program.
• Verification of 30 hours in the certification-seeking area or a passing score on the FTCE Subject Area Exam.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
- EDF 6215 Learning Principles
- EDG 6627 Foundations of Curriculum and Instruction
- EDF 6259 Classroom Management and Organization
- EDF 6606 Socio-Economic Foundations of American Education
- LAE 6337 Reading and Writing in the Content Areas
- EEX 6025 Foundations of Special Education

Select one of the following:
- LAE 6325 Language Arts Methods 6-12
- MAE 6336 Math Methods 6-12
- SCE 6336 Science Methods 6-12
- SSE 6326 Social Science Methods 6-12
COMMON COURSE NUMBERING
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</th>
<th>Century Digit</th>
<th>Decade Digit</th>
<th>Unit 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>
</tbody>
</table>

Sociology, Freshman Level at this institution
Entry-level General Sociology
Social Problems (Survey Crse.)
Social Problems
No Lab component in this course

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 subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses
Section 1007.24(7), Florida Statutes, states: Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency
The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution.
B. 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 Cathy Duff in the Office of Curriculum and Instruction or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427, SunCom 205-0427 or via the internet at http://scns.fldoe.org.
### Course Descriptions

Course descriptions, prerequisites, corequisites are available on the FGCU website at http://admin.fgcu.edu/is/applications/banner/coursedesc.asp

### Availability of Courses

The university does not offer all of the courses listed in the catalog each year. The Schedule of Classes should be consulted to determine which courses are offered each semester.

### Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG</td>
<td>Accounting: General</td>
</tr>
<tr>
<td>ADV</td>
<td>Advertising</td>
</tr>
<tr>
<td>AEB</td>
<td>Agriculture Economics and Bus.</td>
</tr>
<tr>
<td>AFA</td>
<td>African-American Studies</td>
</tr>
<tr>
<td>AFH</td>
<td>African History</td>
</tr>
<tr>
<td>AFS</td>
<td>African Studies</td>
</tr>
<tr>
<td>AMH</td>
<td>American History</td>
</tr>
<tr>
<td>AML</td>
<td>American Literature</td>
</tr>
<tr>
<td>AMS</td>
<td>American Studies</td>
</tr>
<tr>
<td>ANT</td>
<td>Anthropology</td>
</tr>
<tr>
<td>ARE</td>
<td>Education: Art Education</td>
</tr>
<tr>
<td>ARH</td>
<td>Art History</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
</tr>
<tr>
<td>ASH</td>
<td>Asian History</td>
</tr>
<tr>
<td>ASN</td>
<td>Asian Studies</td>
</tr>
<tr>
<td>AST</td>
<td>Astronomy</td>
</tr>
<tr>
<td>BCH</td>
<td>Biochemistry (Biophysics)</td>
</tr>
<tr>
<td>BOT</td>
<td>Botany</td>
</tr>
<tr>
<td>BSC</td>
<td>Biological Science</td>
</tr>
<tr>
<td>BUL</td>
<td>Business Law</td>
</tr>
<tr>
<td>CAP</td>
<td>Computer Applications</td>
</tr>
<tr>
<td>CBH</td>
<td>Comparative Psy &amp; Anim. Beh.</td>
</tr>
<tr>
<td>CCI</td>
<td>Criminal Justice</td>
</tr>
<tr>
<td>CDA</td>
<td>Computer Design/Arch.</td>
</tr>
<tr>
<td>CEN</td>
<td>Computer Engineering</td>
</tr>
<tr>
<td>CGS</td>
<td>Computers General Studies</td>
</tr>
<tr>
<td>CHI</td>
<td>Chinese</td>
</tr>
<tr>
<td>CHM</td>
<td>Chemistry</td>
</tr>
<tr>
<td>CHS</td>
<td>Chemistry – Specialized</td>
</tr>
<tr>
<td>CJC</td>
<td>Corrections</td>
</tr>
<tr>
<td>CJE</td>
<td>Law Enforcement</td>
</tr>
<tr>
<td>CJJ</td>
<td>Juvenile Justice</td>
</tr>
<tr>
<td>CJL</td>
<td>Law &amp; Process</td>
</tr>
<tr>
<td>CLP</td>
<td>Clinical Psychology</td>
</tr>
<tr>
<td>CMM</td>
<td>Creek/Muskogee/Mikasuki</td>
</tr>
<tr>
<td>COM</td>
<td>Communication</td>
</tr>
<tr>
<td>COP</td>
<td>Computer Programming</td>
</tr>
<tr>
<td>COT</td>
<td>Computer Theory</td>
</tr>
<tr>
<td>COP</td>
<td>Comparative Politics</td>
</tr>
<tr>
<td>CPS</td>
<td>Comparative Policy Studies</td>
</tr>
<tr>
<td>CRW</td>
<td>Creative Writing</td>
</tr>
<tr>
<td>DAA</td>
<td>Dance Activities</td>
</tr>
<tr>
<td>DEP</td>
<td>Developmental Psychology</td>
</tr>
<tr>
<td>ECO</td>
<td>Economics</td>
</tr>
<tr>
<td>ECP</td>
<td>Economic Problems &amp; Policy</td>
</tr>
<tr>
<td>ECS</td>
<td>Economic Systems &amp; Development</td>
</tr>
<tr>
<td>EDA</td>
<td>Educational Administration</td>
</tr>
<tr>
<td>EDE</td>
<td>Education: Elementary</td>
</tr>
<tr>
<td>EDF</td>
<td>Education: Found. &amp; Policy</td>
</tr>
<tr>
<td>EDG</td>
<td>Education: General</td>
</tr>
<tr>
<td>EDM</td>
<td>Education: Middle School</td>
</tr>
<tr>
<td>EDS</td>
<td>Education Supervision</td>
</tr>
<tr>
<td>EEC</td>
<td>Education: Early Childhood</td>
</tr>
<tr>
<td>EED</td>
<td>Education: Emotional Disorders</td>
</tr>
<tr>
<td>EEL</td>
<td>Engineering: Electrical</td>
</tr>
<tr>
<td>EEX</td>
<td>Education: Excp. Child Core</td>
</tr>
<tr>
<td>EGC</td>
<td>Education: Guid. &amp; Counseling</td>
</tr>
<tr>
<td>EGI</td>
<td>Education: Gifted</td>
</tr>
<tr>
<td>EGN</td>
<td>Engineering</td>
</tr>
<tr>
<td>ELD</td>
<td>Education: Spec. Learn. Disab</td>
</tr>
<tr>
<td>EME</td>
<td>Education: Technology &amp; Media</td>
</tr>
<tr>
<td>EMR</td>
<td>Education: Mental Retardation</td>
</tr>
<tr>
<td>ENC</td>
<td>English Composition</td>
</tr>
<tr>
<td>ENG</td>
<td>English - General</td>
</tr>
<tr>
<td>ENL</td>
<td>English Literature</td>
</tr>
<tr>
<td>ENS</td>
<td>English as a Second Language</td>
</tr>
<tr>
<td>ESE</td>
<td>Education: Secondary</td>
</tr>
<tr>
<td>ESL</td>
<td>English as Second Language</td>
</tr>
<tr>
<td>EUH</td>
<td>European History</td>
</tr>
<tr>
<td>EUS</td>
<td>European Studies</td>
</tr>
<tr>
<td>EVR</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>EVS</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>EXP</td>
<td>Experimental Psychology</td>
</tr>
<tr>
<td>FIL</td>
<td>Film</td>
</tr>
<tr>
<td>FIN</td>
<td>Finance</td>
</tr>
<tr>
<td>FRE</td>
<td>French Language</td>
</tr>
<tr>
<td>GEO</td>
<td>Geography: Regional Areas</td>
</tr>
<tr>
<td>GEB</td>
<td>General Business</td>
</tr>
<tr>
<td>GEY</td>
<td>Geography: Systematic</td>
</tr>
<tr>
<td>GER</td>
<td>German</td>
</tr>
<tr>
<td>GEY</td>
<td>Gerontology</td>
</tr>
<tr>
<td>GLY</td>
<td>Geology</td>
</tr>
<tr>
<td>GRA</td>
<td>Graphic Arts</td>
</tr>
<tr>
<td>GRE</td>
<td>Classical Greek (Language Study)</td>
</tr>
<tr>
<td>HEB</td>
<td>Ancient Hebrew</td>
</tr>
<tr>
<td>HFT</td>
<td>Hospitality Management</td>
</tr>
<tr>
<td>HIS</td>
<td>General History</td>
</tr>
<tr>
<td>HLP</td>
<td>Health/Leisure/Physical Education</td>
</tr>
<tr>
<td>HSA</td>
<td>Health Services Administration</td>
</tr>
<tr>
<td>HSC</td>
<td>Health Sciences</td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities</td>
</tr>
<tr>
<td>HUN</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>HUS</td>
<td>Human Services</td>
</tr>
<tr>
<td>IDH</td>
<td>Interdisciplinary Honors</td>
</tr>
<tr>
<td>IDS</td>
<td>Interdisciplinary Studies</td>
</tr>
<tr>
<td>IHS</td>
<td>Interdisciplinary Health Svcs</td>
</tr>
<tr>
<td>INP</td>
<td>Indust. &amp; Applied Psychology</td>
</tr>
<tr>
<td>INR</td>
<td>International Relations</td>
</tr>
<tr>
<td>ISC</td>
<td>Interdisciplinary Science</td>
</tr>
<tr>
<td>ISM</td>
<td>Computer Information Systems</td>
</tr>
<tr>
<td>ISS</td>
<td>Interdisc. Social Sciences</td>
</tr>
<tr>
<td>ITA</td>
<td>Italian Language</td>
</tr>
<tr>
<td>JOU</td>
<td>Journalism</td>
</tr>
<tr>
<td>JPN</td>
<td>Japanese</td>
</tr>
<tr>
<td>KOR</td>
<td>Korean Language</td>
</tr>
<tr>
<td>LAE</td>
<td>Language Arts &amp; English Ed.</td>
</tr>
<tr>
<td>LAT</td>
<td>Latin (Language Study)</td>
</tr>
<tr>
<td>LEI</td>
<td>Leisure</td>
</tr>
<tr>
<td>LAH</td>
<td>Latin American History</td>
</tr>
<tr>
<td>LAS</td>
<td>Latin American Studies</td>
</tr>
<tr>
<td>LIN</td>
<td>Linguistics</td>
</tr>
<tr>
<td>LIS</td>
<td>Library Science</td>
</tr>
<tr>
<td>LIT</td>
<td>Literature</td>
</tr>
<tr>
<td>MAA</td>
<td>Mathematics-Analysis</td>
</tr>
<tr>
<td>MAC</td>
<td>Math Calculus &amp; Precalculus</td>
</tr>
<tr>
<td>MAD</td>
<td>Mathematics-Discrete</td>
</tr>
<tr>
<td>MAE</td>
<td>Education: Mathematics Ed</td>
</tr>
<tr>
<td>MAN</td>
<td>Management</td>
</tr>
<tr>
<td>MAP</td>
<td>Mathematics Applied</td>
</tr>
<tr>
<td>MAR</td>
<td>Marketing</td>
</tr>
<tr>
<td>MAS</td>
<td>Mathematics-Algebraic Struct.</td>
</tr>
<tr>
<td>MAT</td>
<td>Mathematics</td>
</tr>
<tr>
<td>MCB</td>
<td>Microbiology</td>
</tr>
<tr>
<td>MGF</td>
<td>Mathematics-General &amp; Finite</td>
</tr>
<tr>
<td>MHF</td>
<td>Mathematics-History &amp; Found.</td>
</tr>
<tr>
<td>MHS</td>
<td>Ed Counseling Mental Hlth Svcs</td>
</tr>
<tr>
<td>MLS</td>
<td>Medical Lab. Science</td>
</tr>
<tr>
<td>MMC</td>
<td>Mass Media Communication</td>
</tr>
</tbody>
</table>
MTG Math-Topology & Geometry
MUE Music: Education
MUH Music: History/Musicology
MUL Music Literature
MUN Music Ensembles
MUS Music
MUT Music: Theory
MVB Applied Music: Brasses
MVK Applied Music: Keyboard
MVS Applied Music: Strings
MVV Applied Music: Voice
MWW Applied Music: Woodwinds
NGR Nursing, Graduate
NUR Nursing Undergraduate
OCC Biological Oceanography
OCE Oceanography: General
OGT Geological Oceanography
ORH Ornamental Horticulture
ORI Oral Interpretation
OTH Occupational Therapy
PAD Public Administration
PCB Process Biology
PEL Phys. Edu. Acts. – (Gen) Object Centrd., Land
PET Education: Physical Ed Theory
PGY Photography
PHH Philosophy, History of
PHI Philosophy
PHM Philosophy of Man and Society
PHP Philosophers and Schools
PHT Physical Therapy
PHY Physics
PHZ Physics (continued)
PLA Paralegal/Legal Assistant/Legal Administration
POR Portuguese Language
POS Political Science
POT Political Theory
PPE Personality
PSB Psychobiology
PSY Psychology
PUP Public Policy
PUR Public Relations
QMB Quant. Methods in Business
REA Reading
RED Reading Education
REE Real Estate
REL Religion
RMI Risk Mngt. & Insurance
RTT Radio/Television Technology
RTV Radio/Television
RUS Russian Language
SCE Education: Science Education
SDS Education: Student Develop Svcs
SLS Student Life Skills (Learning)
SOP Social Psychology
SOW Social Work
SPA Speech Path. & Audiology
SPC Speech Communication
SPM Sports Management
SPN Spanish Language
SPT Spanish Lit. in Translation
SPW Spanish Lit. (Writings)
SSC Social Science Elective
SSE Education: Social Studies Ed
STA Statistics
SYA Sociological Analysis
SYD Socio. of Demo. & Area Studies
SYG Sociology, General
SYO Social Organization
SYP Social Processes
TAX Taxation
THE Theatre
TPA Theatre Prod. & Admin.
TPP Theatre Perf. & Perf. Training
TSL Teaching Eng. as Second Lang.
URP Urban and Regional Planning
WOH World History
WST Women’s Studies
ZOO Zoology
AGC 2021 Core Concepts in Accounting I 3 credits
Accounting information needs of various stakeholders, including managers, owners and creditors (capital markets), governmental agencies, and others. Topics include accounting and business vocabulary, the accounting process, income measurements, cash flow analysis, assets, liabilities, and financial statement content and analysis.
Prerequisites: CGS 1100 with a minimum grade of C

AGC 2071 Core Concepts of Accounting II 3 credits
Introduction to core concepts of financial and managerial accounting. Focus on managerial decision making and information needs of managers. Topics include break-even analysis, traditional and non-traditional measures of performance, capital budgeting, TQM, ISO-9000, and the global economy.
Prerequisites: ACG 2021 with a minimum grade of C

AGC 2091 Accounting Tools 2 credits
A course designed to prepare students to major in accounting. Course topics focus not only on gaining a clear understanding of business transactions, but also on how to use accounting facts and procedures in various business contexts. (May be taken concurrently with AGC 2071).
Prerequisites: CGS 1100 with a minimum grade of B and ACG 2021 with a minimum grade of B

AGC 3103 Financial Report & Analysis I 4 credits
Studies the measurement, reporting, and analysis of financial information under generally accepted accounting principles (GAAP). Selected topics include standard setting, conceptual framework, accounting process, financial statements, time-value of money, cash, receivables, inventory, property plant and equipment, current and long-term liabilities, and an introduction to stockholders' equity.
Prerequisites: ACG 2071 with a minimum grade of B and ACG 2091 with a minimum grade of B and ACG 2021 with a minimum grade of B

AGC 3113 Financial Report & Analysis II 3 credits
Studies the measurement, reporting, and analysis of financial information under generally accepted accounting principles (GAAP) beyond Financial Reporting & Analysis I. Selected topics include stockholders' equity, earnings per share, investments, revenue recognition, income tax accounting, pensions, leases, accounting changes, cash flows, and full disclosures in Financial Reporting.
Prerequisites: ACG 3103 with a minimum grade of C

AGC 3341 Cost Accounting 3 credits
A thorough study of the principles and techniques used to accumulate costs for inventory valuation, product, service pricing and managerial decision making. Topics include problems and procedures related to job-order, process, and activity based costing systems, as well as budgeting, standard costing and variances and cost allocations.
Prerequisites: ACG 2071 with a minimum grade of B and CGS 1100 with a minimum grade of B

AGC 3401 Accounting Information Systems 3 credits
Primary processes, or cycles, of organizations, and the risks associated with each event in the processes. Emphasis is placed on controlling risks and minimizing the potential impact they have on businesses. Topics include sales cycle, purchases cycle, payroll cycle, controls, general ledger architecture, and event based information systems.
Prerequisites: ACG 2071 with a minimum grade of B and ACG 2021 with a minimum grade of B and ISM 3011 with a minimum grade of C

AGC 4501 Government & Not-for-Profit 3 credits
Application of financial and managerial accounting and auditing principles and theory to both governmental and not-for-profit entities.
Prerequisites: ACG 3103 with a minimum grade of C

AGC 4632 Independent Audit I 3 credits
Studies the role of the auditor and client in independent audits guided by generally accepted auditing standards (GAAS). The auditing profession, process, and applications provide the foundation for this course.
Prerequisites: ACG 3401 with a minimum grade of C and ACG 3113 with a minimum grade of C

AGC 4684 Fraud Investigation 3 credits
The course furthers problem solving ability by increasing the student's knowledge of modern fraud and financial investigations. Topics covered include the nature of fraud, detecting and preventing fraud, and various methods of proof for investigations.
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

AGC 4901 Directed Study in Accounting 1 to 3 credits
Students explore current topics in accounting. A detailed research project must be completed under faculty supervision. (Senior standing and permission of instructor required)

AGC 4939 Special Topics in Accounting 3 credits
Topics of special or current interest, such as history and evolution of accounting standards, accounting methods for specific industries, and emerging issues. (Senior standing)

AGC 4940 Accounting Internship 3 credits
Supervised work experience in accounting. Students must obtain prior approval from the Accounting Internship Coordinator and submit a written report at the end of the internship. (S/U only) (Departmental approval required)
Prerequisites: ACG 3103 with a minimum grade of C and ACG 3401 with a minimum grade of C

AGC 5655 Independent Audit II 3 credits
Expands upon Independent Audit I to include topics on the development of auditing as a profession and the current issues faced by those in the profession. Readings are drawn primarily from contemporary literature in the field. In addition, reviews and compilations, international auditing issues, and governmental auditing will be covered.
Prerequisites: ACG 4632

AGC 6025 Accting Fundamentals for Mgrs 3 credits
A study of the users and uses of accounting information for decision making. The economic impacts of business transactions and the flow of related data through accounting information systems are explored. Topics include accounting systems, data needs of different users of accounting information, accrual vs. cash flow measures of performance, cost systems, and decision analysis tools. (Course does not meet Florida CPA requirements.)

AGC 6075 Managerial Accounting 3 credits
An examination of the role of accounting information in managing economic organizations. Emphasis on the efficient allocation and consumption of resources and the need for managers to recognize and respond to challenges and opportunities in a high-tech, global market economy.
Prerequisites: ACG 6025

AGC 6135 Accounting Theory 3 credits
Analysis of trends in accounting through the review of various professional publications and official pronouncements. Completion of an in-depth review of a current topic is required.
Prerequisites: ACG 3113

AGC 6205 Acct for Complex Organizations 3 credits
The application of generally accepted accounting principles to corporations with investments in subsidiaries. Topics include the preparation of consolidated financial statements and consideration of other complicating factors, such as minority interest, intercompany transactions, and the introduction to international operations. In addition, the accounting issues of bankruptcy, partnerships, branch operations, lever-aged buyouts and takeovers are covered.

**Prerequisites:** ACG 3113

**ACG 6255** International Accounting 3 credits
Introduces students to financial statements prepared by non-US based businesses. Topics include the differences in accounting standards between those that prevail in the US and those of the host country, and the cultural differences between the countries. Particular attention is paid to business entities based in the Greater Caribbean Basin and Western Europe.

**Prerequisites:** ACG 3113

**ACG 6346** Advanced Cost Accounting 3 credits
Advanced study of issues facing accountants in industry. Topics include the Statements on Management Accounting, environmental accounting, target costing, balanced scorecard technique for measuring total business unit performance, and financial measures of performance such as economic value added.

**Prerequisites:** ACG 3341

**ACG 6405** Adv Acct Information Systems 3 credits
Builds on systems and accounting knowledge gained in undergraduate programs. (Prerequisite may be waived with permission of instructor.)

**Prerequisites:** ACG 3401

**ACG 6905** Directed Study in Accounting 1 to 3 credits
Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required)

**ACG 6935** Special Topics in Accounting 1 to 4 credits
A comprehensive survey of selected contemporary issues and topics in accounting at the graduate level. Individual investigation and reporting emphasized in seminar fashion.

**ACG 6940** Accounting Internship 3 credits
An experiential learning exercise that allows for practical application of knowledge acquired in the classroom. Special emphasis will be placed on discussing how these problems are (or are not) dealt with in our society.

**Prerequisites:** ACG 3013 and ACG 3401

**ADV 3001** Creative Strategy 3 credits
The development of effective strategies and creative executions used in advertising communications including skill-building preparation of creative briefs, copywriting, and design for print, broadcast, out-of-home, and alternative media.

**Prerequisites:** ADV 3008 with a minimum grade of C or MAR 3023 with a minimum grade of C

**ADV 3008** Principles of Advertising 3 credits
Introduction to the role of advertising communication in society, business and economics. Topics include historical perspectives, ethics, research and evaluation, objective setting/strategies planning for creativity, and mass media, within marketing planning. (Junior standing required)

**ADV 3101** Promotional Writing & Design 3 credits
Introduction to promotional writing across various media and visualizing work using Adobe InDesign. A skill development seminar in a "creative shop" environment covering a range of topics in advertising, public relations, and sales promotion.

**Prerequisites:** ADV 3008 with a minimum grade of C or MAR 3023 with a minimum grade of C

**ADV 3300** Advertising Media Planning 3 credits
Strategies and techniques required to develop effective advertising plans, negotiation, media buying, and sales.

**Prerequisites:** ADV 3008 with a minimum grade of C or MAR 3023 with a minimum grade of C

**AEB 4025** Amer Agriculture & Society 3 credits
The role of American agricultural industry in society will be investigated. Agricultural technologies, processes and production capacity will be viewed with implications to human society. Class activities and field trips will be an integral part of the course.

**AFA 2000** Intro Afr & Diaspora Studies 3 credits
Introduction to the sociological study of the issues of race, sex, and social class, including the treatment of these issues by society. At least 6,000 words of graded written work are required (Gordon Rule).

**AFA 3900** Directed Readings 1 to 3 credits
Under the guidance and supervision of an instructor, students develop a program of reading and possibly research which fits their individual interest, needs, or topic.

**AFA 3910** Directed Independent Study 1 to 3 credits
An opportunity for students to engage in research of their choice in special areas of interest. The research may be carried out on an individual or group basis but must be under the supervision of the instructor. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

**AFA 3931** Sel. Topics in Afr. & Dias. St 3 credits
An introduction to the sociological study of the issues of race, sex, and social class, examining a number of issues facing American society today and how these issues are inter-related. Special emphasis will be placed on discussing how these problems are (or are not) dealt with in our society.

**AFA 4150** Africa & the United States 3 credits
An examination of the historical and current political, economic, and cultural relations between the United States and Africa.

**AFA 4311** Social Inst. & the Afr-Am Comm 3 credits
A study of social institutions as they relate to the Africa-American Community.

**AFA 4335** Women of Color in the U.S. 3 credits
An interdisciplinary survey of the contemporary experience of women of color in the United States, including a discussion of the socio-historical and cultural histories, myths and realities of these women.

**AFH 3100** African History to 1850 3 credits
An outline survey of pre-colonial African history including a prefatory introduction to the use of primary sources (such as archaeology, oral tradition, cultural anthropology, comparative linguistics, documents) in reconstructing the African past.

**AFH 3200** African History since 1850 3 credits
Survey of the Colonial and post-colonial history of Africa. Emphasis on the impact of European and other alien influences on the continent, emergence of independent African states, and post-independence problems of nation building and economic development.

**AFH 3454** The Africans 3 credits
History and contemporary life of Africa through its critical
indigenous, Islamic, and Western influences. Issues may include African isolation, the development of Islam and Christianity, the development of the international slave trade, and the roots of the continent’s economic and social systems.

AFS 2250 Culture & Society in Africa 3 credits
African religion, value systems, art and the aesthetics, family and life-cycle, impact of Islam and Christianity and conflict of cultures.

AFS 3251 African Environments 3 credits
The natural environments of the African and critical environmental issues are examined within their ecological, cultural, economic, and historical contexts. Multiple sources of information, including scientific data and artistic impression are utilized.
Prerequisites: BSC 1051C with a minimum grade of C

AMH 2010 US History to 1877 3 credits
Survey of American history from pre-Columbian times through the Civil War. Special emphasis is given to critical social, cultural, and political movements and figures. At least 6,000 words of graded written work are required (Gordon Rule).

AMH 2020 US History Since 1877 3 credits
Survey of American history from the Reconstruction Era through the present. Special emphasis is given to critical social, cultural, and political movements and figures. At least 6,000 words of graded written work are required (Gordon Rule).

AMH 3110 American Colonial Hist to 1750 3 credits
Examines the evolution of American society from the earliest European-Native American contact through the eye of the American Revolution. Emphasis is on the transformation of colonial structures, expansion, ethnocultural issues, the rise of slavery, and the development of representative theories of government.

AMH 3130 AM Revolution/Constitution 3 credits
An examination of the economic, political, and social causes of the American Revolution. The writing and ratifying of the American constitution will be the origins of the Constitution; and the Washington and Adams administrations.

AMH 3141 U.S. History 1800-1860 3 credits
Examines American history from 1800-1860. Special emphasis will be placed on the emergence of political parties and social attitudes as well as government policies toward Native Americans and African Americans.

AMH 3172 The Civil War 3 credits
The American Civil War with emphasizes on the complex causes and lasting effects of this conflict of the battles, home fronts, ordinary soldiers, African-Americans, and military and political leaders of this era.

AMH 3201 The U.S., 1877-1929 3 credits
Examines the nature of American history from the end of Reconstruction through the stock market crash of the late 1920s, emphasizing intellectual, political, economic, and social/cultural trends (including civil rights and feminism).

AMH 3252 The U.S. since 1929 3 credits
Examines American history from the Great Depression through the present, emphasizing intellectual, political, economic, and social trends. Discussions of interrelatedness of these movements and of the diverse character of America.

AMH 3421 Early Florida 3 credits
Examines the history of Florida from the time of its first recorded human inhabitants through the creation of the State of Florida with its distinct local and regional characteristics in the years prior to the Civil War.

AMH 3423 Modern Florida 3 credits
Examines Florida history from the Civil War through contemporary time, emphasizing the dramatically changing social, cultural, political, and economic milieu of the state. Geographical and environmental awareness will underscore all aspects of the course.

AMH 3571 African-Amer History to 1865 3 credits
A survey of the black American experience from its roots in Africa through the Civil War. Emphasis is given to developing a critical understanding of the unique nature of the black American experience and the importance of African-American contributions to American history.

AMH 3572 African-Amer Hist since 1865 3 credits
A survey of the black American experience since the Reconstruction Era. Emphasis is given to developing a critical understanding of the unique nature of the black American experience, the importance of African-American contributions to American history, and the significance of contemporary civil rights.

AMH 3930 Undergrad. Sem. in Amer. Hist. 3 credits
Emphasizes selected historical issues or problems of particular interest to students. Topics may vary and will incorporate interdisciplinary approaches.

AMH 4270 U.S. in the Cold War 3 credits
Examines American involvement in the Cold War. Special emphasis will be placed on the evolution of American foreign policy and how the Cold War affected American culture.

AMH 4428 Southwest Florida History 3 credits
Intensive examination of the regional human experience in Southwest Florida, beginning with the movements of humans into the peninsula 12,000 years ago. Traces the complex developments in this region through European contact, colonialism, statehood, Civil War and Reconstruction, land boom, depression, wartime, and the second land boom modern era.

AMH 4512 Diplomatic History of the U.S. 3 credits
Examines the history of American Diplomacy from its formation during the Revolutionary era to the present. Emphasis will be placed on how American social development has influenced its diplomacy.

AMH 4550 Constitutional Hist of the US 3 credits
The origins and growth of American constitutional theory from colonial times to the present. Emphasis will be placed on the role of the Supreme Court in relation to political and constitutional issues.

AMH 6116 American Colonial Hist 3 credits
Examines the evolution of American society from the earliest European-Native American contact through the eye of the American Revolution. Emphasis is on the transformation of colonial structures, expansion, ethnocultural issues, the rise of slavery, and the development of representative theories of government.

AMH 6139 Revolutionary America 3 credits
Examines the political, social and economic history of British America, 1760-1788 from the end of the Seven Years War to the administration of John Adams.

AMH 6155 U.S. 1800-1860 3 credits
Examines the political and cultural history of the United
States from the election of Thomas Jefferson to the secession of South Carolina from the union.

**AML 6207 U.S. History since 1929** 3 credits
Examines American history from the Great Depression through the present, emphasizing intellectual, political, economic, and social trends. Discussion of the interrelatedness of these movements and of the diverse character of America.

**AMH 6278 U.S. in the Cold War** 3 credits
This course focuses on the political and cultural issues faced by the United States during the period of the Cold War. Special attention is given to the movement from isolationism to interventionism, McCarthyism, and the rise of postwar conservatism.

**AMH 6424 Modern Florida** 3 credits
Examines Florida history from the Civil War through contemporary time, emphasizing the dramatically changing social, cultural, political, and economic milieu of the state. Geographical and environmental awareness will underscore all aspects of the course.

**AMH 6576 African-Am Hist to 1865** 3 credits
An examination of the black American experience from its roots in Africa through the Civil War. Emphasis is given to developing a critical understanding of the distinct nature of the black American experience and the importance of African-American contributions to U.S. history.

**AMH 6577 African-Am Hist since 1865** 3 credits
An examination of the black American experience since the Reconstruction Era. Emphasis is given to developing a critical understanding of the unique nature of the black American experience, the importance of African-American contributions to American history, and the significance of contemporary civil rights.

**AMH 6915 Research American History** 3 credits
Research in primary and secondary sources on aspects of important subjects in American history.

**AMH 6939 Seminar in American History** 3 credits
Readings seminar in selected topics and problems in American history.

**AML 2010 Literature & Culture of US, I** 3 credits
Survey of the literature of the United States from Native American Oral Traditions to the Civil War. Centers on both canonical and marginal texts in their cultural and historical contexts. Prerequisites:

**AML 2020 Literature & Culture of US, II** 3 credits
Survey of the literature of the United States from the Civil War to the present. Centers on both canonical and marginal texts in their cultural and historical contexts. Prerequisites:

**AML 3213 Early American Lit & Culture** 3 credits
Readings course on the literature and culture of the exploration and colonization of the new world, as well as of the early national period of the United States. Intense study of authors/works and their contexts.

**AML 3220 19th Cent US Lit & Culture** 3 credits
Readings course on the literature and culture of the nineteenth century in the United States. Intense study of authors/works and their contexts.

**AML 3242 20th Cent US Lit & Culture** 3 credits
Readings course on the literature and culture of the twentieth century in the United States. Intense study of authors/works and their contexts.

**AML 4111 US Novels of the 19th Century** 3 credits
Seminar beginning with the rise of the novel in the United States in the eighteenth century and then charting its development to the Modern era.

**AML 4121 US Novels of the 20th Century** 3 credits
Seminar on the novel in the United States in the twentieth-century.

**AML 4261 Literature of the South** 3 credits
Seminar on critical study of various Southern writers in the United States in their historical contexts.

**AML 4265 Florida Writers** 3 credits
Seminar on writers who have lived in and/or written about Florida, such as Hemingway, Hurston, Rawlings, and Stevens.

**AML 4300 Selected Authors from U.S.** 3 credits
Seminar on selected writers from the United States. This course may be repeated with a change of content for up to 6 hours.

**AML 4604 Seminar in African-Am Lit** 3 credits
Seminar on selected topics in African-American Literature, including such topics as the Slave Narrative, the Harlem Renaissance, Contemporary African-American Literature, or a selection of African-American writers.

**AML 4624 Lit by Women of Color** 3 credits
Seminar on contemporary women writers of color in the United States: Native-Americans, Asian-Americans, African-Americans, and Latinas. This course is cross-listed under WST 4262.

**AML 4630 Latino Literature** 3 credits
Readings course exploring the multiple identities designated by the term “Hispanic” in the United States as they are represented in literature. Surveys the diversity of Latino poetry and fiction, including works by both popular and lesser-known Hispanic writers.

**AML 4703 The Immigrant Exp in Lit of US** 3 credits
Readings course traces the diverse cultural history of the United States from the 19th century to the present by examining various literary accounts of the immigrant experience. Exploration of the ways that ethnic assimilation tales both reflect and subvert a “melting pot” ideology and consideration of the influence of “new ethnicity” movements on the status of ethnic literature in the post-60s United States.

**AML 4930 Selected Topics/Amer Lit** 3 credits
Seminar with in-depth study of a particular topic or issue as it is dealt with in United States literature and culture.

**AML 6017 American Literature to 1860** 3 credits
Studies in American Literature to 1860.

**AML 6027 Lit. of the U.S. after 1900** 3 credits
Examines literature and criticism within the cultural contexts of the United States since the beginning of the twentieth century.

**AML 6268 Regional U.S. Literature** 3 credits
A study of the literature and culture of a particular geographic region of the United States.
ANT 3143 Archaeology of Europe 3 credits
Explores and analyzes the sequence of cultural development in prehistoric Europe. A variety of cultures and culture areas including Nordic, Celtic, Piths, Roman and Phoenician are examined. An emphasis is place on environmental setting and its relationship to cultural complexity and duration in the archaeological record.
Prerequisites: ANT 2100 with a minimum grade of C or ANT 2410 with a minimum grade of C or ANT 2000 with a minimum grade of C

ANT 3461 Folk Medicine 3 credits
This course examines traditional medical systems and contemporary alternative medicine and related cultural beliefs, behavior, and taboos. The course includes the role of the traditional healer, ethnobotany, and the relationship to biomedicine.
Prerequisites: ANT 2000 with a minimum grade of C or ANT 2410 with a minimum grade of C
Explores how food and food related activities are woven into biological, economic, historic and social aspects of human behavior. With a variable regional focus, students will consider how all foodways including their own relate to biological requirements within cultural contexts.

Prerequisites: ANT 2100 with a minimum grade of C or ANT 2410 with a minimum grade of C or ANT 2000 with a minimum grade of C

ANT 3495 Methods in Anthro Research 3 credits
Introduction to qualitative and quantitative data collection through ethnography, cognitive domain analysis, ethnographic decision modeling, survey creation, and data collection and analysis. The goal of the course is to present an overview of methods available for research and to apply one of the techniques in depth to a community issue.

Prerequisites: ANT 2000 with a minimum grade of C or ANT 2410 with a minimum grade of C

ANT 3520 Forensic Anthropology 3 credits
Forensic anthropology is a survey and analysis of the human anatomy with specific attention to injuries and death pertaining to wrongful criminal conduct and the decomposition of the tissues and skeletal remains. The curriculum also delineates anatomy pursuant to age, sex, and race.

Prerequisites: ANT 2511 with a minimum grade of C

Fee Required

ANT 3640 Language and Culture 3 credits
An applied approach to anthropological linguistics focusing on methods to develop materials for language retention programs in cultures without a written tradition. The goals of the course are to understand the importance of language in cultural identity and the problems faced by minority populations in language retention. Material will cover language structure, description and analysis, language acquisition, language loss, comparative studies of speech, communication, and sociolinguistics.

Prerequisites: ANT 2410 with a minimum grade of C

ANT 3824 Archaeological Field Methods 6 credits
This six-credit field practicum covers many aspects of archaeological field work methods including: reconnaissance survey, site mapping and stratigraphic excavation. Students also gain experience in the use of survey equipment, cartographic illustration and statistical analysis.

Prerequisites: ANT 2100 with a minimum grade of C or ANT 2000 with a minimum grade of C or ANT 2410 with a minimum grade of C or ANT 2511 with a minimum grade of C

ANT 3824L Archaeological Field Lab 3 credits
This three-credit laboratory course complements the archaeological field course. Offered concurrently or separately, the course covers post-excitation analysis and interpretation methods. Students also gain experience in cataloging, curation, preservation and statistical analysis.

Prerequisites: ANT 2000 with a minimum grade of C or ANT 2100 with a minimum grade of C or ANT 2410 with a minimum grade of C or ANT 2511 with a minimum grade of C

Fee Required

ANT 3905 Ind. Study in Anthropology 3 credits
Individual study by students under the direction of a faculty member.

Prerequisites: ANT 2000 with a minimum grade of C or ANT 2410 with a minimum grade of C or ANT 2100 with a minimum grade of C

ANT 4034 History of Anthro Thought 3 credits
A survey of the major schools of anthropological thought taught from an historical perspective. In addition to understanding the background of scientific anthropology, students will become versed in humanistic approaches to contemporary theory.

Prerequisites: ANT 2000 with a minimum grade of C or ANT 2410 with a minimum grade of C

ANT 4241 Magic and Religion 3 credits
Cross-cultural study of the social and cultural aspects of religion. Topics may include religious and magic activities in the traditional and modern societies, and ritual behavior, religious practitioners and symbols of belief and their impact on the social, political or economic aspects of peoples’ lives.

Prerequisites: ANT 2410 with a minimum grade of C or ANT 2000 with a minimum grade of C

ANT 4311 Southeastern Native Americans 3 credits
Survey of prehistoric and historic cultural conditions of the Southeastern United States by focusing on major culture areas. Specific tribes including the indigenous people of Florida will be detailed in ethnography.

Prerequisites: ANT 2000 with a passing grade

ANT 4316 Cultures of the Contemp. South 3 credits
The diversity of the contemporary South through ethnography with special attention to the concept of community, change, and continuity in the region. Contemporary issues facing the area are investigated from an historical perspective.

Prerequisites: ANT 2000

ANT 4462 Medical Anthropology 3 credits
An examination of illness, behavior, biomedical and traditional healing systems from a comparative perspective. Provides insights into the inter-relatedness of technology, ecology, and health in larger populations. At least 6,000 words of graded written work are required (Gordon Rule).

Prerequisites: ANT 2000 with a minimum grade of C or ANT 2511 with a minimum grade of C

ANT 4701 Applied Anthropology 3 credits
Applied anthropology is the practical application of any or all of the subfields of anthropology: cultural, archaeology, physical, and linguistic, to problem-solving in the real world.

Prerequisites: ANT 2410 with a minimum grade of C or ANT 2000 with a minimum grade of C

ANT 4930 Special Topics in Anthropology 3 to 6 credits
Specialized subjects and topics in anthropology. Topics may vary. May be repeated to a maximum of 9 credit hours which topics vary.

Prerequisites: ANT 2000 with a minimum grade of C or ANT 2100 with a minimum grade of C or ANT 2410 with a minimum grade of C

Fee Required

ANT 4931 Senior Seminar in Anthropology 3 credits
Capstone experience focusing on student’s individual research interests and reflection of personal, intellectual development through anthropology.

ANT 4940 Anthropology Internship 3 credits
This course provides students with experiential learning and opportunity to employ anthropological perspective, and methods in settings beyond classroom.

APK 2930 Selected Topics: Human Perform 1 to 4 credits
Current concepts, selected problems or issues pertaining to Human Performance are examined by pre-program majors. Topics vary according to recent developments in Human Performance.
APK 3004C  FND H/R Physical Fitness 3 credits
This course explores health-related physical fitness theories. It provides the student with a foundation to understand the relationship between health-related physical fitness and personal wellness throughout the lifespan.

APK 3312  Pharm & Ergo Aids Sport & HP 2 credits
Examines the function of pharmacological and ergogenic aids as they relate to exercise and injury management. Integrates the knowledge, skill and professional responsibility within pharmacologic and ergogenic aid application.

APK 3931  Selected Topics: Human Perform 1 to 4 credits
Current concepts, selected problems or issues pertaining to Human Performance are examined by program majors. Topics vary according to recent developments in Human Performance.

Fee Required

APK 4110L  Applied Exercise Physiology 3 credits
Students explore in detail the acute and chronic responses to exercise. This course will explore metabolic, neuromuscular, respiratory and cardiovascular physiological concepts and principles with practical application to human performance and sport.
Prerequisites: PHT 3177C

APK 4112  Sport & Human Exer Psychology 3 credits
Students explore in detail concepts related to the psychological aspects surrounding sport and human performance. This course explores psychological concepts and principles from an applied perspective to human performance and sport.
Additional Information: Students will have the opportunity to practice skills related to psychological constructs of physical fitness program design and human performance.
Prerequisites: PSY 2012

APK 4113C  Adv Methods of Strength & Cond 3 credits
Examination of advanced methods on developing muscular fitness for health and skill-related fitness. Course also explores advanced physical fitness conditioning techniques for apparently healthy populations and special populations. Students may enroll in this course with permission of instructor only.
Prerequisites: APK 4125C or APK 3006C

APK 4120C  Clinical Exercise Physiology 3 credits
Studies exercise physiology in populations that have been diagnosed with cardiac, pulmonary, metabolic and musculoskeletal diseases.
Prerequisites: PET 4380C

APK 4122L  Environmental Exercise Phys 3 credits
Study of physiological responses in human performance to environmental stressors.
Prerequisites: APK 4110C

APK 4123  Human Perf and Energy Supplies 3 credits
Examination of relationship between macronutrients, micro-nutrients, metabolic intermediates to human performance.
Prerequisites: PET 3380C

APK 4125C  Fitness Assess/Ex Prescription 3 credits
Examination of physical fitness assessment techniques, procedures and protocols, including how to prescribe exercise for apparently healthy populations and special populations.

APK 4285  Lifespan Development 2 credits
Explores dimensions of development across the lifespan. Development across domains for each age group is examined within the context of society and culture. Attention is paid to individual differences and variations in development and aging.

APK 4930  PDS II Prep for Entering 1 credits
Investigates the aspects of entering health and wellness professions including preparation for the national examinations, licensure, negotiating employment, career development and consultation.

Fee Required

APK 4941L  Experiential Learning I 4 credits
Community-based experience providing an opportunity for the student to apply previously learned concepts and skills.
Additional Information: Students work under the direct supervision of a community professional. Faculty advisors monitor student progress. Practice settings and course activities vary and are negotiated between the student and the course faculty.

Fee Required

ARE 4313  Art for the Child 3 credits
Art for the child methods and materials of using art in the elementary classroom.

Fee Required

ARH 2050  History of the Visual Arts I 3 credits
Introductory survey of artistic styles and traditions from ancient through medieval periods. Emphasis is placed on studying works within their historical and cultural contexts. This course fulfills a Humanities requirement in General Education.

ARH 2051  History of the Visual Arts II 3 credits
Introductory survey of artistic styles and traditions from the Renaissance through contemporary periods. Emphasis is placed on studying works within their historical and cultural contexts. This course fulfills a Humanities requirement in General Education.
Prerequisites:

ARH 2500  Survey of Non-Western Art 3 credits
Introductory survey of styles and traditions in art from African, Asian, Oceanic, and Native American cultures. Emphasis is placed on learning historical terms and methods, and on placing works within their historical and cultural contexts.

ARH 3170  Greek and Roman Art 3 credits
Survey of art and architecture from ancient Aegean, Greek, Hellenistic, Etruscan, and Roman periods. Emphasis is placed on analyzing works within their historical and cultural contexts.
Prerequisites: ARH 2050 with a minimum grade of C

ARH 3200  Medieval Art 3 credits
Survey of art and architecture from Early Christian, Byzantine, Early Medieval, Romanesque, and Gothic periods. Emphasis is placed on analyzing works within their historical and cultural contexts.
Prerequisites: ARH 2050 with a minimum grade of C

ARH 3301  Renaissance and Mannerist Art 3 credits
Survey of art and architecture from Italy and Northern Europe during the fourteenth through sixteenth centuries. Emphasis is placed on analyzing works within their historical and cul-
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 3430</td>
<td>Nineteenth Century Art</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3450</td>
<td>Twentieth Century Art</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3520</td>
<td>African Art</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3530</td>
<td>Asian Art</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3670</td>
<td>Caribbean Art</td>
<td>3</td>
</tr>
<tr>
<td>ARH 4905</td>
<td>Directed Independent Study</td>
<td>3</td>
</tr>
<tr>
<td>ARH 4930</td>
<td>Special Topics in Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 1201</td>
<td>Methods and Concepts I</td>
<td>3</td>
</tr>
<tr>
<td>ART 1203</td>
<td>Methods and Concepts II</td>
<td>3</td>
</tr>
<tr>
<td>ART 1300</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 1301</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>ART 2500</td>
<td>Painting I</td>
<td>3</td>
</tr>
<tr>
<td>ART 2600</td>
<td>Intro to Computer Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ART 2701</td>
<td>Sculpture I</td>
<td>3</td>
</tr>
<tr>
<td>ART 2750</td>
<td>Ceramics I</td>
<td>3</td>
</tr>
<tr>
<td>ART 2759</td>
<td>Introduction to Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ART 3332C</td>
<td>Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 3505</td>
<td>Painting II</td>
<td>3</td>
</tr>
</tbody>
</table>

Prerequisites: ARH 2051 with a minimum grade of C

ART 1301 Drawing II 3 credits
Advanced technical and conceptual drawing skills, with an emphasis on architecture, landscape, and the figure. Related historical and contemporary art works are reviewed.
Prerequisites: ART 1300 with a minimum grade of C or ART 1300C with a minimum grade of C

ART 2500 Painting I 3 credits
Helps students develop the skills/methods of composing images, along with in-depth study of painting techniques. The course will cover related contemporary and historical examples, with a focus on 20th century American and European painting. Issues of presentation including framing, sequencing and discussing work in public will be addressed.
Prerequisites: (ART 1201 with a minimum grade of C or ART 1201C with a minimum grade of C) and (ART 1300 with a minimum grade of C or ART 1300C with a minimum grade of C)

ART 2600 Intro to Computer Imaging 3 credits
Introduction to the creation of computer generated images, image manipulation, appropriate hardware, and design software.
Prerequisites: (ART 1201 with a minimum grade of C or ART 1201C with a minimum grade of C) and (ART 1300 with a minimum grade of C or ART 1300C with a minimum grade of C)

ART 2701 Sculpture I 3 credits
Covers basic sculptural processes: fabrication, carving, modeling, and casting. Modern and contemporary sculptural practices will be stressed, including installation and critical analysis.
Prerequisites: ART 1203 with a minimum grade of C or ART 1203C with a minimum grade of C

ART 2750 Ceramics I 3 credits
An in-depth exploration of traditional ceramic technologies, including processing of local clays, outdoor firings, vessels construction, and non-glaze surface applications.
Prerequisites: Art 4905 and Art 4930

ART 2759 Introduction to Ceramics 3 credits
A broad survey of ceramic products and practices, including wheel throwing and handbuilding methods. A range of firing procedures will be introduced as well as an overview of ceramic history.

ART 3332C Figure Drawing 3 credits
Advanced two-dimensional studio course, focusing on drawing from the live model in a variety of media.
Prerequisites: (ART 1201 with a minimum grade of C or ART 1201C with a minimum grade of C) and (ART 1301 with a minimum grade of C or ART 1301C with a minimum grade of C)

ART 3505 Painting II 3 credits
Students develop skills/methods of acrylic painting, and study historical and contemporary examples of art making. Documentation and portfolio preparation will be discussed.
Prerequisites: ART 2500 with a minimum grade of C or ART
ART 3633  Web Design  3 credits  Principles of effective and functional website design, creation of websites using HTML, and website critique using internet-based course format and on-line learning methods. Prerequisites: ART 2600 with a minimum grade of C or ART 2600C with a minimum grade of C Fee Required

ART 3710  Sculpture II  3 credits  Continued experience in complex three-dimensional techniques emphasizing skills enhancement, conceptual development, contemporary and historical influences, and professional preparation. Prerequisites: ART 2701 with a minimum grade of C or ART 2701C with a minimum grade of C

ART 3738  Casting and Mold Making  3 credits  Introduction to traditional and contemporary foundry techniques, includes projects in clay, plaster, bronze and concrete. Emphasis on advanced craftsmanship and the study of the history of cast sculpture. Prerequisites: ART 2701 with a minimum grade of C or ART 2701C with a minimum grade of C Fee Required

ART 3762  Wheel Throwing  3 credits  An intensive introduction to the potter’s wheel. Includes both functional and non-functional forms, stoneware glazes, gas and electric kiln firing, and the history of utilitarian ceramics. Advanced craftsmanship expected. Prerequisites: ART 2750 with a minimum grade of C or ART 2750C with a minimum grade of C Fee Required

ART 3768  Clay Sculpture  3 credits  Using clay to explore sculptural form in vessel and non-vessel format. Earthenware firing range and contemporary ceramic art is emphasized, and advanced craftsmanship is expected. Prerequisites: ART 2750 with a minimum grade of C or ART 2750C with a minimum grade of C Fee Required

ART 3781  Raku Ceramics  3 credits  A survey of technical, historical and philosophical practices in raku ceramics, including both traditional and contemporary methods of forming (wheel throwing and handbuilding) and firing (pit, sagger, and glaze firings). Prerequisites: ART 2750 with a minimum grade of C or ART 2750C with a minimum grade of C Fee Required

ART 3838  Professional Practices in Art  3 credits  Designed for art majors to provide professional preparation in the art field, including resume writing, photographic documentation, website development, artist statements, exhibition planning, and marketing skills. Lecture format with presentations by guest artist from a range of career tracks. Junior standing required. Fee Required

ART 3840  Environmental Art  3 credits  Survey of contemporary art movements focusing on the natural world, including lectures, presentations, field trips, and in-depth studio exercises. Junior standing required. Fee Required

ART 4614  Advanced Computer Imaging 3 to 9 credits  Advanced exploration of computer generated images and art forms, including contemporary issues, conceptual and design development, modes of presentation, and professional preparation. Prerequisites: ART 2600 with a minimum grade of C or ART 2600C with a minimum grade of C Fee Required

ART 4907  Directed Independent Study  3 credits  Selected advanced topics for independent study and research in studio art. Permission of instructor required.

ART 4921  Painting Workshop  3 credits  Students will identify specific painting-related concerns and create their own body of work addressing those concerns. Contemporary practitioners, portfolio and exhibition practices will be discussed. May be repeated for a maximum of 9 credit hours. Prerequisites: ART 2500 with a minimum grade of C or ART 2500C with a minimum grade of C and ART 3332 with a minimum grade of C or ART 3505 with a minimum grade of C Fee Required

ART 4922  Sculpture Workshop  3 credits  Intensive studies in contemporary sculptural issues and methods; projects vary depending on skill levels and conceptual interests. Exhibition and installation practices covered, and research in sculpture history included. May be repeated for a maximum of 9 credit hours. Prerequisites: ART 2701 with a minimum grade of C or ART 2701C with a minimum grade of C Fee Required

ART 4928  Ceramics Workshop  3 credits  Intensive studies in contemporary ceramic issues and methods. Both technical proficiency and conceptual integrity will be stressed, with emphasis on the development of a personal aesthetic. May be repeated for a maximum of 9 credit hours. Prerequisites: ART 3768 with a minimum grade of C or ART 3762 with a minimum grade of C Fee Required

ART 4930  Special Topics in Art  3 credits  The faculty develops topics of importance to students’ interests and needs. Prerequisites: ART 1203 with a minimum grade of C or ART 1203C with a minimum grade of C Fee Required

ART 4940  Art Internship and Seminar  3 credits  Students work in professional art setting, connecting academic training with professional arts practice. Students arrange appropriate position in consultation with art faculty. Periodic seminar sessions required. May be repeated for a maximum of 9 credit hours.

ART 4955  Senior Project  3 credits  Capstone experience for senior art majors focusing on the production of a self-generated body of work that is conceptually strong and technically proficient. Exhibition plans and professional preparation will be stressed. Permission of the instructor required. Prerequisites: ART 4921 with a minimum grade of C or ART 4922 with a minimum grade of C or ART 4928 with a minimum grade of C Fee Required

ASH 3323  Modern South Asia  3 credits
Traces the establishment and collapse of British power in South Asia from the 18th century to India's Independence and Partition in 1947.

ASH 3400 The Chinese 3 credits
The history, people and heritage of one of the world’s most ancient and fascinating civilizations. Rare video scenes of daily life unveil the tensions between traditional and modern China.

ASH 3404 Modern China 3 credits
A detailed study of the nature and development of modern China from the time of sustained Western contact (17th century) through the present. Provides discussions of the end of dynastic China, the consolidation of socialism, the Maoist upheavals, and the rise of China as an economic trade giant.

ASH 3550 Post-Colonial India 3 credits
History of India after 1947. Major themes will be economic development, cultural and social change, and India’s place in the contemporary world.

ASH 4442 History of Modern Japan 3 credits
Examines the social, cultural, political, religious, and economic developments of Japan since 1800. Stresses the rise of Japan as a regional power and the influence of modern Japan as a world trade power.

ASH 6915 Research Asian History 3 credits
Research in primary and secondary sources on aspects of important subjects in Asian history.

ASH 6939 Seminar in Asian History 3 credits
Readings seminar in selected topics and problems in Asian history.

ASL 2140 Basic American Sign Language 3 credits
Introduction to American Sign Language as used in the deaf community. General discussion of ASL systems and philosophies. Emphasis on building a basic vocabulary. One-hour laboratory course (ASL 2140L) to be taken concurrently. Prerequisites: ASL 2140L
Corequisites: ASL 2140L

ASL 2140L Basic American Sign Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment at each level of sign language is required. Corequisites: ASL 2140

ASL 2150 Intern American Sign Language 3 credits
A continuation of the basic course which expands the student's signing skills and introduces American Sign Language idioms. Provides a greater opportunity for skill development in ASL structure and idiomatic language. One-hour laboratory course to be taken concurrently. Corequisites: ASL 2150L

ASL 2150L Intern American Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in ASL 2150. Corequisites: ASL 2150

ASL 4161 Adv American Sign Language 3 credits
A continuation of the study of American Sign Language at the advanced level. Added emphasis on idioms, body language and facial expressions. Corequisites: ASL 4161L

ASL 4161L Adv American Sign Language Lab1 credits
An advanced laboratory course designed to accompany Advanced American Sign Language (ASL) and to provide practice of the material presented through live demonstration as well as audio/video tapes. Corequisites: SPA 4161

ASN 2005 Introduction to Asian Studies 3 credits
Overview of Asian civilizations, including art, literature, music, philosophy, history, and politics.

ASN 2010 Civ of Asia: China and Japan 3 credits
A survey of Chinese and Japanese civilization and culture. Subjects to be studied include the history, geography, anthropology, religion, economy, and politics of China and Japan from ancient times to the present.

ASN 2011 Civ os Asia: South Asia 3 credits
A survey of South Asian civilizations and cultures. Subjects to be studied include the history, geography, anthropology, religion, economy, and politics of South Asia from ancient times to the present.

ASN 4905 Directed Individual Study 1 to 4 credits
Individual study by students under the direction of a faculty mentor. The topic will be selected based on mutual consensus between the student and the faculty mentor. Permission of instructor required.

AST 2002C Introduction to Space Science 3 credits
Introduction to the Solar System and Space Exploration, with an emphasis on standards based, hands-on and inquiry based activities. The class is intended for students who plan a career in formal or informal education.

Fee Required

AST 2004C Stellar Astronomy 4 credits
General principles of Astronomy and emphasis on the structure and evolution of stars, stellar systems, galaxies and the universe. Topics may include stellar birth and death, neutron stars and black holes, galactic distances and the expansion of the universe. Observing of stars, constellations, binary and variable stars, star clusters, nebulae. Fee Required

AST 2005C Introduction to Astrobiology 3 credits
Introduction to general principles of Astrobiology emphasizing standards based, hands-on and inquiry based activities. The class is intended for students who want an interdisciplinary scientific approach to explore the possibilities of extraterrestrial life.

Fee Required

AST 2100C Solar System Astronomy 4 credits
Historical and general principles of Astronomy with emphasis on the structure and evolution of the Solar System, the laws of planetary motion, and the physical aspects of the sun, planets, and interplanetary debris. The main objectives of the course are to familiarize you with the night sky, observing techniques and instrumentation of state of the art observatories, and to gain knowledge of the scientific process involved in astronomical discoveries.

Fee Required

BCH 3023C Biochemistry 3 credits
The biochemistry of proteins, lipids, carbohydrates, and nucleic acids will be investigated. The principles of enzymology, metabolism and bioenergetics will be investigated. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. Prerequisites: CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and CHM 2211L with a minimum grade of C )

Fee Required
Course Descriptions

BCH 3025C Analytical Biochemistry 3 credits
An examination of the aspects of chemical analysis within a sample that has direct biological relevance.
Prerequisites: BCH 3025C with a minimum grade of C
Fee Required

BME 3100C Introduction to Biomaterials 3 credits
Examination of the structure, fundamental properties and functional behavior of materials such as metals, polymers, ceramics and composites used in medical devices and in biological systems, emphasizing mechanical, corrosion, and surface properties. Provides an introduction to biocompatibility with special emphasis on the interaction of biomaterials with cells and tissues including blood.
Prerequisites: EGN 3331C with a minimum grade of C
Corequisites: BME 3403C
Fee Required

BME 3261C Biofluid Mechanics 3 credits
Fundamentals of fluid mechanics and their application to systems in biology and physiology. Topics covered include: properties and statics of fluids; conservation of mass, momentum and energy in fluid flow; flow in closed conduits; dimensional analysis; and flow measurements.
Prerequisites: EGN 3331C with a minimum grade of C and BME 3403C with a minimum grade of C
Fee Required

BME 3403C Human Physiology Engineers I 3 credits
First course in a quantitative two semester sequence on human physiology for engineers. Includes overview of cells and tissues; energy and cellular metabolism; membrane dynamics; communication, integration, and homeostasis; the endocrine system, neurons and the nervous system; sensory physiology; muscles and control of body movement. Integrates modeling and simulation of physiological systems as well as computer-based experimentation.
Prerequisites: EGN 1008C with a minimum grade of C and BME 3403C with a minimum grade of C and BSC 1010C and CHM 1046C and PHY 2049C and MAP 2303 with a minimum grade of C
Fee Required

BME 3404C Human Physiology Engineers II 3 credits
Second course in a quantitative two semester sequence on human physiology for engineers. Includes the cardiovascular system; blood, blood flow, and control of blood pressure; mechanics of breathing; gas exchange and transport; the kidneys; fluids and electrolyte balance; digestion; energy balance and metabolism; endocrine control of growth and metabolism; the immune system; exercise physiology. Integrates modeling and simulation of physiological systems as well as computer-based experimentation.
Prerequisites: BME 3403C with a minimum grade of C
Fee Required

BME 4211C Biomechanics 3 credits
This course begins with an overview of mechanics applied to bioengineering, including statics and dynamics of human movement. Students will draw upon skills learned in engineering mechanics and biomaterials. Applications of biomechanics will be discussed in gait analysis, orthopedics, and sports assessment. Instrumentation important to biomechanics will be covered to provide a general understanding of applications in research and industry.
Prerequisites: BME 3100C with a minimum grade of C and BME 3404C with a minimum grade of C

BME 4503C Biomedical Instrumentation 3 credits
Design and applications of biomedical instruments and devices. Includes biopotential electrodes and amplifiers, cardiovascular and respiratory measurements, clinical laboratory instruments, therapeutic and diagnostic devices, medical imaging systems, and electrical safety.
Prerequisites: EGN 3374C with a minimum grade of C

BME 4504C Bioelectricity 3 credits
Fundamental concepts in bioelectricity. Includes both theory and application of knowledge in engineering and electrophysiology to design and use of medical and laboratory devices and diagnostic systems.
Prerequisites: BME 3404C with a minimum grade of C and BME 4202C with a minimum grade of C

BME 4632C Biotransport Phenomena 3 credits
The quantitative description of momentum, heat and mass (convection and diffusion) transport in living systems. Application of engineering methods to model and quantify transport aspects of biological and medical systems.
Prerequisites: BME 3261C with a minimum grade of C and BME 3404C with a minimum grade of C

BME 4722C Health Care Engineering 3 credits
In this class, students use the engineering design method and Six Sigma concepts to solve problems pertinent to health care industries, e.g., hospitals, clinics, and research labs, as well as problems related to design development in industry. Specific topics include methods of problem solving, data gathering, statistical methods of data analysis, and developing solutions.
Prerequisites: BME 4008C with a minimum grade of C

BME 4800C Bioengineering Product Design 3 credits
Introduction to the engineering design process as applied to bioengineered products. Focus on technical, regulatory, legal, ethical, economic, and social aspects of medical device, biologic and combination product designs, development and commercialization. Includes existing product benchmarking and provides and introduction to modern engineering software tools for biomedical product design.
Prerequisites: BME 3100C with a minimum grade of C and BME 3403C with a minimum grade of C and EGN 3641C with a minimum grade of C and STA 2037 with a minimum grade of C-
Fee Required

BOT 3153 Flora of Southwestern Florida 3 credits
Principals and practical aspects of the identification, morphology, and ecology of species of vascular plants composing the flora of Southwestern Florida. Included, are field trips (one per class meeting), lectures, and laboratory exercises.

BOT 4394C Plant Molecular Biology 3 credits
An examination of aspects of molecular biology that apply to the plant kingdom. Plant gene regulation, methods of gene cloning and transformation, and biotechnological applications will be discussed.
Prerequisites: PCB 4522C with a minimum grade of C and BOT 2503C with a minimum grade of C

BOT 4503C Plant Physiology 3 credits
An overview of the processes that take place in plant cells and organs. Topics include the mechanisms by which plants obtain their nutrients and synthesize required molecules and structures, and the role played by internal and environmental factors in plant growth and development.
Prerequisites: BSC 1010C with a minimum grade of C or (BSC 1010 with a minimum grade of C and BSC 1010L with a minimum grade of C) and BSC 1011C with a minimum grade of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C) and CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and...
CHM 2211L with a minimum grade of C

BSC 1005 Biological Science 3 credits
Major concepts in modern biology including cellular biology, plant biology, human biology, genetics, evolution, behavior, and ecology.
Corequisites: BSC 1005L

BSC 1005L Biological Science Laboratory 1 credits
Laboratory exercises that provide hands on and/or simulated experiences for the major concepts in modern biology including cellular biology, plant biology, human biology, genetics, evolution, behavior and ecology.
Corequisites: BSC 1005
Fee Required

BSC 1010 General Biology I 3 credits
Intended for science majors. Principles of biology studied from the molecular to the cellular level incorporating basic biochemistry, cell doctrine, physical phenomena of life, elementary bioenergetics and biosynthesis, cellular and organismal reproduction and the gene concept.
Corequisites: BSC 1010L

BSC 1010C Gen'l Biology w/Lab I 4 credits
Intended for science majors. The principles of biology are studied from the molecular to the cellular level. Topics may include basic biochemistry, the cell doctrine, the physical phenomena of life, elementary bioenergetics and biosynthesis, cellular and organismal reproduction and the gene concept. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Fee Required

BSC 1010L General Biology I Laboratory 1 credits
Intended for science majors. Laboratory experiments related to principles of biology studied from the molecular to the cellular level incorporating basic biochemistry, cell doctrine, physical phenomena of life, elementary bioenergetics and biosynthesis, cellular and organismal reproduction and the gene concept.
Corequisites: BSC 1010
Fee Required

BSC 1011 General Biology II 3 credits
Intended for science majors. The examination of biological systems from the organismal level through the system level incorporating theory of evolution, biodiversity and systematics, and ecology.
Corequisites: BSC 1011L

BSC 1011C Gen'l Biology w/Lab II 4 credits
Intended for science majors. Examines biological systems from the organismal level through the system level. Topics may include theory of evolution, biodiversity and systematics, and ecology. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Fee Required

BSC 1011L General Biology II Laboratory 1 credits
Intended for science majors. Laboratory experiments related to the examination of biological systems from the organismal level through the system level incorporating theory of evolution, biodiversity and systematics, and ecology.
Corequisites: BSC 1011
Fee Required

BSC 1020C Human Systems 3 credits
The study of the basic principles of human biology intended for non-science majors. Investigates cell biology, reproduction and genetics and human anatomy and physiology including human impacts on ecological systems. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Fee Required

BSC 1051C Enviro Bio-SW Fla Environment 3 credits
The environment of southwest Florida is used as an example to investigate environmental concepts within their ecological, cultural, economic, and historical contexts. Multiple sources of information including scientific data and artistic expression are utilized to evaluate ecological principles and environmental ethics, attitudes, and beliefs. This course is inquiry based and fully integrated with both laboratory and field experiences which emphasize active learning strategies.
Fee Required

BSC 1085C Hum Anat & Physio w/Lab I 4 credits
Primarily intended for health science majors. Investigation of the structure and function of the human body systems, including: integumentary, skeletal, muscular nervous and endocrine systems. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. (Strongly recommend student have CHM 1045C before A&P I&II)
Prerequisites: BSC 1085C with a minimum grade of C
Fee Required

BSC 1086C Hum Anat & Physio w/Lab II 4 credits
This course provides a discussion and problem solving format of contemporary topics in medicine with reviews of the literature.

BSC 1930L Seminar in Medicine I 1 credits
Intended for health science majors. Investigation of the structure and function of the human body systems, including: integumentary, skeletal, muscular nervous and endocrine systems. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. (Strongly recommend student have CHM 1045C before A&P I&II)
Prerequisites: BSC 1930L
Fee Required

BSC 2024C Human Species 3 credits
The evolution of mankind and the development of earlier cultures. Topics may include primates and research methods and techniques used by physical anthropologists to reconstruct past cultures.
Prerequisites: Fee Required

BSC 2026 Biology of Human Sexuality 3 credits
Examination of the anatomy and physiology of reproduction, sexual response, gender identity, sexual orientation, love and attraction as well as scientific method by which sexuality is studied.

BSC 2300C Biological Systems I 3 credits
Investigates biology from a systems perspective. Topics will include general system characteristics, unique aspects of biological systems, system complexity, evolution, comparative system architecture levels of abstraction, biological control systems, redundancy, and artificial system synthesis. Chemical fundamentals, cell structure and function, elements of molecular biology, physiology and anatomy, taxonomy, complex system organization, and emergent properties of biological systems will also be considered.
Fee Required

BSC 2930L Seminar in Medicine II 1 credits
This course is a continuation of BSC 1930L and provides a discussion and problem-solving format of contemporary top-
ics in medicine with reviews of the literature and volunteer participation in the community as a part of service learning.
Prerequisites: BSC 1930L with a minimum grade of C

BSC 3403C Environmental Quant Techniques 3 credits
Implementation of laboratory and field techniques for environmental monitoring and analysis. Demonstration of competency with appropriate instrumentation, data management strategies and statistical procedures.
Fee Required

BSC 3930L Seminar in Medicine III 1 credits
This course is a continuation of BSC 2930L and provides a discussion and problem-solving format of contemporary topics in medicine with review of the literature and volunteer opportunity for service learning. (Continued acceptance in the BS Biology Accelerated 3+4 concentration, instructor permission.)
Prerequisites: BSC 2930L

BSC 4422C Methods in Biotechnology 3 credits
Techniques and applications of biotechnology will be studied with a strong emphasis on laboratory investigation. Recombinant DNA technology will be the focus of study with applications in plant and animal systems. The impacts of biotechnology on society will be examined, such as the human genome project and agricultural biotechnology.
Prerequisites: BCH 3023C with a minimum grade of C and PCB 3063C with a minimum grade of C
Fee Required

BSC 4900 Dir Ind Study/Research in Bio 2 to 4 credits
Individual study by students under the direction of a faculty mentor. The topic will be selected based on mutual agreement between the student and the faculty mentor.

BSC 4905 Dir. Ind.Study/Res. Biotech. 1 to 3 credits
Individual study/research under the direction of a faculty mentor. The topic of study needs to be focused in a biotechnology area. Permission of the instructor required.

BSC 4910 Senior Project Research in Bio 2 credits
Research projects, (or certain aspects of research) are carried out by one or more students under the supervision of a faculty mentor. The project is designed to hone skills in applying research principles and obtaining practice in data collection, analysis. Senior Standing is expected.
Prerequisites: PCB 3063C with a minimum grade of C and PCB 3023C with a minimum grade of C
Fee Required

BSC 4911 Sr Project Presentation in Bio 2 credits
A continuation of the senior project; students will be expected to prepare and present a summary of their research.
Prerequisites: BSC 4910 with a minimum grade of C

BSC 4912 Senior Seminar in Biology 3 credits
Students conduct research in scientific teaching methodologies under the supervision of a faculty mentor. The seminar will culminate in the presentation of inquiry-based materials which can be used in the secondary biology classroom.

BSC 4930 Special Topics in Biology 2 to 4 credits
Courses will be developed based on topics of current or special interest to students or faculty.

BSC 4933 Current Topics in Biology 1 credits
Special sessions exploring the literature in Biological Sciences. Students will receive Satisfactory “S” or Unsatisfactory “U” grades for this course.

Prerequisites: ISC 3120C with a minimum grade of C or ISC 3120C

BSC 4940 Internship in Biology 2 to 4 credits
An internship provides the student with an opportunity to work on a project in the field or laboratory setting. This work is usually completed off-campus and the student will work with a qualified supervisor at the site as well as a faculty mentor.

BSC 4941 Internship in Biotechnology 1 to 3 credits
An internship working on a project in Biotechnology in an external laboratory or industrial setting. The student will work with an external qualified supervisor and with a faculty mentor. Permission of the program director is required.
Prerequisites: ISC 3120C with a minimum grade of C or ISC 3120 with a minimum grade of C and BSC 4422C with a minimum grade of C
Fee Required

BSC 4942C Senior Res. Biotech. 2 credits
Research project in Biotechnology under the supervision of a faculty mentor. Students will apply experimental design, data collection and analysis. Senior standing is required. Permission of the program director is required.
Prerequisites: ISC 3120C with a minimum grade of C or ISC 3120 with a minimum grade of C and BSC 4422C with a minimum grade of C
Fee Required

BSC 4943 Sr. Proj. Pres. Biotech. 1 credits
Presentation of the results of the project carried out in the Senior Research in Biotechnology course.
Prerequisites: BSC 4942C with a minimum grade of C

BSC 4944L Senior Capstone 3 credits
This senior capstone course provides an undergraduate experience in mentored research and presentation or internship specifically for each BS-Biology student as a culminating experience in mentored research and presentation or internship.
Prerequisites: PCB 3063C with a minimum grade of C and PCB 3023C with a minimum grade of C and BCH 3023C with a minimum grade of C
Fee Required

BUL 3130 Legal & Ethical Enviro of Bus 3 credits
Introduction to the contemporary legal and ethical environment of business. Topics may include the legal system, ethics, constitutional law, criminal and civil law, intellectual property, environmental law, contracts, and agency and employment law. (Junior standing required)

BUL 3320 Law & Business I 3 credits
The nature of legal and societal institutions and environments, and major aspects of public, private, UCC and related business law. (Junior standing required)

BUL 3939 Special Topics in Business Law 1 to 3 credits
Topics of special or current interest such as the legal environment of forensic accounting, cyberlaw, legal aspects of marketing, real estate law, intellectual property, and emerging legal issues.
Prerequisites: BUL 3130 or BUL 3320

BUL 5830 Business Law I 3 credits
A study of those principals of law that directly and regularly impact the conduct of business activities. Topics covered include an overview of the legal system, contract and sales provisions of the Uniform Commercial Code (UCC), consumer protection laws, employment law, environmental law, securities regulation, and professional liability.
includes the process of locating, discovering, and studying issues such as finance, budget, workforce, quality, safety, and other issues. Prerequisites: BUL 5830

BUL 6935 Special Topics in Business Law 1 to 3 credits
A comprehensive survey of selected contemporary legal issues and topics that pertain to business. Individual and group research projects are emphasized. Prerequisites: BUL 3320 or BUL 5830

CAP 3611 Computation & Neural Systems 3 credits
Reviews general physiology from a systems perspective, comparative neurophysiology and evolutionary biology, perception systems, computational aspects of information processing within the central nervous system, clinical neuropsychology, and higher level cognitive functions. Covers techniques for pattern recognition, discrimination, estimation, classification, and learning in synthetic systems, as well as artificial neural network models, synthetic sensory systems, artificial life, and the implementation of computational neural systems using VLSI technology. Prerequisites: MAC 2311 and COP 2001

CAP 4730 Computer Graphics 3 credits
Foundation for work in computer graphics includes mathematical preliminaries, coordinate systems, transformations, perspective, graphical primitives, curve and surface modeling, representation of solids, hidden surfaces, shadows, ray tracing, the sampling process, aliasing, shading, illumination, texture generation, rendering, vision, color, computer displays, and virtual reality systems. Commercial graphic software systems are explored. Prerequisites: COP 3003 with a minimum grade of C Fee Required

CAP 4830 Simulation & Modeling 3 credits
Covers continuous and discrete event system simulation, with emphasis on general systems thinking, mathematical and computational methods in simulation, and the application of modeling techniques to selected problems in the sciences and other disciplines. Current commercial simulation environments are explored. Covers continuous and discrete event system simulation, with emphasis on general systems thinking, mathematical, and computational methods in simulation, and the application of modeling techniques to selected problems in the sciences and other disciplines. Current commercial simulation environments are explored. Prerequisite: COP 3003 with a minimum grade of C.

CCE 3101C Civil Engineering Materials 3 credits
Design of asphalt concrete and Portland concrete cement mixtures. Analysis, evaluation, and hands on laboratory testing of commonly used civil engineering materials, including asphalt binder, hot-mix-asphalt, aggregates, Portland concrete cement, wood, composites. Pavement construction and quality control, quality assurance methods, methods of asphalt mixtures. Prerequisites: EGN 3331C with a minimum grade of C Fee Required

CCE 4031C Project Planning & Regulations 3 credits
Introduction to techniques for planning activities, operations, finance, budget, workforce, quality, safety, and other issues related to civil and environmental engineering planning. This includes the process of locating, discovering, and studying local, state, and federal regulations/codes. Topic examples include the societal context of engineering, regulatory enforcement agencies, engineering ethics, standards and liability, as well as components of critical thinking, communications, and lifelong learning. Prerequisites: ENV 3006C with a minimum grade of C

CCJ 1020 Intro to Criminal Justice 3 credits
Introduction to the historical and philosophical background of agencies of the criminal justice system. An examination of the relationships between the police, courts, and correctional institutions.

CCJ 1100 Intro to Law Enforcement 3 credits
Introductory survey of the historical and philosophical development of law enforcement. Overview of the purposes, functions, organization, and technical problems of the police.

CCJ 2930 Special Topics 3 credits
Current and emerging issues in the fields of criminal justice and criminology.

CCJ 3024 CJ Systems & Processes 3 credits
Components of the criminal justice system, including police, courts, corrections, the juvenile justice system, and the relationship of the criminal justice system to broad political, economic, and social issues.

CCJ 3501 Juvenile Delinquency 3 credits
The nature and extent of delinquency. Focus is on completing exploratory models and theories, and the evaluation of prevention, control and treatment programs.

CCJ 3603 Forensic Psychology 3 credits
Pragmatic review of the psychological, physiological, and sociological theories and practices which seek to evaluate and analyze deviant human behavior and environments that precipitate criminal conduct.

CCJ 3610 Theories of Criminal Behavior 3 credits
Complex factors related to criminal behavior. Focus on understanding criminal and delinquent behavior from a multidisciplinary perspective (biological, psychological, social), with emphasis on past and present theories.

CCJ 3653 Drugs, Alcohol & Crime 3 credits
The history, pharmacology, health consequences, and crime-related aspects of mind-altering drugs with emphasis on the effects on criminal behavior, the legal response to the problem, and the treatment and prevention of abuse.

CCJ 3666 Victimology 3 credits
Victims and the process, etiology, and consequences of victimization. Special attention is paid to the types of victims, theories of victimization, and the victim's treatment within the criminal justice system. Examination of the role of victims in crime, their decisions to report crimes and help prosecute offenders, victim assistance, and victim compensation.

CCJ 3670 Introduction to Criminalistics 3 credits
An introduction to the identification, collection, preservation, and presentation of physical evidence from crime scenes. Fee Required

CCJ 3701 Research Methods-Crim Justice 3 credits
Methods of gathering, analyzing, and reporting social data, with a focus on the purpose and logic of scientific inquiry and quantitative research techniques in criminal justice. Includes qualitative research, data collection, experimental and non-experimental designs, measurement procedures, sampling methods, and interpretation of research results.
CCJ 4035 Media and Crime 3 credits
Explores the criminal justice system, criminals, and crime as portrayed in the media, its impact on society and the criminal justice system.

CCJ 4042 Issues - International Justice 3 credits
Contemporary issues in international justice, including historical and social perspectives. Explores the impact of justice issues on specific countries and the international community at large.

CCJ 4450 Ldship & Mgmt in CJ Agencies 3 credits
Application of management and leadership theories to the administration of law enforcement and correctional agencies. Models of decision-making, problem solving, and situational leadership are used to assess responses to current challenges facing criminal justice organizations.

CCJ 4454 Issues in CJ Administration 3 credits
Contemporary issues relevant to the administration of justice in the United States; including topical issues in law enforcement, judiciary, and corrections.

CCJ 4487 Ethics in the Crim Justice Sys 3 credits
Identification, analysis, and response to diverse ethical issues, unethical practices, and unprofessional conduct encountered in the criminal justice system.

CCJ 4601 Human Behavior 3 credits
Origins of human and deviant behavior from a multidisciplinary approach (biological, psychological, sociological, criminological). Addresses major theories and research including case studies that illustrate deviant behavior, such as drug abuse, suicide, mental illness, and sexual deviance.

CCJ 4630 Comparative Justice 3 credits
International perspectives in criminal justice policy and procedures. Analysis of criminal justice systems in other countries and cultures. Topics may include policing, the judiciary, and corrections.

CCJ 4661 Minorities and Crime 3 credits
Racial, ethnic, and class identities are examined in terms of their impact on individual experiences of the law, crime justice, victimization, stigma, and punishment/rehabilitation. Sociological and criminological theory and research on the issues with special attention to the role of racism in theories of crime and in American law.

CCJ 4663 Female Crime 3 credits
Historical and current theory and research on female crime, including societal influences on female crime, the experience of women as crime victims and criminal offenders, and the role of women as criminal justice practitioners.

CCJ 4674 Advanced Forensic Psychology 3 credits
Advanced course in Forensics which blends the 3 prerequisite courses. Clinical interpretation of behavior and laboratory science to interpret crime sciences and suggest offender psychological profiles. Prerequisite courses or consent of instructor.
Prerequisites: CCJ 3603

CCJ 4681 Domestic Violence 3 credits
Theoretical issues, both past and present, regarding domestic violence. Attention is given to contributing factors, legal aspect, and the impact of domestic violence on the victim and society.

CCJ 4910 Independent Research 1 to 3 credits
Students work closely with a faculty member in the development and implementation of research projects in the area of criminal justice. Instructor permission required.

CCJ 4933 Spec Topics in Criminology/CJ 3 credits
In-depth analysis of current and emerging issues in the fields of criminal justice and criminology.

CCJ 4934 Senior Sem (Criminal Justice) 3 credits
Integrative experience through which students comprehensively analyze and assess significant theories, policies, and practices related to criminal justice.

CCJ 4940 Internship 1 to 6 credits
Placement with one or more of the agencies comprising the criminal justice system. A minimum of 3 credits is required. Students may elect to take 1-3 additional hours as an elective.

CCJ 4957 CJ Study Tour Abroad 3 credits
Intensive study tour abroad, including preparatory work and research, focusing on cultural, historical, and social influences on criminal justice, and the differences and similarities of the different systems.

CCJ 5476 Mgmt & Admin. of Justice 3 credits
An examination of all aspects of organizational theories, models and typologies, organizational variables and measuring effectiveness, supervision and communication systems, motivation, satisfaction, and morale of employees, organization of criminal justice systems, law enforcement, police and sheriff's departments, court organization and administration, jail and prison organizations, community corrections organizations, and juvenile justice organizations and their administration.

CCJ 6061 Criminal Justice Theory 3 credits
A comprehensive overview of the major theories of crime and delinquency that have made historical and contemporary attempts to explain the causes of criminal behavior. Students will be able to apply these models to contemporary criminal justice policy and processing.

CCJ 6106 Rsch Legal Methods Pub Policy 3 credits
In-depth overview and analysis of legal methods in the American legal system, primarily the criminal justice system. Through instruction in legal research on the internet, the students will become familiar with various aspects of public policy throughout the world in the creation and application of law.

CCJ 6197 Interviewing & Investigation 3 credits
Prepares students to conduct compliance investigations using interpersonal communication and mechanisms for countering violations. Introduces tactics and strategies regarding monitoring business operations and internal control mechanisms regarding fraudulent conduct.

CCJ 6406 CJ Mgmt Plicy: Law Enforce Crts 3 credits
Advanced overview and analysis of policy, theory and research pertinent to the management of police agencies and court administration and decision making. Contemporary issues will be explored as well as historical development.

CCJ 6407 Seminar in Law Enforcement 3 credits
An analysis of contemporary issues in law enforcement as they are translated into agency policy, programs, services, and relationships with public and private agencies, institutions and the community.
CCJ 6455  Crim Just Mgt Plcy: J J & Cor  3 credits  
Advanced overview and analysis of policy, theory and research pertaining to the management of police agencies and court administration and decision making. Contemporary issues will be explored as well as historical development.

CCJ 6485  Criminal Justice Policy  3 credits  
An advanced seminar designed for students interested in evaluating and formulating policies on criminal justice.

CCJ 6501  Juvenile Justice Policy  3 credits  
An analysis of historical and contemporary policies used to control adolescent delinquent and criminal behavior.

CCJ 6605  Dynamics of Delinquent & Crim  3 credits  
Analysis of social constructs, determinants of social pathologies, crime and delinquent behaviors.

CCJ 6606  Social Constructs of Crime  3 credits  
Classical and contemporary sociological theory that explains the etiology of criminal behavior including the correlates and causes of crime including poverty; urban blight; inequity in health, housing, and education; racial and ethnic discrimination; and the proliferation of drugs and gangs.

CCJ 6657  Ethics Criminal Justice Mgmt  3 credits  
An examination of the ethical dilemmas and increasing concern regarding the accountability of those in law enforcement, the courts, and corrections, and the ethical decision making process of those in management which has impact on employees, the public at large, and public policy.

CCJ 6707  Adv. Quantitative Research  3 credits  
In-depth treatment of the application and interpretation of quantitative research methodology and statistical tools appropriate for criminal justice related research. Specific content areas include research design, data collection, data characteristics, data analysis, preparation of research proposals, and scholarly presentation of research findings.

CCJ 6709  Advanced Qualitative Research  3 credits  
In-depth treatment of the design of qualitative research methodology and procedures for qualitative data analysis appropriate for criminal justice related research. Specific content areas include qualitative research design: types of qualitative data; collecting, coding, and interpreting qualitative data. Specific emphasis on case study methods and reporting qualitative research findings.

CCJ 6711  Research in Violent Behavior  3 credits  
Analysis, integration, and synthesis of classical psychological theory and contemporary research in violent behavior.

CCJ 6741  Data Analysis in CJ  3 credits  
The use of statistical methods and computer applications utilized for research and program analysis in criminal justice. Application of statistical analysis to criminal justice data for purposes of policy analysis and theory testing.  
Prerequisites: CCJ 5705

CCJ 6770  Ind. Research-Criminalistics  3 to 6 credits  
Candidates work directly with supervising faculty to conduct independent research specific to their degree concentration.  
Prerequisites: CCJ 6707 or CCJ 6709

CCJ 6910  Directed Research Projects  1 to 6 credits  
Student will participate in an independent directed course of study in a specialized area of interest, as determined with the approval of the faculty member. Variable credits, from 1 to a maximum of 6 may be available. Requires faculty approval prior to registration.

CCJ 6912  Ind. Rsrch-Forensic Behavioral  3 to 6 credits  
Candidates work directly with supervising faculty to conduct independent research specific to their degree concentration.  
Prerequisites: CCJ 6707 or CCJ 6709

CCJ 6930  Spec Topics in CFS  3 credits  
In-depth analysis of current and emerging issues relating to Criminal Forensic Studies.

CCJ 6935  Special Topics in CJ Systems  3 credits  
In-depth exploration, analysis and assessment of contemporary topics of special concern to the admission of criminal/ juvenile justice systems.

CCJ 6936  Justice Policy Reform  3 credits  
Focus on the analysis and formulation of policies that emanate from the national, state and local administrations as they pertain to the broad field of criminal justice.

CCJ 6940  Practicum - Criminalistics  3 to 6 credits  
The Criminal Forensic Practicum is a field experience in Criminalistics.

CCJ 6941  Practicum-Frmsc Bhrl Analyst  3 to 6 credits  
The Criminal Forensic Practicum is a field experience in Forensic Psychology.

CCJ 6971  Thesis in Criminal Justice  1 to 3 credits  
This course requires that the student design and present a thesis of his or her own conception which involves the completion of field research which should include knowledge gained from statistical analysis and research methods. This course will be completed under the direction of faculty.

CCJ 6974  Project in Criminal Justice  1 to 3 credits  
This course requires that the student design and present an applied research project that will demonstrate his/her competency of some aspects of the criminal justice field. This course will be completed under the direction of faculty.

CDA 3104  Comp Org'n & Assem Lang Prog  3 credits  
Covers the organization, architecture, and microarchitecture of computer systems. Topics include computing machine instruction sets and register structures, programming in assembly language, tradeoffs in machine implementation and performance, computer peripherals, and a register transfer level simulation of an elementary computer system.  
Prerequisites: COP 2006 with a minimum grade of C and CDA 3200 with a minimum grade of C

CDA 3200  Digital Systems  3 credits  
Covers data paths, controllers, memory systems, and register transfer level design, as well as finite state machine design, classical logic design, and storage element design. Hardware and software tools for digital system analysis and synthesis are explored.  
Prerequisites: COP 1500 with a minimum grade of C and PHY 2048C with a minimum grade of C  
Fee Required

CDA 4150  Computer Architecture  3 credits  
Covers the form, function, and cost-performance tradeoffs associated with a range of computer systems implementing sequential, parallel, and distributed system models. RISC and CISC systems, as well as memory and I/O models are explored. Topics include instruction set design, processor microarchitecture, pipelining, cache and virtual memory organization, protection and sharing, I/O, interrupts, and pe-
CEN 3213 Embedded Systems Programming 3 credits
Prerequisites: COP 2001 with a minimum grade of C and CDA 3104 with a minimum grade of C

CDA 4170 Data Acquis. & Control Systems 3 credits
Covers the architecture and implementation of data acquisition and control systems include analog and digital measurement techniques, sources of error, transducers and actuators, system modeling, instrumentation system architecture, computer controlled instruments and data acquisition systems, and system design techniques. Open and closed loop control, system analysis and design, system stability, and analog and digital control system implementation techniques are explored.
Prerequisites: COP 2001 with a minimum grade of C

CEG 3011C Soil Mechanics 3 credits
Physical properties and classification of soils; flow of water through soil, distribution of stress within soil and consolidation; design consideration for compaction, seepage, and settlement analysis; laboratory.
Prerequisites: CWR 3201C with a minimum grade of C and EGN 3331C with a minimum grade of C
Fee Required

CEG 4012C Geotechnical Engineering 3 credits
Earth pressure and settlement analysis, shear strength and compressibility, bearing capacity, slope stability. Introduction to foundations utilizing practical geotechnical design.
Prerequisites: CEG 3011C with a minimum grade of C

CEN 3031 Software Engineering 3 credits
The software engineering process stages are studied and applied to the development of a significant computer application. Teamwork, project planning, assurance, and project planning. Teams will design and develop software to meet requirements using object-oriented design. These stages include requirements, design, prototyping, implementation, documentation, testing, code reviews, maintenance, and enhancements. Tools and strategies to use at the various stages are explored, including those used in the management of large amounts of code.
Prerequisites: COP 2001 with a minimum grade of C

CEN 3213 Embedded Systems Programming 3 credits
Programming of embedded computer systems, that is computing devices that are parts of a larger installation, from watches and cell phones, to medical devices, cars, and space vehicles. Software design principles, specific implementation constructs and operating system kernels will be taught, supported by the use of software development tools.
Prerequisites: COP 2006 or ISM 3230

CEN 4516 Computer Networks 3 credits
Covers fundamental concepts and modern technologies in network programming at the application and TCP/IP level, as well as essential knowledge of the architectures, models and performance evaluation of computer communication networks. This course replaces CNT 4104
Prerequisites: CDA 4150 with a minimum grade of C and COP 3003 with a minimum grade of C

CEN 4935 Senior Software Engr Project 3 credits
Students will gain an understanding of the systems design process, including analysis, design, implementation, quality assurance, and project planning. Teams will design and develop a prototype system that satisfies the requirements of a "real" organization. Students must have senior standing.
Prerequisites: COP 2532 with a minimum grade of C and CEN 3031 with a minimum grade of C

CES 3100C Mech of Engr Structures 3 credits
This course addresses the analysis and design of basic structural forms such as beams, trusses, and frames, which are found in bridges and buildings. Classical deflection techniques such as direct integration, virtual work and moment-area; and indeterminate analysis techniques such as the force, slope, deflection and moment distribution methods are used to determine forces and deflections in elastic structures. Matrix analysis techniques are introduced, including the direct stiffness method for truss analysis. Structural analysis computer programs are introduced and directly applied in the solution of graded analysis and design problems. Approximate analysis techniques are used to check the general accuracy of computer-based results.
Prerequisites: EGN 3331C with a minimum grade of C

CES 4702C Reinforced Concrete Design 3 credits
The objective of this course is to analyze and design reinforced concrete structural members. The topics covered in this course include, but are not limited to, flexural analysis and design of beams, properties of concrete and steel, fundamentals of reinforced concrete behavior, T-beams and slabs including flexural and shear behavior, deflections and crack control.
Prerequisites: CES 3100C with a minimum grade of C and CCE 3101C with a minimum grade of C

CGN 3323C Surveying and Geomatics 3 credits
Introduction to elementary surveying practices such as autolevel, total station, global positioning system (GPS) as well as covering highlights of construction materials, tools, and techniques. In addition geomatics, the study of spatially related data, will be introduced. Instruction will cover the integrated approach of measurement, analysis, and management of the descriptions and locations of Earth-based data. This course is inquiry based and fully integrated with field experience that emphasizes active learning strategies.
Prerequisites: EGN 2111C with a minimum grade of C

CGS 1100 Introduction to Computers 3 credits
An introduction to computer hardware and software tools for knowledge workers. Software tools include spreadsheets, word processing, two- and three-dimensional presentation graphics, electronic mail, and network browsers. In addition, the course explores computer information systems in organizations and the use of computers to enhance productivity.

CGS 2010 Computers in Math Education 3 credits
Application of technology in Mathematics Education. Basic and Logo languages. Examination and evaluation of appropriate software for different levels of Mathematics.

CGS 3411 Computer Apps. for Math 3 credits
Students will develop competency in a high level programming language for secondary education majors.
Prerequisites: MAC 2311 with a minimum grade of C

CGS 6210 Microcomp Hardware Sys for Ed 3 credits
The role of computer and networking hardware to support the mission of education in schools, libraries, and other institutions. This includes conceptual understanding of computer operation, experience with major system components, and familiarity with network infrastructure.

CHI 1100 Elementary Chinese I 3 credits
Mandarin. An intensive study of basic skills pronunciation, listening, comprehension, speaking, and some composition.
Prerequisites: CHI 1120
Corequisites: CHI 1100L

CHI 1100L Elementary Chinese I Lab 1 credits
A laboratory designed to offer additional practice using various instructional technologies and media. This course replaced with CHI 1120L
Course Descriptions

CHM 1046C General Chem w/Lab II 4 credits
Prerequisites: (CHM 1045 with a minimum grade of C)
Intended for science majors. Examines solutions, reactions, kinetics and equilibria, thermodynamics, electrochemistry, nuclear chemistry and descriptive chemistry. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.

CHM 1046L General Chemistry II Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry II. Experiments include measurement of reaction kinetics, determination of activation energy, measurement of equilibrium constants, titration of a polyprotic acid, Ksp measurements, enthalpy measurements, and electrochemistry experiments.

CHI 1100 Elementary Chinese I 3 credits
Mandarin. An intensive study of basic skills: pronunciation, listening, comprehension, speaking, and some composition.
Corequisites: CHI 1100

CHI 1120L Elementary Chinese I Lab 1 credits
A laboratory designed to offer additional practice using various instructional technologies and media.
Prerequisites: CHI 1120
Corequisites: CHI 1120

CHI 1121 Elementary Chinese II 3 credits
Mandarin. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.
Corequisites: CHI 1121L

CHI 1121L Elementary Chinese II Lab 1 credits
A laboratory designed to offer additional practice using various instructional technologies and media.
Corequisites: CHI 1121

CHI 2201 Intermediate Chinese II 3 credits

CHI 2201L Intermediate Chinese II Lab 3 credits

CHM 1045 General Chemistry I 3 credits
Intended for science majors. Explores the fundamental laws of chemistry including: states of matter, atomic and molecular structure, the periodic table, stoichiometry, chemical bonding, enthalpy, acid-base reactions, and the gas laws.
Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: CHM 1045L

CHM 1045C General Chem w/Lab I 4 credits
Intended for science majors. Explores the fundamental laws of chemistry including: states of matter, atomic and molecular structure, the periodic table, stoichiometry, theories of chemical bonding, acid-base reactions and the gas laws. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: MAC 1105 with a minimum grade of C or Accuplacer Coll. Math Subscore with a minimum score of 066
Fee Required

CHM 1045L General Chemistry I Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry I. Experiments include measurement and accuracy in chemical bonding, acid-base reactions, and the gas laws. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: CHM 1045

CHM 1046 General Chemistry II 3 credits
Intended for science majors. Examines solutions, redox reactions, kinetics and equilibria, thermodynamics, electrochemistry, nuclear chemistry and descriptive chemistry.
Prerequisites: (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C
Corequisites: CHM 1046L

CHM 1046C General Chem w/Lab II 4 credits
Intended for science majors. Examines solutions, redox reactions, kinetics and equilibria, thermodynamics, electrochemistry, nuclear chemistry and descriptive chemistry. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.

CHM 1046L General Chemistry II Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry II. Experiments include measurement of reaction kinetics, determination of activation energy, measurement of equilibrium constants, titration of a polyprotic acid, Ksp measurements, enthalpy measurements, and electrochemistry experiments.

CHI 1120 Intermediate Chinese I 3 credits
Mandarin. An intensive study of basic skills: pronunciation, listening, comprehension, speaking, and some composition.
Corequisites: CHI 1100

CHI 1120L Intermediate Chinese I Lab 1 credits
A laboratory designed to offer additional practice using various instructional technologies and media.
Prerequisites: CHI 1120
Corequisites: CHI 1120

CHI 1121 Intermediate Chinese II 3 credits

CHI 1121L Intermediate Chinese II Lab 3 credits

CHM 1045L General Chemistry I Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry I. Experiments include measurement and accuracy in chemical bonding, acid-base reactions, and the gas laws. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: CHM 1045

CHM 1046L General Chemistry II Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry II. Experiments include measurement of reaction kinetics, determination of activation energy, measurement of equilibrium constants, titration of a polyprotic acid, Ksp measurements, enthalpy measurements, and electrochemistry experiments.

CHM 1045 General Chemistry I 3 credits
Fee Required

CHM 1045C General Chem w/Lab I 4 credits
Intended for science majors. Explores the fundamental laws of chemistry including: states of matter, atomic and molecular structure, the periodic table, stoichiometry, theories of chemical bonding, acid-base reactions and the gas laws. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C
Corequisites: CHM 1046

CHM 1045L General Chemistry I Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry I. Experiments include measurement and accuracy in chemical bonding, acid-base reactions, and the gas laws. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: CHM 1045

CHM 1046 General Chemistry II 3 credits
Fee Required

CHM 1046C General Chem w/Lab II 4 credits
Intended for science majors. Examines solutions, redox reactions, kinetics and equilibria, thermodynamics, electrochemistry, nuclear chemistry and descriptive chemistry. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.

CHM 1046L General Chemistry II Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry II. Experiments include measurement of reaction kinetics, determination of activation energy, measurement of equilibrium constants, titration of a polyprotic acid, Ksp measurements, enthalpy measurements, and electrochemistry experiments.

CHM 1045L General Chemistry I Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry I. Experiments include measurement and accuracy in chemical bonding, acid-base reactions, and the gas laws. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C
Corequisites: CHM 1046

CHM 1046 General Chemistry II 3 credits
Fee Required
CHM 2211 Organic Chemistry II 3 credits
Continues the study of organic compounds described for organic chemistry I. Reactions, mechanisms, nomenclature and spectroscopy are discussed for benzene, substituted benzene compounds and carbonyls. Oxidation-reduction reactions are studied in greater detail. The chemistry of biologically important compounds, amino acids, and nucleic acids is discussed. Polymers and biopolymers are introduced.
Prerequisites: CHM 2210 with a minimum grade of C and CHM 2210L with a minimum grade of C or CHM 2210C with a minimum grade of C
Corequisites: CHM 2211L

CHM 2211L Organic Chemistry II Laboratory 1 credits
Companion laboratory to Organic Chemistry II. The experiments continue to develop expertise with organic chemistry techniques and familiarity with equipment and glassware commonly used in organic chemistry. Some of the experiments are illustrate concepts discussed in the lecture class such as aromatic substitution reactions with carbonyl compounds.
Prerequisites: (CHM 2210 with a minimum grade of C and CHM 2210L with a minimum grade of C or CHM 2210C with a minimum grade of C)

CHM 3005C Phys Chem for Life Sciences 4 credits
A one-semester course in physical chemistry, with emphasis on biological applications. Topics covered include gases, thermodynamics, equilibria, electrochemistry, kinetics, quantum theory and spectroscopy.
Prerequisites: CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and CHM 2211L with a minimum grade of C)

CHM 3120C Analytical Chemistry 4 credits
Principles of quantitative analysis. Topics include equilibria, titrations, precipitation, complex formation, gravimetric analysis, separation processes, photometry, statistical treatment of data and sampling methodology. Laboratory is integrated with lecture topics and introduces students to analytical techniques and data analysis. Prerequisites: CHM 1046C minimum grade C Fee required.
Prerequisites: (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1046C with a minimum grade of C

CHM 3410 Physical Chemistry I 3 credits
The first part of a two-semester calculus-based course in physical chemistry. Topics covered include states of matter, thermodynamics, solutions, and kinetics.
Prerequisites: CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and CHM 2211L with a minimum grade of C and MAC 2313 with a minimum grade of C and PHY 2049C with a minimum grade of C)

CHM 3410L Physical Chemistry Laboratory 2 credits
Introduction to laboratory techniques used to measure properties of matter and behavior of chemical and physical processes and may include the following topics: Behavior of solutions, properties of gases, kinetics, spectroscopy, and surface chemistry.
Prerequisites: CHM 3410 with a minimum grade of C
Corequisites: CHM 3411

CHM 3411 Physical Chemistry II 3 credits
The second part of a two-semester calculus-based course in physical chemistry. Topics include electrochemistry, surface chemistry, quantum mechanics, and spectroscopy.
Prerequisites: CHM 3410 with a minimum grade of C
Corequisites: CHM 3410L

CHM 4139C Instrumental Analysis 3 credits
Instrumental Analysis introduces students to laboratory instrumentation, commonly used for analysis of chemical samples. Principles of the techniques, operation, and instrumentation limitations will be discussed and laboratory experiments will be performed using the instrumentation.
Prerequisites: CHM 2211C with a minimum grade of C and CHM 3120C with a minimum grade of C

CHM 4140 Senior Project Chemistry 2 credits
Research project in Chemistry under the supervision of a faculty mentor. Students will apply experimental design, data collection and analysis. Senior standing is required. Permission of the program director is required.
Prerequisites: ISC 3120C with a minimum grade of C or ISC 3120 with a minimum grade of C and CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and CHM 2211L with a minimum grade of C) and CHM 3120C with a minimum grade of C

CHM 4905 Dir Ind Study/Res in Chem 2 to 4 credits
Individual study under the direction of a faculty mentor. Topic will be selected based on mutual agreement between the student and the faculty member.
Prerequisites: CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and CHM 2211L with a minimum grade of C)
CHM 4930  Special Topics in Chemistry  2 to 4 credits
Courses will be developed based on topics of current or special interest.

CHS 3501C  Intro to Forensic Science  3 credits
Lecture and laboratory applications of the specialty areas in criminalistics (criminal analysis) including organic and inorganic analysis, physical evidence, hair, fiber, toxicology, arson, explosives, ballistics, serology, fingerprinting and DNA. Fee Required

CHS 3505C  Forensic Microscopy I  3 credits
The study of the light and polarized light microscope and its use in the identification and comparison of trace evidence. Prerequisites: CHS 3501C Fee Required

CHS 3533C  Forensic Analysis I  3 credits
An in-depth study in theory and laboratory application of presumptive, antigenic and enzymatic testing for the evaluation of biological samples for crime analysis. Prerequisites: PCB 4233C and BCH 3032C Fee Required

CHS 3595  Forensic Science in Courtroom  1 credits
Preparation of the forensic scientist in preparing for and participating in courtroom proceedings. Prerequisites: CHS 3501C

CHS 4511C  Forensic Microscopy II  3 credits
An advanced study of the techniques and application used to identify and compare trace evidence. Prerequisites: CHS 3505C Fee Required

CHS 4531C  Forensic Toxicology  3 credits
Integrated lecture and laboratory study of the presumptive tests, isolation and instrumental techniques used in identification of controlled substances. Prerequisites: BCH 3032C Fee Required

CHS 4534C  Advanced Forensic Analysis II  3 credits
An advanced study in theory and laboratory application of biological samples at the molecular level for crime analysis. Prerequisites: CHS 3533C and PCB 3663C and MLS 4191C Fee Required

CHS 4591L  Forensic Science Internship  1 to 6 credits
Practical experience in a professional forensic laboratory. Departmental permission required. Prerequisites: CHS 3501C and CHS 3505C and CHS 3533C and CHS 4531C and CHS 4511C and CHS 4534C Fee Required

CJE 4641  Advanced Criminalistics  3 credits
Advanced Forensics focuses on the death investigation which encompasses latent prints, taphonomy, blood pattern analysis, pathology, entomology, and human remains decomposition. Study also includes trauma associated with arson, blunt and sharp instruments, ballistics, poisoning, asphyxiation, and electrocution. Prerequisites: CCJ 3670 Fee Required

CJE 6168  Media & Community Relations  CJ3 credits
An in-depth study of the interaction between criminal justice agencies with the media and the community. Content will include relations with television, radio, and print, as well as public affairs officers and requirements of Freedom of Information and Florida’s Sunshine laws.

CJE 6429  Forensic Financial Invest.  3 credits
Prepares students to apply methods of discovering irregularities in financial records. Focuses on fraud investigation, and administration of correctional facilities, prison life, and contemporary debates concerning the role of corrections in society.

CJC 4015  Issues in Corrections  3 credits
A critical analysis of contemporary issues that are plaguing the correctional system. The class will examine both, the punitive and rehabilitative perspectives on corrections.

CJC 4166  Alternatives to Incarceration  3 credits
Alternatives to imprisoning the offender, including probation, parole and diversion. Community-based intervention and treatment approaches and the impact of social, political, and economic influences.

CJC 6329  Correctional Org & Admin  3 credits
Advanced review and analysis of scientific research & policy issues associated with the major dilemmas confronting correctional management today. Topics may include gangs, control and security, human rights, privatization, budgets, overcrowding and alternatives.

CJE 3365  Crisis Intervention  3 credits
Provides law enforcement, public service personnel, and clinicians with a general understanding of crisis intervention strategies and the kinds of situations that may be encountered.

CJE 4014  Issues in Law Enforcement  3 credits
This course uses readings, discussion, lecture and research presentations to explore contemporary issues in law enforcement policy and practice. Topics vary (discuss with instructor) and this course may be repeated. Instructor permission may be required during some semesters. Fee Required

CJE 4114  Law Enforcement  3 credits
Examination of the American law enforcement system at the federal, state, and local levels. Emphasis is on functions, responsibilities, and issues of local police agencies, as addressed in police research.

CJE 4444  Crime Prevention  3 credits
Theory, operation, evaluation of crime prevention strategies.

CJE 4612  Interview and Interrogation  3 credits
Interview and Interrogation is designed on the principle of kinesics and understanding various aspects of verbalizations. Students are exposed to the interview process in logical steps, each designed to understand deception and malingering, and mechanisms for counteracting.

CJE 4641  Advanced Criminalistics  3 credits
Advanced Forensics focuses on the death investigation which encompasses latent prints, taphonomy, blood pattern analysis, pathology, entomology, and human remains decomposition. Study also includes trauma associated with arson, blunt and sharp instruments, ballistics, poisoning, asphyxiation, and electrocution. Prerequisites: CCJ 3670 Fee Required

CJE 6168  Media & Community Relations  CJ3 credits
An in-depth study of the interaction between criminal justice agencies with the media and the community. Content will include relations with television, radio, and print, as well as public affairs officers and requirements of Freedom of Information and Florida’s Sunshine laws.

CJC 4010  American Corrections  3 credits
Comprehensive examination of the U.S. correctional system, including theories of punishment and rehabilitation, the historical antecedents of modern corrections, the operation
illegal schemes, records verification and effectiveness of compliance strategies. Experience/prior coursework in accounting strongly suggested.

CJE 6622 CSI and Laboratory Mgt 3 credits
Skills necessary to manage a Crime Scene Investigation Unit and a Forensic Laboratory including science personnel management, instrumentation calibration, logistics of managing laboratory consumables, identifying special skill needs, evaluating space requirements, insuring universal precautions are adhered to, and evidence management.

CJE 6629 Integrative Project 6 credits
This is the culmination of the MS in Criminal Forensic Studies. Each student, under the supervision of a Criminal Forensic Studies faculty member, will prepare research questions, conduct research, and author an original Master’s Thesis. The student is required to orally defend the Thesis before a panel of three Criminal Forensic Studies Faculty. Prerequisites: CCJ 6940

CJE 6645 Medicolegal Investigation I 3 credits
Principles and techniques of Death Investigation. Topics include interaction among law enforcement agencies at the federal, state, and local level: investigative tools & equipment; first responder activities & responsibilities; documenting & evaluating the scene. First of two courses to qualify students to sit for the certification examination as a Medicolegal Death Investigator. Fee Required

CJE 6646 Medicolegal Investigation II 3 credits
Principles and techniques of Death Investigation. Topics include documenting & evaluating the body, establishing & recording decedent profile information, and completing the scene investigation. Second of two courses to qualify students to sit for the certification examination as a Medicolegal Death Investigator. Prerequisites: CJE 6645 Fee Required

CJE 6748 Practicum-Human Identity 3 to 6 credits
The Criminal Forensic Practicum is a field experience in Human Identity analysis. Corequisites: CCJ 4933 Fee Required

CJE 6749 Ind. Research-Human Identity 3 to 6 credits
Candidates work directly with supervising faculty to conduct independent research specific to their degree concentration. Prerequisites: CCJ 6707 or CCJ 6709 Fee Required

CJJ 4015 Juvenile Justice System 3 credits
History, philosophy, and evaluation of the juvenile court and juvenile court practices and procedures. Topics may include neglect, dependency and delinquency, jurisdiction of the court, and roles of the police officer, the correctional officer, and the social worker in the juvenile justice system.

CJJ 4018 Issues in Juvenile Justice 3 credits
In-depth analysis of contemporary issues in juvenile justice. Stresses research-based evaluation of policy and current state of the juvenile justice system including nonresearch-based influences on the system.

CJL 4064 Constitutional Criminal Law 3 credits
Basic concepts of constitutional criminal law, including the historical basis of the American criminal law system.

CJL 4074 Legal Issues in Corrections 3 credits
Overview of the legal aspects of corrections, from conviction to release. Emphasis is on the practical, legal problems confronting the probation and parole officer and the corrections administrator.

CJL 4415 Law & Social Control 3 credits
The study of law and social structure, sociology of law, and formal control mechanisms. Examination of the philosophical, legal, and scientific modes of inquiry that are central to the study of law.

CJL 4510 Courts & Legal Issues 3 credits
The American court system, with emphasis on jurisdiction, policies, and procedures of courts in the administration of criminal justice. Central principles of criminal law, including the substantive elements of defining conduct for specific crimes and the various exculpatory conditions for criminal liability.

CJL 5021 Compliance Ethics & Control 3 credits
Covers legal/operational issues arising as entities conduct self-reviews, internal investigations and self-disclosure. Federal law and regulations as well as relevant Florida laws and regulations will be analyzed.

CJL 5085 Comparative Crim Just Systems 3 credits
Examination of various criminal justice systems in specific nations, cultures, or societies. Explores law enforcement, corrections, and the judiciary in comparative context; provides an overview of the historical bases, societal and cultural influences in the development of justice systems studied.

CJL 5087 Reg. of Bus. Conduct 3 credits
Explores core elements of business regulation. Topics include practical legal restrictions/penalties for non-compliance, ethical decision-making and avoidance of liability. Focuses upon corporations, partnerships, sole proprietorships and related entities.

CJL 5320 Legal Aspects of CJ Management 3 credits
An overview of relevant legal doctrines from state, federal, and international sources, applicable in criminal justice management. Particular attention will be paid to constitutional issues and modern developments in law.

CJL 6125 Corp & Environmental Crime 3 credits
Analysis of US corporations, EPA, and violations by these entities. The course also attempts to arrive at solutions.

CJL 6621 Criminal Evidence 3 credits
In-depth analysis of Constitutional due process guarantees; particularly rules of evidence. Participation in moot court as expert witness, juror, and attorney adversarial process.

CLP 3140 Basic Psychopathology 3 credits
Review of the major child, adolescent and adult psychological disorders. This course is not intended for Psychology majors. Prerequisites: PSY 2012 with a minimum grade of C

CLP 4143 Abnormal Psychology 3 credits
Descriptive Psychopathology, theoretical models, empirical evaluation and treatment of maladaptive behavior. Prerequisites: PSY 2012 with a minimum grade of C and (PSY 3044 with a minimum grade of C or PSY 3017 with a minimum grade of C) and STA 2023 with a minimum grade of C

CLP 4302 Intro to Clinical Psychology 3 credits
Introduction to Clinical Psychology: Surveys scientific basis, training, roles, models, controversies, and ethics. Prerequisites: PSY 2012 and STA 2023 and CLP 4143 and (PSY 3017 or PSY 3044)

CLP 4314 Health Psychology 3 credits
Review of application of clinical psychology in behavioral medicine context. Emphasis on rehabilitation and prevention.
Prerequisites: PSY 2012 with a minimum grade of C and (PSY 3044 with a minimum grade of C or PSY 3017 with a minimum grade of C) and STA 2023 with a minimum grade of C

CLP 4414 Behavior Modification 3 credits
Introduction to behavior analysis and application of learning principles, behavioral assessment, single subject research designs, and interventions in treatment settings.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

CLP 4433 Psych Tests & Measurements 3 credits
Consideration of the theoretical issues in psychometric test development. Review of instruments for intellectual, personality and neuropsychological assessment including development, applications, and potential abuses.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

CMM 1100 Florida Native Languages I 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required.
Prerequisites: CMM 1100

CMM 1101 Florida Native Languages II 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required.
Prerequisites: CMM 1100

CMM 1120 Florida Native Languages III 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required.
Prerequisites: CMM 1120 and CMM 1121

CMM 3201 Florida Native Languages IV 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required.
Prerequisites: CMM 1120 and CMM 1121 and CMM 3200

CNT 4104 Computer Network Programming 3 credits
Covers fundamental concepts and modern technologies in network programming at the application and TCP/IP level, as well as essential knowledge of the architectures, models and performance evaluation of computer communication networks.
Prerequisites: CDA 4150 with a minimum grade of C and COP 3003 with a minimum grade of C

COM 3014 Communication and Gender 3 credits
Explores sexual biases that affect male/female communication. Distinct verbal and nonverbal vocabularies of men and women that affect the way people interact in education, politics, marriage, family, business, and broadcasting are examined. Consideration is given to how gender affects credibility or status in discussion, debate, mass media portraits, and other realms of discourse.

COM 3120 Org Comm Behavior 3 credits
Examines communication within organizations with emphasis on organizational theory and structure, systems analysis, and communication networks.

COM 3343 Rhetorical Criticism 3 credits
Studies the methods of modern rhetorical critics. Emphasizes research and writing skills for a critical evaluation of rhetorical artifacts.

COM 3344 Rhetoric of Social Movements 3 credits
Examines the rhetorical impact social movements have upon a culture, including their influence on identity formation.

COM 3407 Theories of Comedy 3 credits
Upper-level theory class exploring the rhetorical construction and societal uses of comedy. The course focuses on four theoretical approaches - cathartic, mechanistic, taboo, and superiority.
Prerequisites: SPC 1600 or SPC 2023

COM 3462 Communication and Conflict 3 credits
This course will explore communication theories, principles, and methods associated with conflict, conflict escalation, conflict management, and conflict resolution in contexts such as interpersonal, family, neighborhood and region, nation and global community as well as environmental conflict.
Prerequisites: SPC 1600 with a minimum grade of C or SPC 2023 with a minimum grade of C

COM 3510 Political Campaign Rhetoric 3 credits
Introduces students to rhetorical techniques, strategies, and constraints in political campaigns. Includes an examination of speechwriting, advertising, and organizational public relations techniques.

COM 3540 Persuasion and Propaganda 3 credits
An advanced introduction to rhetorical and behavioral theories, principles, and strategies that will be examined and applied to contemporary persuasive communications.
Prerequisites: SPC 1600 or SPC 2023

COM 4311 Research Methods 3 credits
Research methods most commonly used in the study of communication are examined. Both qualitative and quantitative methods are taught. Students are required to conduct a major communication research project.
Prerequisites: SPC 3210

COM 4930 Spec Topics in Communication 1 to 6 credits
Topics may vary from semester to semester, as may hours. Junior status is required.

COP 1500 Intro to Computer Science 3 credits
Introducing basic concept of computing: discrete models, computer architecture and organization, operating systems, programming languages, software design and construction, performance evaluation, with a focus on programming.
Prerequisites: MAC 1105 with a minimum grade of C

COP 2001 Programming Methodology 3 credits
Advanced computer programming concepts and problem solving are explored using a procedural programming language. Topics include interfaces, random number genera-
A range of computer algorithms are explored. Function order
The design, implementation, analysis, and application of a
COT 3400 Algorithms 3 credits
Fee Required

A contemporary subject in the field of computer science is
COP 4931 Special Topics in Comp. Sci. 3 credits
 Fee Required

Activities is done under the supervision of a faculty member.
Laboratory investigation, field work, or a combination of these
COP 4908 Independent Study 3 credits
Fee Required

A contemporary subject in the field of computer science is
COT 3400 Algorithms 3 credits
The design, implementation, analysis, and application of a
range of computer algorithms are explored. Function order
of growth and amortized analysis are used in analyzing algorithms. A review and extension of data structure topics
including stacks, queues, trees, graphs, lists, sets, hash tables, and heaps are covered. Algorithm design strategies such as divide-and-conquer, the greedy method, and dynamic programming are studied. NP-complete problems are introduced. Pattern matching and parallel algorithms are explored.
Prerequisites: COP 2532 with a minimum grade of C
Fee Required

COP 2006 Introduction to Programming 3 credits
Introductory computer programming concepts and problem solving skills are learned using a modern programming language. Principles of good programming style are emphasized. (Advisor Permit Required)
Prerequisites: COP 1500 with a minimum grade of C and MAC 2311 with a minimum grade of C

COP 2532 Data Structures 3 credits
Data structure design, implementation, application, and analysis are explored. Abstract data types (ADTs) are introduced and use of interfaces is emphasized. Topics include stacks, queues, linked lists, and trees. Recursion is revisited, functions as data is considered, and computational complexity of searching and sorting algorithms are explored.
Prerequisites: COP 3003 with a minimum grade of C and MAD 3107 with a minimum grade of C

COP 2550 Programming Systems 3 credits
A range of modern programming systems from the imperative and declarative language paradigms is explored. Topics include selected procedural, object-based, parallel processing, logic, functional, and database languages.
Prerequisites: COP 2532
Fee Required

COP 3003 Object-Oriented Programming 3 credits
Computer programming concepts and problem solving are explored using an object-oriented programming language. Topics include use of predefined classes, creation of objects and classes, encapsulation using visibility modifiers, inheritance, class hierarchies, polymorphism, interfaces, exceptions, and stream I/O. Graphics and graphical user interfaces (GUIs) are explored. Includes two hours of lecture and one hour of lab per week.
Prerequisites: COP 2001 with a minimum grade of C
Fee Required

COP 4610 Operating Systems 3 credits
Covers the key concepts, mechanisms, and structure that underlie operating systems. The fundamental components of operating systems including process management, memory management, scheduling, file and storage management, I/O device management, and protection/security are explored. Contemporary design issues and current directions in development of operating systems are discussed. Case studies of several prominent operating system implementations are investigated.
Prerequisites: COP 2532 with a minimum grade of C and CDA 3104 with a minimum grade of C

COP 4908 Independent Study 3 credits
Reading, problem solving, project development, simulation, laboratory investigation, field work, or a combination of these activities is done under the supervision of a faculty member. (Instructor consent required)

COP 4931 Special Topics in Comp. Sci. 3 credits
A contemporary subject in the field of computer science is explored. (Instructor consent required)

CRW 6910 Directed Research 3 credits
Supervised research as part of a significant creative project. Approval of the director of graduate studies is required.

CRW 6331 Poetry Writing Workshop 3 credits
Examination of the fictional genres with an emphasis on the development of individual styles, writing and revising original fiction and preparing fiction for publication.
Prerequisites: CRW 4120 with a minimum grade of C

CRW 4320 Advanced Poetry Writing 3 credits
Development of an individual style in writing poetry; critiquing, editing, and revising original poetry and preparing poetry for publication.
Prerequisites: CRW 4120 with a minimum grade of C

CRW 4120 Advanced Fiction Writing 3 credits
Development of an individual style in writing fiction; critiquing, editing, and revising original fiction and preparing fiction for publication.
Prerequisites: CRW 2001 with a minimum grade of C

CRW 6130 Fiction Writing Workshop 3 credits
Examination of the fictional genres with an emphasis on the development of individual styles, writing and revising fiction and preparing it for publication.

CRW 6331 Poetry Writing Workshop 3 credits
Examination of poetic forms with an emphasis on the development of individual styles, writing and revising poetry and preparing it for publication.

CRW 4057 Politics and Violence 3 credits
Comparative analysis of propaganda in Fascist, State Socialist, and Democratic political systems.
Prerequisites: ENC 1102 with a minimum grade of C

CPO 3303 Latin American Politics 3 credits
An examination of the economic and cultural forces that have given rise to contemporary Latin America. Key topics include democracy, human rights, economic integration, macro-trafficking and environmental sustainability.
Prerequisites: ENC 1102 with a minimum grade of C

CPO 4076 Comparative Propaganda 3 credits
Comparative analysis of propaganda in Fascist, State Socialist, and Democratic political systems.
Prerequisites: ENC 1102 with a minimum grade of C

CRW 2001 Intro to Creative Writing 3 credits
Practice in developing skills in composing and editing original creative work. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1101 with a minimum grade of C

CRW 4001 Intro to Creative Writing 3 credits
Practice in developing skills in composing and editing original creative work. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1101 with a minimum grade of C

CRW 4057 Politics and Violence 3 credits
Comparative analysis of propaganda in Fascist, State Socialist, and Democratic political systems.
Prerequisites: ENC 1102 with a minimum grade of C

CRW 6130 Fiction Writing Workshop 3 credits
Examination of the fictional genres with an emphasis on the development of individual styles, writing and revising fiction and preparing it for publication.

CRW 6331 Poetry Writing Workshop 3 credits
Examination of poetic forms with an emphasis on the development of individual styles, writing and revising poetry and preparing it for publication.
CRW 6930 Spec Tops in Creative Writing 3 credits
Focused study of a specific topic or issue relating to creative writing. Course may be repeated once with a change in content.

CWR 3201C Engineering Fluid Mechanics 3 credits
Fundamentals of fluid mechanics; properties of fluids, hydrostatics; conservation of mass, momentum and energy in fluid flow; laminar and turbulent pipe flow; compressible flow; surface resistance; similarity and dimensional analysis; turbomachinery; and flow measurements; laboratory.
Prerequisites: MAP 2302 with a minimum grade of C and EGM 3420C with a minimum grade of C
Fee Required

CWR 3202C Hydraulics 3 credits
Analysis and design of civil/environmental engineering hydraulic systems, including piping, pumps, open channel flow, weirs, and storm sewer design.
Prerequisites: CWR 3201C with a minimum grade of C

CWR 4101C Hydrology 3 credits
Surface and atmospheric hydrology including introduction to groundwater hydrology. Includes hydrologic design, watershed analysis, geographic information systems (GIS), floodplain and hydrologic modeling, and topics in water resources.
Prerequisites: STA 2037 with a minimum grade of C and CWR 3202C with a minimum grade of C

CWR 4540C Water Resource Design 3 credits
Application of the principles of fluid mechanics, hydraulics, hydrology, and contaminant transport processes to water systems design. Students will explore water resources engineering processes in the theoretical and applied realm in the fields of closed conduit (pipe) flow, open channel flow, surface water hydrology, and groundwater flow. Urban storm water management, including legal and regulatory issues, flood routing, and control. Final water resources design project using local and state regulations.
Prerequisites: CWR 3203C with a minimum grade of C

DAA 2300 Ballroom/Social Dancing 2 credits
Development of technical skills in social/ballroom dance. May be repeated once with permission of instructor.

DAA 3684 Dance Theatre Lab 2 credits
Experience in dance ensemble and performance work. May be repeated once with permission of instructor.

DEP 2004 Principles of Development 3 credits
Survey of the major themes and recent findings in the area of lifespan development. Emphasis will be on the major biological, psychological and social developments from conception to death.
Prerequisites: PSY 2012 with a minimum grade of C

DEP 4054 Developmental Psychology 3 credits
Survey of methods, empirical findings and theoretical interpretations in the study of human development across the lifespan.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

DEP 4104 Advanced Child Psychology 3 credits
This course is designed to teach students about the psychological development of infants, toddlers, and preschoolers. Classroom study of the social, cognitive, motoric, and personality of development of young children will be augmented by direct observation and interaction with young children.
Prerequisites: PSY 3017 or PSY 3044

DEP 4404 Psych of Adulthood & Aging 3 credits
A life-span approach to human development across adulthood into late life. Cognitive aging, changes in social functioning, personality development, and adjustment in later life.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

ECO 1000 Survey of Economics 3 credits
Introductory survey of basic economic principles applied to public policy issues. Not a substitute for ECO 2013 or ECO 2023, nor a prerequisite for any other ECO or ECP course.

ECO 2013 Princ of Macro Economics 3 credits
Fundamental relationships in the aggregate, or macroeconomy. Basic measures, uses and limitations of macroeconomic activity. Public policy goals and alternative policy proposals regarding inflation, economic growth, unemployment and scarcity.
Prerequisites: ECO 2023 with a minimum grade of C

ECO 2023 Princ of Micro Economics 3 credits
Individual components of an economic system. Special emphasis is placed on decision-making by individuals and by firms. Market structures of competition and monopoly; supply and demand; international trade and finance.
Prerequisites: MAC 1105 with a minimum grade of C

ECO 3011 Intermediate Price Theory 3 credits
Behavior of individual economic units, primarily consumers and firms. Development of tools for analysis and explanation of various economic phenomena.
Prerequisites: ECO 2023

ECO 3203 Intermediate Macroeconomics 3 credits
An extension of the two principles of economics courses that evaluate the roles of the private and public sectors in the determination of national income, employment, and prices. Competing theories of the macroeconomy will be covered and at least one of the major macroeconomic models will be developed in depth. Money and monetary policy will be covered with the interplay of domestic and international economies upon one another. Monetary and fiscal policies will be covered and critiqued.
Prerequisites: ECO 2023 with a minimum grade of C and ECO 2013 with a minimum grade of C

ECO 3410 Econometrics I 3 credits
Covers statistical methods as applied in economics and finance. Topics include estimation and hypothesis testing, ordinary least squares estimators and their properties, single and multiple regression models.
Prerequisites: ECO 2023 with a minimum grade of C and STA 2023 with a minimum grade of C

ECO 3703 International Economics 3 credits
Gains from trade, balance of payments, exchange rate determination, balance of payments stability, and international commercial policy.
Prerequisites: ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C

ECO 4003 Economics of the Public Sector 3 credits
The study of the role of government in a market economy, including how government budgetary policy (spending, taxing, borrowing, and debt management) affects the economy and its citizens.
Prerequisites: ECO 2013 and ECO 2023
ECO 4504 Economics of the Public Sector 3 credits
The study of the role of government in a market economy, including how government budgetary policy (spending, taxing, borrowing, and debt management) affects the economy and its citizens.
Prerequisites: ECO 2013 and ECO 2023

ECO 5005 Foundations of Economics 3 credits
An accelerated survey of microeconomic and macroeconomic concepts. The microeconomics component addresses economic decision-making by individuals and firms in a market economy. Resource allocation, supply and demand, market structures and the wealth effects of a market economy are covered. The macroeconomic component deals with output, employment, the business cycle and policy decisions at the national level. Open to graduate students without a previous background in economics.

ECO 6905 Directed Independent Study 1 to 3 credits
Independent graduate level study and research under the direction of a faculty member. A prospectus and the product(s) of the completed research undertaken will become a permanent part of the student's file. Not automatically transferable. Permission of the instructor and/or the director of the program is required.

ECP 3302 Economics of the Environment 3 credits
A study of the economics of natural resources, energy, their uses and their impact upon the environment; utilization of external cost and benefit analysis to study the relationship between natural resource availability and growth; and an examination of alternative strategies and policies in solving the problems of environment quality and resource scarcity.
Prerequisites: ECO 2023 and ECO 2013

ECP 3613 Urban Economics 3 credits
A study of urban development, location theory, economics of housing, local public finance, and urban problems associated with poverty, racial discrimination, and transportation.
Prerequisites: ECO 2013

ECP 3703 Managerial Economics 3 credits
A study of economic decision making by the firm in relation to the industry and the economic and regulatory environment in which it operates; to use economic analysis in economic decision making the business policy formulation; to apply macroeconomics in making decisions in anticipation of cost, revenue and profit behavior.
Prerequisites: ECO 2023

ECP 3905 Directed Independent Study 1 to 3 credits
Supervised undergraduate study in economic problems and policy under the direction of a faculty member. A prospectus and the product(s) of the completed research undertaken will become a permanent part of the student's file. Not automatically transferable. Consent of the instructor and departmental approval are required.
Prerequisites: ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C

ECP 3930 Special Topics 1 to 3 credits
Topics of current interest in economic problems and policy. The course may also offer advanced versions of courses presently offered. Not automatically transferable.
Prerequisites: ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C

ECP 6311 Econ of Natural Resources I 3 credits
A study of the economic theory of optimal resource use and tests of resource scarcity.
Prerequisites: ECO 6005

ECP 6536 Economics of Health Care I 3 credits
A study of the fundamental economic relations governing the production, consumption, and financing of health care services; characteristics of demand and production relationships; response of supply, shortages and possibilities for factor substitution, insurance and organizational alternatives.
Prerequisites: ECO 6005

ECP 6642 Real Estate Economics 3 credits
This course introduces the student to the economic issues that are encountered in real estate markets. Special emphasis is placed on the differences between real estate markets and traditional markets.

ECP 6705 Managerial Economics 3 credits
Synthesis and application of microeconomics theory, tools and related business administration principles to a wide range of business and economic problems involving managerial decision-making from a problem-solving orientation. Topics include an examination of theoretical and empirical demand and cost functions, the fundamentals underlying business activity as it relates to the process of price management and decision making under various market conditions and regulatory constraints, long- and short-run planning, and domestic and international conditions influencing the firm's profitability and growth.
Prerequisites: ECO 6005

ECP 6930 Special Topics 1 to 3 credits
Topics of current interest in economics problems and policy. Topics will vary. The course may also be used to offer advanced versions of graduate courses presently offered. Not automatically transferable. Consent of the instructor and/or director of the program is required.
Prerequisites: ECO 6005

EDA 6061 Principles of Ed Leadership 3 credits
This is a survey course that introduces students to Educational Leadership as a profession. Consideration of organization, control, and support of the educational system. Typically, this is a student's first course in the program in Educational Leadership. Open to all graduate students.

EDA 6106 Admin Analysis & Change 3 credits
Change and change strategies in formal and informal organizations are foci. Students will develop change strategies and apply them to selected situations.

EDA 6192 Organizational Development 3 credits
Addresses leadership theory, change, and planning systems. Course focuses on historical and current best practices in leadership and change theory.

EDA 6195 Policy Development 3 credits
Contemporary research on diffusion of innovations, political power in policy decision making. Role of establishing educational policies.

EDA 6232 School Law 3 credits
Basic essentials of School Law. A review of court decisions affecting American education with emphasis on Florida state statutes.

EDA 6242 School Finance 3 credits
Financial support of education by local, state, federal sources, with emphasis on Florida; introduction to educational budgeting.
al facilities. Visitation and/or evaluation of selected schools.

EDA 6503 The Principalship 3 credits
Organization and administration of the school. Emphasis on the competencies necessary for leadership and management by the principal as the administrator and instructional leader.

EDA 6910 Directed Research 1 to 9 credits
Supervised research. Prerequisites:

EDA 6931 Case Studies Educational Leadership 3 credits
Helps prospective administrators understand administrative problems, propose feasible solutions, and evaluate courses of action. Develops skill in decision making.

EDA 6945 Internship in Educ Leadership 1 to 8 credits
Field experiences in school systems for identifying and analyzing educational problems and their solutions. Open only to students admitted to the Program in Educational Leadership who have successfully completed at least 30 semester hours of their coursework. Permission of faculty in Educational Leadership required.

EDA 6971 Thesis: Master’s 1 to 19 credits
Supervised thesis.

EDA 7066 Organizational Leadership 3 credits
Advanced graduate level course in organizational leadership focusing on the major leadership theories and concepts as applied to organizations; focus on concepts related to leadership, culture/climate, communications, changes, and ethics.

EDA 7193 Instructional Leadership 3 credits
Examination of the research literature concerning effective teaching and instructional improvement strategies, including use of technology, appropriate for PreK-12, postsecondary, and other educational settings. Students apply models of instructional leadership, including formative and summative evaluation.

EDA 7197 Current Issues Educ & Ldshp 3 credits
Addresses major, global issues, and reform efforts in education. Emphasis is on issues that impact student achievement and other measures of accountability; particular emphasis is on the impact of technology.

EDA 7235 Seminar in School Law 3 credits
Advanced graduate level course providing in-depth study of PK-12 American school law; focuses on selected school issues through detailed examinations of selected cases, statutes, and actions. Prerequisites: EDA 6232 with a minimum grade of B

EDA 7241 Economics of Education 3 credits
Study of various models of financing education used throughout the US and other countries; in-depth study of lawsuits related to funding schools; various policy issues related to school funding, including school choice; use of technology in developing budgets; economic forecast models for technology replacement and other capital expenses.

EDA 7281 Education Policy Analysis 3 credits
Advanced graduate level course providing in-depth of analytical techniques and strategies to inform policymaking. Primary treatment is given to quantitative techniques and strategies. Students will be able to judge the merits of and develop education policy analysis briefs.

EDA 7940 Internship in Leadership 3 credits
Students participate in experiences that bridge the gap between theoretical studies and application. Internship sites and field supervisors are selected and approved with the student’s advisory committee to meet the educational and career goals of the student.

EDA 3260 Emerg Lit Com & Cul 6 credits
Introduction to the acquisition and development of language, literacy theories, processes, instructional strategies and assessments. Survey of cultural indices and considerations for modifications and adaptation to meet the language and literacy needs of all children. Students should reserve at least three clock hours per week during the regular public school day for field experience. Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C

EDA 4301 Teaching Methods in Elem School 3 credits
Techniques and strategies appropriate to instruction of children in educational settings. Prerequisites:

EDA 4304 Integrated Math & Science 3 credits
Techniques and materials for integrating mathematics and science instruction in schools with a highlight on geometry, probability/statistics, environmental science, and life science. Prerequisites:

EDA 4930 Spec Topics in Elem Educ 3 credits
The special topic will be discussed in depth based on current research and required observations in the field. The student will examine the applicability to classroom practice. Prerequisites:

EDA 4936 Senior Seminar- Elem Ed 3 credits
Capstone experience in which trends and issues within the field of elementary education are examined from the perspective of the final internship. Taken concurrently with final internship. Prerequisites: Corequisites: EDE 4940

EDA 4940 Internship: Elementary Ed 9 credits
A ten-week internship, five days per week, to refine and demonstrate effective teaching practices. Students will assume the teacher role in selected schools or agencies. Prerequisites: Corequisites: EDE 4936

EDA 4941 Childhood Educ Internship Lev I 3 credits
Students spend six hours per week in a supervised in-school experience and attend weekly seminars.

EDA 4942 Integrated Field Exp: Elem. Ed 3 credits
Semester-long internship to observe and demonstrate effective teaching practices. Students will partially assume the teacher role in selected schools or agencies. Students will be in two integrated field experiences, three consecutive days per week, for a total of 12 weeks. Educator Accomplished Practices and Florida Performance Measurement System, in teaching skills, in making classroom decision, and in thinking reflectively about decisions. Prerequisites: EDG 3201 with a minimum grade of C Corequisites:

EDA 6205 School Curriculum: Elem 3 credits
Organization, curriculum, and instruction of the elementary school with emphasis on the nature of the students served. Open to all education graduate students. Prerequisites:
Course Descriptions

EDF 6206 Elementary C&I 3 credits
Analysis of curriculum theories, materials, and practices as they affect learning in the elementary school.

EDF 6225 Prob in Curric & Inst: Elem 3 credits
For teachers, supervisors and administrators. Curricular and instructional problems of the elementary school. Common problems of special interest to the participants. Normally, for certification requirements only.

EDF 6303 Eff Tchg Methods 3 credits
To provide meaningful experiences, based on Educator Accomplished Practices for the development of classroom management skills necessary for effective teaching in diverse and inclusive elementary education classrooms.

EDF 6305 Creative Teaching 3 credits
Creative processes and principles in the teaching of the art and content subjects to elementary school pupils.

EDF 6390 IndStud: Elem/EarlyChildEdu 1 to 6 credits
Independent study in which students must have a contract.

EDF 6932 Special Topics in Teaching 3 credits
Teachers in K-12 will refine and gain greater expertise in clinical teaching, peer support, and supervision of interns and beginning teachers and apply state standards for students and teachers.

EDF 6946L C&I Practicum: Elem 3 credits
A practical application for C&I theory in a supervised field experience to develop and practice effective curriculum planning and instructional practices. Field work will be conducted concurrently with Elementary C&I course. Prerequisites: EDE 6206

EDF 2005 Introduction to Education 3 credits
Survey course to orient students to the profession of education. Focus on current issues in education and their relationship to the disciplines social, philosophical and historical foundations. Thirty hours of field experience in pre-K - 12 schools required as part of this course.

EDF 3011 Student Develop and Learning 3 credits
Introduction to the psychological principles applied to the education process and address them in relation to classroom instruction, classroom management, discipline, and motivation. Course examines developmental psychology of children and adolescents in relation to learning.

EDF 3122 Learning & Developing Child 3 credits
Preadolescent child growth and development, learning theory, and behavioral analysis applied to instruction and to the organization and management of the classroom.

EDF 3201 Diversity of Human Experience 6 credits
The complexity and variety of opportunities in early childhood, elementary and special education are explored. Each field, including ESOL will be addressed within the context of human diversity. Students should reserve at least three clock hours per week during the regular public school day for field experience. Prerequisites: Corequisites: Fee Required

EDF 3251 Classroom Org & Management 3 credits
Development of instructional, organizational, and management knowledge and skills integrating components of classroom organization and management, school safety, professional ethics, and educational law necessary to create a positive learning environment.

EDF 3542 Philosophy of Education 3 credits
The basic cultural, social, historical, legal, financial, political, and governance, structures of American education and schooling, and the nature of professionalism in democratic society.

EDF 3604 Sr Seminar: Social Fndns of Ed 3 credits
Social, economic and political contexts within which schools function and the values which provide direction for our schools; the culture as a motivating influence and instruction. May be offered in Senior Seminar format in some programs.

EDF 4112 Child Growth and Development 3 credits
Understanding of child growth and development, including atypical development and knowledge of contemporary theories and theorists.

EDF 4424 Measurement Eval in Classroom 3 credits
This course is focused on providing teachers with the skills needed to evaluate K-12 student learning within the Florida accountability context. Teacher candidates learn to evaluate assessment materials provided in textbooks and district curricula to ensure that K-12 students have adequate opportunities to learn and demonstrate the Sunshine State Standards. Students learn to modify these materials, as needed, in order to evaluate the results of instruction by collecting, analyzing, and utilizing data collected through formal and informal means to improve student achievement.

EDF 4430 Measurement for Teachers 2 to 3 credits
Concepts and skills related to designing, administering, evaluating, interpreting, applying and communicating results of classroom tests to include both performance and objective assessments. Concepts and skills in administering, interpreting, applying, and communicating results of standardized assessments. Emphasis will be on the use of assessment tools to improve instruction and student achievement. Prerequisites:

EDF 4470 Assessment & Action Research 3 credits
Concepts and skills related to designing, administering, evaluating, interpreting, applying and communicating results of classroom tests to include both performance and objective assessments. Emphasis will be on the use of assessment tools to improve instruction and student achievement. Computer applications will be introduced. Prerequisites:

EDF 5136 Teaching the Adolescent Learner 3 or 4 credits
Educational, intellectual, personality, physical, social, and environmental factors in adolescence and their importance for professionals who work with adolescents.

EDF 6125 Child Development 4 credits
Educational, emotional, hereditary, intellectual, social, and physical factors influencing child growth and development.

EDF 6215 Learning Principles 3 credits
Focuses on theories of learning and their application to instruction.

EDF 6259 Classroom Mgt and Org 3 credits
Development of instructional, organizational, and management knowledge and skills integrating components of classroom organization and school safety, professional ethics, and educational law necessary to create a positive learning environment.
EDF 6284 Instructional Design 3 credits
Hands-on experience with several systematic designs of instructional courseware. Topics include instructional strategies, comparison and implementation of instructed designs, and a simulated design environment.

EDF 6354 Theories Personality for Couns 4 credits
Survey and analysis of major personality theories with emphasis on psychosocial and cognitive development throughout a person's life span.

EDF 6401 Data and Analysis in Education 4 credits
Theory and application of statistical procedures to problems in education: descriptive statistics, probability sampling, inferential statistics, interpretation of results, and introduction to computer programming for statistical analysis.

EDF 6432 Foundation of Measurement 3 credits
Basic measurement concepts, role of education, construction of teacher-made tests and other classroom assessments, interpretation of standardized tests, and fundamental descriptive statistics for use in test interpretation.

EDF 6465 Reading Program Evaluation 1 credits
Culminating experience for MEd Reading program. An introduction to components and models of program design. Prerequisites: Corequisites:

EDF 6469 Evaluation Tech Apps & Program 3 credits
Overview of evaluation in education settings: technology based applications and enhanced or supported programs. Students will critique design, development, and value of selected educational software applications in supporting teaching academic concepts and review multimedia or web-based instructional projects, developing skills to evaluate components of program design. Prerequisites:

EDF 6481 Foundations of Educ Research 3 credits
Analysis of major types of educational research design, including experimental, correlational, ex post facto, and case studies.

EDF 6486 Inquiry Skills&Assess. Methods 3 credits
Introduction to methods of research to monitor and improve instruction and learning; includes a variety of methods of conducting research in classrooms and assessing instructional effectiveness. Prerequisites:

EDF 6517 Historical Fdns of Amer, Ed 4 credits
History of the origins and development of American education, events, and movements that have shaped school policies and practices, and their relationship to contemporary developments.

EDF 6544 Philosofic Found. of Amer. Ed 3 credits
Major philosophies of education relevant to an understanding of contemporary educational issues.

EDF 6605 Foundations of Sec Education 3 credits
Designed to introduce students to the social, historical and philosophical foundations of American education, particularly focusing on secondary schools.

EDF 6606 Socio-Eco Foundations 3 credits
Provides a systematic examination of the social, economic and political issues surrounding the organization and operation of schooling in America, past and present. The course presents a framework for understanding how schools reflect American society and how education plays a role in the social and economic narratives about our nation's future.

EDF 6705 Gender & the Educ Process 3 credits
Designed to enable public school personnel, teachers, counselors, administrators, and other professionals to identify those aspects of public education that perpetuate sex role stereotyping. Emphasis will be placed on how the law and formal and informal affirmative action activities can be employed to correct sexism in schools.

EDF 6812 Seminar in Comparative Educ 4 credits
Policies and practices in education in selected countries.

EDF 6939 Seminar in Action Research 3 credits
Prerequisites:

EDF 7416 Quantitative Analysis 3 credits
Introductory statistics including non-parametric tests, bivariate correlational statistics, chi-square, product-moment correlation, simple linear and t-test, and analysis of variance purposes of analyzing educational issues through computer analysis and interpretation. Prerequisites: EDF 6481 and EDF 6432

EDF 7475 Qualitative Resrh Desg & Anls 3 credits
Basic concepts and principles of qualitative research; the nature of qualitative research, developing research questions, types of qualitative research, sampling, and data analysis and interpretation. Prerequisites: EDF 6481 and EDF 6432

EDF 7943 Cur Iss Ed Assess Dec Making 3 credits
Instruction in and linkages to issues related to measurement, assessment and evaluation concepts, which are integral to educational policy and decision-making. Prerequisites: EDF 6481 and EDF 6432

EDG 2701 Teaching Diverse Populations 3 credits
An introduction to the value of diversity in American society and the manifestations of diversity in the educational system. Focuses on providing prospective teachers with knowledge about students in American schools who are from different ethnic, racial, cultural, socioeconomic and/or linguistic backgrounds or who represent other categories of diversity. Classroom and/or community observations required.

EDG 3201 Professional Studies 6 credits
An exploration of the fundamental elements of professional studies in teacher education including an introduction to the field of curriculum and instruction. Emphasis is social, cultural, historical, political, economic, legal and philosophical foundations of American education, schooling, and the profession of teaching. Prerequisites:

EDG 4320 Intro. to Creative Drama 3 credits
Introduction to the theory and practice of creative drama as it applies to use by elementary, middle school and secondary school teachers. Beginning with a study of dramatic play as it relates to human development, the course includes basic strategies when using pantomime, voice improvisation, theater games and role playing and story dramatization.

EDG 4343 Instructional Strategies 3 credits
This course provides an overview of instructional models and strategies. Emphasis is placed on principles of state standards, instructional methods, and lesson planning, and instruction. Students will develop knowledge of instructional models and lesson plan construction for effective implementation including the diverse student populations.
Course Descriptions

EDG 4371 Creative & Affective Development 3 credits
Students gain expertise in knowledge of principles of music, visual art, and movement and learn how to apply this knowledge of the design of developmentally and culturally appropriate activities. A key focus is infusing the creative arts and movement into the curriculum.
Prerequisites: EDG 3201 with a minimum grade of C
Fee Required

EDG 4620 Curriculum & Instruction 3 credits
An introduction to the field of curriculum and instruction. Emphasis is placed on principles of curriculum development and use of instructional strategies. Students will develop, implement, and evaluate a variety of lesson plans.

EDG 4905 Independent Study 1 to 4 credits
Specialized independent study determined by the student's needs and interests and supervision by a qualified faculty member. May be repeated.

EDG 4930 Special Topics in Education 1 to 4 credits
Topics of special or current interest. Students may repeat this course with different titles.

EDG 6250 Curriculum Design & Development 3 credits
Overview of curriculum and development issues. Presents relationship between curriculum theories and instructional practices, interrelationship of various components of a curriculum design, and curriculum design as a basis for decision-making in constructing instructional programs. Demonstrates different applications of curriculum principles to the development of educational programs especially in technology rich environments as well as assessment of current plans and organization of the curriculum.

EDG 6285 School Curriculum Improvement 3 credits
Open only to teachers in service. Complete faculty participation required.

EDG 6326 Learning, Account & Assessment 6 credits
Examines instructional leadership as it is related to curriculum development and continuous school improvement with a focus on organization of the curriculum, learning, accountability, and assessment issues.

EDG 6363 Capstone Seminar 1 to 3 credits
Students will design a scholarly project or write a proposal for research under the direction of the faculty advisor that integrates the principles theories, and concepts of the core courses of the C&I program and the student's concentration themes.

EDG 6391 Instructional Leadership 3 credits
Enables educational leaders to explore issues that are pertinent to curriculum planning, development, implementation, and evaluation, and to make informed, research-based decisions related to instructional design, teaching, and learning.

EDG 6627 Found. of Curriculum & Instruction 3 credits
Introductory course in curriculum and instruction at the graduate level, basic to all specialized courses in the field. Emphasis on foundations, design, basic concepts, theory, and trends of curriculum from early childhood through secondary levels.

EDG 6631 Instruct Strat Diverse Learner 3 credits
Overview of characteristics of diverse learners and how gender, ethnicity, cultures, socio-economic status, language impact student perceptions and access to education and training opportunities. Course will identify factors and strategies essential to facilitate learning of diverse learners in different settings.

EDG 6705 Learn & Tech Except Pops, 6-12 3 credits
Course will cover the historical background of inclusion as well as best practices and accommodations for high and low incidence populations. Collaboration with special and general education personnel and parents will also be discussed.

EDG 6931 Selected Topics in Education 1 to 4 credits
Each topic is a course under the supervision of a faculty member. The title and content will vary according to the topic.

EDG 6935 Seminar in Curric Research 2 to 3 credits
Critical evaluation of current research and curriculum literature, design and analysis of individual research topics leading to the satisfaction of research requirements.
Prerequisites: EDF 6481 with a passing grade

EDG 6947 Internship 1 to 9 credits
Open to graduate degree candidates only. Supervised teaching at the secondary or junior college level as appropriate.

EDG 6971 Thesis: Masters 1 to 19 credits
Supervised Thesis Interdisciplinary Studies.
PREREQUISITES:

EDG 7046 Found Sustainability Educ Practice 1 credits
Seminar that introduces definitions, historical perspectives and issues in sustainability in education and focuses on religious, philosophical, and scientific underpinnings of sustainability. Involves field experience, discussions, and presentations as pedagogy.

EDG 7047 Sustainability: Global Issues 1 credits
Seminar focuses on global issues related to sustainability in education. Imbedded in the seminar sections of the Earth Charter on social and economic justice, democracy, and nonviolence.
Prerequisites: EDG 7046

EDG 7065 Hist Persp Crit Literacies 3 credits
Literacies, as defined at different points in history, including visual, print, non-print, numerical, technological, environmental, and cultural are examined to determine 21st century impact on curriculum of being literate.

EDG 7221 Curriculum Theory 3 credits
Advanced graduate level course providing an analysis of the theoretical and research base which supports the various dimensions of the curriculum field.

EDG 7286 Curriculum Design Evaluation 3 credits
Bridging theory into practice in curriculum design, development and evaluation; tools, processes, and issues involved in the planning, design, development, implementation, and evaluation of effective curricular initiatives across learning contexts, K-12, higher education, face-to-face, or virtual delivery.

EDG 7325 Multiple Pedagogies 3 credits
Investigates traditional, alternative, and creative models of teaching that engender developing visionary society for cross-cultural communication. Pedagogy that foster intrinsic learning, cooperation/appreciation of differences; coaching techniques.

EDG 7347 Transf Lrng thru Narrative 3 credits
Through narrative inquiries students will encounter transformative learning theory with personal/professional insights into leadership and curriculum. Founded in adult study literature, content crosses diverse fields within responsive multi-
EDG 7362 Advanced Learning Theory 3 credits
Intensive exploration of prominent learning theories in the field of education; theoretical paradigms, philosophical epistemologies, and research related to how people learn; role of learning theory in making institutional, program, and instructional decisions.

EDG 7635 Curr Persp Exceptionalities 3 credits
Critical issues in the field of special education, nationally and internationally; a seminar format with an in-depth assignment that requires extensive school/agency based experiences.

EDG 7707 Diversity & Global Stud in Ed 3 credits
Emphasis on cultural diversity in education and comparative education. Seminar format with an on-site experiential component. Conceptual, theoretical, and sociological foundations of education provided by examining theories and empirical research pertaining to diversity.

EDG 7908 Pedagog/Curr in Sustain in Ed 1 credits
Education leaders consider pedagogical and curricular decisions in educating for sustainability; models explored; principles developed in relation to Earth Charter issues. Includes research, discussion, presentations, and collaborative projects with practitioners of sustainability in education.
Prerequisites: EDG 7046

EDG 7940 Internship in Curr and Instr 3 credits
Students participate in experiences that bridge the gap between theoretical studies and application. Internship sites and field supervisors are selected and approved with the student's advisory committee to meet the educational and career goals of the student.

EDG 7974 Specialist Proposal Dev. 1 to 3 credits
In class students develop a proposal for their culminating specialist project in consultation with their major professor and EdS Committee.

EDG 7975 Specialist Culminating Project 1 to 3 credits
Work with major professor and EdS Committee to complete culminating project.
Prerequisites: EDG 7974

EDM 6235 School Curriculum:Middle 3 credits
Examines the organization, curriculum, and instruction of the middle school with special emphasis on the nature of the students served. Open to all education graduate students.
Prerequisites: EDM 6227 with a minimum grade of B

EDM 6256 Prob in Curr &Instruct:Mid Schl 3 credits
For teachers, supervisors, and administrators. Curricular and instructional problems of the middle school. Common problems of special interest to the participants. Normally, for certification requirements only.

EDS 5414 Interpreting the Environment 3 credits
An in-depth examination of the theory, methods, and contemporary practices in interpretation or the environment from literature review, field analysis and research investigations. Design and assessment of exhibits, trails, signage, creative drama, comprehensive programs and their staffing, management and funding.

EDS 6050 Human Resources Development 3 credits
Focuses on critical elements of human resource development in educational settings. Particular emphasis is on staff development and on improving and evaluating instruction.

EDS 6131 Clinical Supervision 3 credits
Trains administrators, supervisors, and peer teachers in observing and diagnosing teacher classroom performance, writing remedial plans, conducting post observation conferences, and evaluating performance.

EDS 6239 Problems Personnel Development 3 credits
Analysis of instructional problems in schools. Emphasis on supervisory tasks, case studies, and the application of problem solving techniques and strategies.
Prerequisites:

ECC 3268 Play Development & Assessment 3 credits
Utilizing age appropriate environments for young children, effective play facilitation, and play as a tool in assessing strategies for children at risk.
Prerequisites:

ECC 4008 Lit. in Early Childhood Educ. 3 credits
Emphasis is placed on developing knowledge of literature for younger children (0-8 years) and methodologies and strategies for utilizing literature to teach literacy in content areas of the curriculum.

ECC 4203 Prog for Young Children 3 credits
Historical and sociological foundations of early childhood education, establishing professional beliefs regarding teaching young children, and developing an appropriate learning environment. Field experiences required.

ECC 4211 Integ. Sci & Math/Yng Children 3 credits
Beginning sequential science and mathematical concepts for the appropriate stages of cognitive development of young children.
Prerequisites: EDG 3201 with a minimum grade of C
Fee Required

ECC 4212 Int. Curr.: S.S., Human., & Art 3 credits
Develops understanding of appropriate curriculum experiences in social science, humanities, and art for kindergarten and primary grades with an emphasis on how learning experiences are integrated throughout the curriculum, how these curriculum areas can be integrative stimulus, and how sociological influences such as culture, ethnicity, language and gender impact understandings, values and learning.
Prerequisites:

ECC 4300 Cognitive Exp for Yng Children 3 credits
Theoretical aspects of cognitive development for children ages zero to eight with emphasis on planning developmentally and culturally appropriate teaching-learning experiences and determining appropriate curriculum content in language arts, science, mathematics, and social studies with an emphasis on integrated experiences.
Prerequisites:

ECC 4303 Creat/AffectExp for YoungChild 3 credits
The development of creative and affective experiences in young children ages 0 - 8, emphasizing infusing creativity into the integrated curriculum. In conjunction with the accompanying field experience, students plan and implement developmentally and culturally appropriate child-centered learning experiences in play, music, drama, arts, and movement based on the needs of individual children.
Prerequisites: Fee Required

ECC 4404C Relations Across Fam-Sch-Comm 3 credits
The knowledge base and skills necessary to form partnerships with families and the community to enhance the care and education of young children, to design and environment,
EEC 4008 Child Family & Teach Relations 3 credits
Focuses on developing understanding of traditional and non-traditional families including structural and lifestyle variations and understanding of parenting in diverse cultures including high-risk families.
Prerequisites: EDF 4112 with a minimum grade of C and EEC 4300 with a minimum grade of C and EEC 4303 with a minimum grade of C

EEC 4510 Infants and Toddlers 3 credits
This course is designed to teach students the knowledge base and skills necessary to provide a high-quality infant and/or toddler program. The course will integrate knowledge of individualizing care and education for all children including children with special needs and children from diverse cultural groups.
Prerequisites:

EEC 4706 Language & Emerging Literacy 3 credits
Focuses on developing an understanding of language development, processes of emerging literacy and how teachers support development through appropriate integrated curriculum experiences.

EEC 4936 Sr. Seminar: Early Childhood 3 credits
Capstone experience taken concurrently with the final internship. Trends and issues within the field of early childhood education are examined from the perspective of the final internship experience.
Prerequisites: EEC 4940

EEC 4940 Internship: Early Childhood 9 credits
Full day, full semester internship, with field placement in a kindergarten, pre-kindergarten, or primary grade where teacher candidates demonstrate the ability to apply knowledge, skills and dispositions in authentic situations.
Prerequisites: EEC 4936

EEC 4942 Integrated Field Exp. - EC 3 credits
Semester-long internship, the equivalent of 2 full days per week, to observe and demonstrate effective teaching practices by assuming the teacher roles in selected schools or agencies. Students will be in two integrated field experiences, two consecutive days per week, for a total of 12 weeks. Field experiences will be carried out in selected school and community agencies.
Prerequisites: EEC 4943

EEC 4943 Field Experience III 3 credits
Field placement in kindergarten or primary grade where teacher candidates have opportunity to apply knowledge and skills in authentic situations. Focus on developing deeper understanding of growth and development and relationship to curriculum planning and emphasis on self evaluation of knowledge, skills and dispositions essential for teaching.
Prerequisites:

EEC 6261 Adv Prog in Early Child Educ 3 credits
Innovative curriculum designs in Early Childhood Education, with emphasis give to related research.
Prerequisites:

EEC 6405 Home-Schl-Comm Interac/ECE 3 credits
Review of the current research on how children across the lifespan and interact reciprocally with their families and with the various levels of schooling in their learning process, collectively and in small groups, we will be critically analyzing policies and programs that address ways to mobilize schools and families to work together in educational partnerships.

EEC 6406 Social Growth in Childhood 3 credits
Principle factors that influence the social development of young children with particular emphasis upon those cultural influences that affect both child development and the educational programs for the young child.

EEC 6705 Intellec Growth in Childhood 3 credits
Intellectual development of the normal child with particular emphasis on the studies of Jean Piaget and how they relate to curriculum for children, ages 0-8. Child study through observation required.

EEC 6926 Wkshop in Early Childhood Educ 3 credits
Individual problems and innovations related to methods and materials of instruction in early childhood.

EED 4941 Practicum: Behavior Disorders 2 to 4 credits
Supervised field experiences in assessment, behavior management, and clinical teaching with children who have behavior disorders. Repeatable up to a total of five credit hours. First time taken for two credits, second time taken for three credits. (S/U only)
Prerequisites:

EED 6211 EduStrat for Stud w/BehavDisor 3 credits
Advanced methods and materials for planning, implementing, and evaluating educational interventions with students with behavior disorders.

EED 6215 AdvTheories&Prac in BehavDisor 3 credits
An understanding of the theoretical bases for explaining, preventing and treating emotional and behavioral disorders, and in implementing myriad techniques to effectively meet the needs of children and youth with behavioral and emotional disorders. The course is designed for Master’s level students who plan to teach students with emotional and behavioral disorders in school and clinical settings. The focus is on etiological theories and their associated interventions relative to emotional and behavioral disabilities observed in educational settings. This course will help students integrate theoretical concepts with specific culturally sensitive approaches for identifying, classifying and intervening with students with behavior disorders and their families.

EED 6246 Educating the Autistic Student 3 credits
Developing and managing appropriate and effective educational programs and techniques for students who have autism.

EED 6943 Practicum in Behavior Disorders 1 to 8 credits
Supervised graduate practicum experiences with children who have behavior disorders. It provides opportunities for students to demonstrate their skills in applying concepts, theories, and research when working with students with special needs.

EEL 3003 Electrical Engineering I 3 credits
For non-EE majors. Basic principles of DC and AC circuit analysis, electronic devices and amplifiers, digital circuits, and power systems.
Prerequisites: MAC 2312

EES 3204C Environ Chem for Engineers 3 credits
The course will cover basic chemical principles from general, physical, equilibrium, organic, biochemistry, colloid, and nuclear chemistry, focusing on the aspects of chemistry that are particularly valuable for solving environmental problems, thermodynamics, fugacity, charge-transfer, and properties of mixing; chemistry of aliphatic and aromatic compounds; organic functional groups and toxic organic chemicals; laboratory safety. This course is inquiry based and fully integrated with a laboratory that emphasized active learning strategies.

**Prerequisites:** PHY 2049C with a minimum grade of C and BSC 1010C with a minimum grade of C and CHM 1046C with a minimum grade of C or (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C ) Fee Required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 2010</td>
<td>Intro to Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4011</td>
<td>Foundations of Special Ed</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4050</td>
<td>Theories &amp; Prac in Spec Educ</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4070</td>
<td>Integr. Except. Students in Reg</td>
<td>2 to 3</td>
</tr>
<tr>
<td>EEX 4201</td>
<td>Young Children with Spec Needs</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4221</td>
<td>Educ Assess of Exceptional Stud</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4231</td>
<td>Assessing Prog Child w/Disab</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4243</td>
<td>Edu of Excep Adoles &amp; Adult</td>
<td>3</td>
</tr>
</tbody>
</table>

**EEX 4255** Teaching students mod/sev disabil 3 credits
Teaching students who are earning a specialized diploma II option. Particular emphasis will be given to school to career plans, community based instruction, inclusion, and functional curriculums.

**Prerequisites:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4604</td>
<td>BehavMgmt SpecNeed/AtRisk Stud</td>
<td>3</td>
</tr>
</tbody>
</table>

**EEX 4742** History & Narr Pers Exception 3 credits
Designed to use literature as a way to interpret the lives of individuals with disabilities, their lives. The course also addresses cultural and ethnic diversity so as to better analyze the role of ethics and values in decisions made pertaining to individuals with disabilities.

**Prerequisites:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4846</td>
<td>Tching Students w/Mild-Mod Dis</td>
<td>3</td>
</tr>
</tbody>
</table>

**EEX 4905** Independent Study 1 to 3 credits
Independent Study.

**EEX 4930** Spec Topics in Spec Ed 3 credits
Topics of special or current interest. The special topic will be discussed in depth based on current research and required observations in the field. The student will examine the applicability to classroom practice. just prior to the final internship semester.

**Prerequisites:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4936</td>
<td>Senior Seminar: Special Ed</td>
<td>3</td>
</tr>
</tbody>
</table>

**EEX 4940** Internship: Special Ed 9 credits
A ten-week internship, five days per week, to refine and demonstrate effective teaching practices. Students will assume the teacher role in selected schools or agencies.

**Prerequisites:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4942</td>
<td>Integ Field Exper in Spec Ed</td>
<td>3</td>
</tr>
</tbody>
</table>

**EEX 5752** Work w/Fam: Pluralistic Persp 3 credits
A broad systemic view of family theory amenable to the pan-
oramic of ethnic and cultural diversity. Stresses the multifaceted role of the special education teacher, an increased emphasis on today’s pluralistic society, the need to keep abreast of the changing discipline of exceptional education, the importance of collaboration with other child-caring disciplines, and the ability to identify and intervene with families and children at risk.

EEX 6017 Typical & Atypical Development 4 credits
A comprehensive presentation of child development theory, developmental sequences and stages and developmental risk factors. Foundational knowledge for developmental assessment skill.

EEX 6025 Foundations of Special Educ 3 credits
Current state of the art trends as well as issues related to the education of exceptional students are addressed. In addition to the specific exceptional student populations, including the culturally diverse attention will be directed to the issues of definitions, identification and assessment practices.

EEX 6206 Cur Plan Intervention Yng Child 4 credits
An overview of building developmentally appropriate interventions and instructional strategies built on assessment findings, family concerns and team consensus. Comprehensive address of strategies to deliver services in integrated, natural learning environments as part of typical family/child routines.

EEX 6207 MedicallyComplex YoungChildren3 credits
Introduction to risk factors, developmental delays and syndromes including genetic, environmental and medical. Family perspectives and diversity issues are discussed.
Prerequisites: EEX 6017

EEX 6213 Assessment of Young Children 4 credits
Comprehensive overview of assessment models and tools utilized for young children with special needs. Emphasis on the role of the family in the assessment process and methods of identifying family concerns. Overview of linking assessment results to interventions and instructional strategies.

EEX 6222 AdvPsychoEd Assess-Excep Stud3 credits
Primary goals are to review and critique a variety of assessment procedures that are commonly used in special education programs and to examine the assessment process and the attendant policies and legal issues in special education. Preferred courses in Measurement and Introductory Special Ed.

EEX 6245 TranProg-Adol&Young ExepStu 3 credits
Designed to provide teachers of individuals with disabilities with skills to enhance opportunities for successful transitions. Specific skill areas addressed include strategy, social skill and career/vocational instruction.
Prerequisites:

EEX 6248 Instr Approaches for Excp Pops 3 credits
Indepth study of instructional strategies that are effective when teaching students with behavior disorders, mental retardation (developmental disabilities) and learning disabilities. Content includes techniques for curriculum adaptation, IEP development, direct, database and metacognitive strategy instruction, and technology applications.

EEX 6511 Admin of Excep Student Prog 3 credits
Procedures that local, state, and national administrators may use to implement services for exceptional students.

EEX 6612 Mgmt &Motiv Excep &at-RiskStud3 credits
A critical look at the conceptual and research bases of disciplinary approaches commonly seen in classrooms for exceptional students, with particular attention to those systems that support the inclusion and success of students with disabilities. Understanding and dealing with challenging student behaviors, reviewing theories commonly used, critiquing intervention research, and examining teacher beliefs that underlie teacher interventions.

EEX 6708 Teaming in Early Childhood 3 credits
A study of team models for service delivery, team development and team member roles. Emphasis on the family of the young children with special needs as critical team members and family systems theory. Closely looks at the Florida service delivery system for young children.

EEX 6732 Consult & Collab in Spec Ed 3 credits
Collaborative/consultative models for special education majors including theories and research pertaining to consultation, working with teams of other professionals, and collaborating with parents and professionals.

EEX 6775 Interperson Interact & Sk Dev 3 credits
An understanding of methods of providing instruction in interpersonal and intrapersonal skills including personal care, self-advocacy, self-determination, workplace skills, family life skills, social skills, and adaptive life skills.
Prerequisites: EEX 6025

EEX 6906 IndependentStudy:Special Educ 1 to 6 credits
Independent study in which students must have a contract with an instructor.

EEX 6939 AdvSem: Paradigms,Prac & Pol 3 credits
Critical examination of the field of special education and evaluation of controversies and ethical dilemmas confronting the field. Skills to systematically evaluate the conceptual, practical, and ethical challenges they encounter and critically assess the impact of changes on their professionals practices.

EEX 6943 Practicum-Excep Stu Educ 3 credits
Supervised field work in exceptional student education with children (including preschool handicapped) who have learning disabilities, mental handicaps, emotional and behavioral disabilities, physical disabilities, or multiple disabilities. Can repeat up to 6 credit hours.

EGI 5051 Nature in Needs of the Gifted 3 credits
This survey course examines the characteristics and educational needs of children and youth who are gifted, including those from special populations. Emphasis is on giftedness as defined historically, nationally and locally. The course also explores changing views of intelligence and talent development related to policy and practice in gifted education as well as the processes of identification and programming.

EGI 5325 Creative Prob-Solving forChild 3 credits
Explores the concept of creativity, its factors, theories, measurement, and nurturance. A focus on formal and informal applications will include educational programs, curriculum and strategies.

EGI 6232 Adv Educ Strat for the Gifted 3 credits
Curriculum adjustments, methods and techniques, as well as classroom organizations necessary for teaching students who are gifted. Emphasis will also be on curriculum in gifted programs within the context of school reform and restructuring.

EGI 6416 ConsultCouns&Guid-GiftedStud 3 credits
Primary emphasis will be on awareness, knowledge and understanding of the unique guidance and counseling needs of students who are gifted and talented of from special popula-
EGI 6936 Sem & Educ of Gifted:Spec Popu 3 credits
A critical survey of the research, issues, policy, ethics, and practices related to culturally diverse, economically disadvantaged, limited English proficient, twice exceptional, highly gifted, or very young.

EGM 3420C Engineering Mechanics 4 credits
Engineering mechanics (statics and dynamics) examines the effect of forces acting on particles and rigid bodies. Vector mechanics is used extensively. Statics addresses the topics of equilibrium in two and three dimensions, to include distributed loads, trusses, frames, friction, and cables. Dynamics addresses kinematics, including translating and rotating reference frames and coriolis acceleration and two-dimensional kinetics methods of force-acceleration, work-energy, and impulse-momentum.
Prerequisites: PHY 2048C with a minimum grade of C
Fee Required

EGN 1006L Intro to the Engineering Prof. 1 credits
Overview of academic and professional requirements in various engineering disciplines.
Fee Required

EGN 1008C Engineering Concepts & Methods 3 credits
Overview of problem-solving strategies the design process, the engineering method, applied engineering concepts and fundamentals, and the computation tools for engineers.
Prerequisites: MAC 2311 with a minimum grade of C

EGN 1041C Problem Solving & Design Engrs 2 credits
Introduction to problem solving strategies and the design process in engineering. Also includes an introduction to computation tools for engineers.
Prerequisites: MAC 2311 with a minimum grade of C and EGN 1006L with a minimum grade of C

EGN 2111C Engineering Computer Graphics 2 credits
Spatial visualization, descriptive geometry and design communication methodology. Computer graphics techniques used to conceive, model, analyze, simulate, and evaluate design ideas. Emphasis on state-of-the-art Computer-Aided design and geometric modeling software tools.
Prerequisites:

EGN 3310 Engineering Analysis-Statics 3 credits
Provides students with the fundamental concepts of mechanics, including resultants of force systems, free-body diagrams, equilibrium of rigid bodies, and analyses of structures.
Prerequisites: PHY 2048
Corequisites: MAC 2312

EGN 3321 Dynamics 3 credits
Study of the motion of particles and rigid bodies, conservation of energy and momentum. A vector approach is utilized.
Prerequisites: EGN 3310

EGN 3331C Mechanics of Materials 3 credits
Analysis of deformable solids subjected to force systems. One, two, and three-dimensional stress and strain relationships for linear elastic solids. Statically determinate and indeterminate axial force, torsion, and bending members. Stress transformations, pressure vessels, and combined loading. Introductory aspects of column buckling.
Prerequisites: EGM 3420C with a minimum grade of C
Fee Required

EGN 3373C Circ Sens Bioengineers 3 credits
Principles of analog and digital circuit design, simulation, and analysis; principles and design of sensors, electronic devices and amplifiers for bioengineering applications.
Prerequisites: EGN 1008C with a minimum grade of C and PHY 2049C with a minimum grade of C
Fee Required

EGN 3374C Signals Syst Bioengineers 3 credits
Introduction to analysis of signals arising from both living and non-living systems. Basic processing of signals with emphasis on analog models and processes. Linear systems and an introduction to closed-loop control. Includes Laplace and Fourier transforms and use of computers for signal and systems analysis and control within bioengineering applications.
Prerequisites: BME 3403C with a minimum grade of C and EGN 3373C with a minimum grade of C
Fee Required

EGN 3641C Engineering Entrepreneurship 3 credits
Introduces students to engineering entrepreneurship through case studies and the process of defining an engineering service learning project.
Prerequisites: EGN 3833C with a minimum grade of C

EGN 3833C Engineering Service Learning 2 credits
Team-based community service activity that incorporates engineering and responds to community need. Topics emphasize the societal context of engineering, the use of design methods and engineering analysis, team skills, project management, communications, engineering standards and liability, and components of critical thinking and self discovery.
Prerequisites: EGN 3331C with a minimum grade of C
Fee Required

EGN 4410L Engineering Senior Design I 1 credits
Engineering capstone design is a cornerstone in engineering education. During this first course in senior design, the students will develop a team, identify a client, and propose a project, as well as begin data gathering and analysis necessary for Engineering Senior Design II.
Prerequisites: EGN 3641C with a minimum grade of C and (BME 4800C with a minimum grade of C and EGN 3374C with a minimum grade of C and BME 3261C with a minimum grade of C) or (ENvironm 3006C with a minimum grade of C) and (EES 3204C with a minimum grade of C) or (EES 3204C with a minimum grade of C and ENV 3006C with a minimum grade of C) and (BME 4800C with a minimum grade of C and EGN 3374C with a minimum grade of C) and (EES 3204C with a minimum grade of C)

EGN 4411C Engineering Senior Design II 3 credits
Engineering capstone design is a cornerstone in engineering education. During this second course in engineering senior design, the students will develop alternative solutions, prototype, test, and deliver products, systems, or processes to their client.
Prerequisites: EGN 4410L with a minimum grade of C

EGN 4900 Directed Engineering Research 1 to 4 credits
Supervised research on an engineering topic. Content is selected by students in conjunction with the faculty advisor and is usually specific to the students’ engineering discipline. Research is conducted by students directly under the supervision of a faculty mentor. Admission to the U.A. Whitaker School of Engineering and approval of the student’s Department Chair are required. The course may be repeated with different content.

ELD 4941 Pract. Specific Learn Disabilities 2 to 4 credits
Supervised field experiences in assessment, behavior management, and clinical teaching with children who have learning disabilities. Repeatable up to a total of five credit hours. First time taken for two credits, second time taken for three credits. (S/U only) A corequisite of EEX 4604 or 4846 based
is required based on level of practicum.
Prerequisites:

ELD 6015 AdvTheo/Prac-Spec LearnDisab 3 credits
A review of the role of theory in the development of the field of learning disabilities. Students will be given the opportunity to study the major theories that have shaped the field and should acquire information about multicultural issues in relationship to historical perspectives, current trends and future directions.

ELD 6235 EduStrat:Study w/Learning Disab 3 credits
Advanced educational procedures and material development for the student with specific learning disabilities.

ELD 6943 Practicum-Learning Disabil. 3 credits
Supervised experiences with students who have learning disabilities. It provides opportunities for students to demonstrate their skills in applying concepts, theories, and research when working with students with special needs. Can be repeated twice for six credit hours.

EME 2040 Intro to Computers in Educ. 3 credits
Introduction to computers and technologies, and their function in the classroom to augment the teaching and learning processes.

EME 4402 Infusing Technology in Ed 2 credits
An introduction to the use of technology in the K-12 classroom.

EME 5053 Intro to Educational Technology 3 credits
Provides an overview of media and technology in education and issues of integration of technology. Course will survey theoretical issues and trends in educational technology and impact on selection, design, utilization, and evaluation of instructional media.

EME 6207 Web Design and Development 3 credits
Website development and editing, including graphics configuration, using Macromedia’s Dreamweaver/Fireworks Suite. Prerequisites: EME 5054

EME 6209 Graphics and Animation Design 3 credits
Advanced features of Macromedia’s Dreamweaver and Fireworks and online animation for web pages. Prerequisites: EME 5054 and EME 6207

EME 6225 Integrating Tech: PreK-8 3 credits
Application of computing and related technology to teaching and learning. Discussion will focus on software, media, internet resources for PreK-8. Prerequisites:

EME 6403 Intro to Networking 3 credits
Covers vendor neutral industry-standard certifications for basic networking skill for communication systems incorporated into classroom computers and school networks. Course is designed to include items covered in CompTIA Network+ Certification exam and CompTIA A+ operating system exam.

EME 6405 Integrating Tech: 6-12/Adult 3 credits
Application of computing and related technology to teaching and learning process. Some discussion will focus on telecommunications, image/sound processing, interactive media, artificial intelligence, and data acquisition.

EME 6408 Adv Tech Ap:Internet Res K-12 3 credits
An exploration of teaching resources located on the Internet.

EME 6413 Adv Tech Ap:Logo/Robotics K-12 3 credits
Child-ready programming language for understanding math, language arts, science, music concepts. Lego constructed robots programmed by Logo.

EME 6425 Technology for School Leaders 3 credits
Provides information and skills necessary for administrators and teachers to effectively use the computer and application software to manage information. Students use programs such as word processors, database managers, and spreadsheets to facilitate management tasks at the school and classroom level. In addition, general computer education topics are covered which provide for the computer literacy of school administrators.

EME 6930 Intro to Programming 3 credits
Development of concepts, strategies, and materials for using programming languages in educational settings. Separate sections will focus on different programming languages such as Logo, VisualBasic, Hyperscripting, Java, and Javascripting. (Computer literacy advised)

EME 6936 App. of Comp as Ed Tools 3 credits
Selected topics in the application of computing and related technology to the teaching and learning process. Separate sections will focus on topics such as telecommunications, image and sound processing, interactive media, artificial intelligence, data acquisition, and information systems. (Computer literacy advised)

EME 6938 Capstone Seminar: Ed Tech 1 to 3 credits
Candidates will design a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student’s concentration. Students may register for up to 2 additional hours in subsequent semesters. Permission of instructor required.

EMR 4941 Supvsd. Pract.: Mental Ret. 2 to 4 credits
Supervised field experiences in assessment, behavior management, and clinical teaching with children who have learning disabilities. Repeatable up to a total of five credit hours. First time taken for two credits, second time taken for three credits. (S/U only) A corequisite of EEX 4604 or 4846 is required based on level of practicum.
Prerequisites:

EMR 6052 AdvTheories&Prac-Mental Retard 3 credits
An in-depth study of the complex social and biological aspects of mental retardation with a particular theoretical emphasis on the education of individuals with mental retardation, as well as the philosophical and ethical underpinnings of the field of mental retardation.

EMR 6303 EducStrat-Stud w/Mental Retard 3 credits
In-depth study of the specific curriculum and methodological problems in teaching students with mental retardation.

EMR 6943 Superv. Practic-Mental Retard 1 to 12 credits
Supervised experiences with students who are Mentally Retardation disabilities. It provides opportunities for students to demonstrate their skills in applying concepts, theories, and research when working with students with special needs.

ENC 1101 Composition I 3 credits
Instruction and practice in the skills of writing and reading. At least 6,000 words of graded written work are required (Gordon Rule).

ENC 1102 Composition II 3 credits
Instruction and practice in the skills of writing and reading.
At least 6,000 words of graded written work are required. (Gordon Rule)

Prerequisites: ENC 1101 with a minimum grade of C

ENC 2160 Introduction to Nature Writing 3 credits
Analysis of the major techniques used in creative nonfiction, thematically based in nature. Students develop skills in reading, reviewing, and editing creative nonfiction prose that is steeped in an environmental awareness. At least 6,000 words of graded written work are required (Gordon Rule).

Prerequisites: ENC 1101 with a minimum grade of C

ENC 3250 Professional Writing 3 credits
Techniques and types of professional writing, including correspondence and reports most often found in business, technical, and scientific communities. At least 6,000 words of graded written work are required (Gordon Rule).

Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

ENC 3310 Expository Writing 3 credits
Techniques for writing effective prose, excluding fiction, in which student essays are extensively workshopped, edited, and discussed in the classroom and with the instructor. At least 6,000 words of graded written work are required (Gordon Rule).

Prerequisites: ENC 1101 with a minimum grade of C

ENC 4930 Selected Topics in Writing 3 credits
Selected Topics in writing with an emphasis on advanced writing skills in a variety of modes.

Prerequisites: ENC 1102 with a minimum grade of C

ENC 6317 Article and Essay Workshop 3 credits
Examination of the elements of effective expository writing, including critiquing, editing revising and preparing manuscripts for publication.

ENC 6745 Seminar in CompositionPedagogy 3 credits
Fundamentals of teaching composition. Covers topics such as teaching methods and culture, criticism, writing anxiety, textbook selection, gender and culture issues in the classroom, and appropriate performance expectations in the variety of writing tasks in the liberal arts and sciences.

ENC 6930 Special Topics in Exp. Writing 3 credits
Focused study of a specific type of expository writing. Course may be repeated once with a change in content.

ENG 3014 Intro to Lit & Cultural Stds 3 credits
Introduction to the English major, including learning goals and portfolio development. A review of the literary periods of English and United States literature, an introduction to literary terms and applied theory, and a review of research and writing in the field of English.

ENG 3240 Romantic Lit. & Culture 3 credits
Readings course on the literature of Great Britain as it reflected and influenced culture during the Romantic period. Readings include canonical as well as marginal and non-literary texts.

ENG 3251 Victorian Lit. & Culture 3 credits
Readings course on the literature of Great Britain as it reflected and influenced culture during the Victorian period. Readings include canonical as well as marginal and non-literary texts.

ENG 4060 History of English Language 3 credits
A study of the evolution of language from Anglo-Saxon through Middle English to Modern English, including the development of the English lexicon, the change in pronunciation, syntactic and semantic systems, and the forms which influenced them.

ENG 4906 Individual Research 1 to 4 credits
Directed study in special projects. Permission of the chair of the Division of Humanities and Arts is required.

ENG 4930 Senior Seminar 3 credits
Seminar focusing on the assessment of student learning in the English program.

Prerequisites: ENG 3014 with a minimum grade of C

ENG 6058 Lit., Language, and Society 3 credits
Examines the function of language in social groups with special focus on the relationships among the individual, social institutions, and literature. This is the introductory course for students enrolled in the M.A. program in English.

ENG 6966 Master’s Comprehensive Exam 0 credits
Written examination assessing students’ progress toward achieving the English Program Student Learning Outcomes. Approval of Coordinator of Graduate Studies required.

ENG 6971 Thesis 1 to 3 credits
Supervised writing of the master’s thesis.

ENL 2012 British Literature/Culture I 3 credits
Survey of the literature of Great Britain as it reflected and influenced culture from Medieval times through the late eighteenth century. Readings include both canonical and marginal texts.

Prerequisites: ENC 1101 with a minimum grade of C

ENL 2022 British Literature/Culture II 3 credits
Survey of the literature of Great Britain as it reflected and influenced culture from the early romantic period through the present day. Readings include both canonical marginal texts.

Prerequisites:

ENL 3210 Anglo Saxon & Medieval Lit 3 credits
Readings course on the literature of Great Britain as it reflected and influenced culture in medieval times. Readings include canonical as well as marginal and non-literary texts.

ENL 3220 Renaissance Lit/Culture 3 credits
An examination of the literature of Great Britain as it reflected and influenced culture during the Renaissance.

ENL 3230 Restoration & 18th Century Lit 3 credits
An examination of the literature of Great Britain as it reflected and influenced culture during the Restoration and eighteenth century.

ENL 3240 Romantic Lit & Culture 3 credits
Readings course on the literature of Great Britain as it reflected and influenced culture during the Romantic period. Readings include canonical as well as marginal and non-literary texts.

ENL 3251 Victorian Lit & Culture 3 credits
 Readings course on the literature of Great Britain as it reflected and influenced culture during the Victorian period. Readings include canonical as well as marginal and non-literary texts.

ENL 3270 20th Cent British Lit &Culture 3 credits
Readings course on the literature and culture of the 20th century in Great Britain. Intense study of authors/works and their
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENL 3323</td>
<td>Shakespeare Survey</td>
<td>3</td>
<td>Introduction to Shakespeare’s language, poetry, and plays within the context of Elizabethan culture. Intended for majors who have limited experience with Shakespeare.</td>
</tr>
<tr>
<td>ENL 4122</td>
<td>British Novels of 19th Cent</td>
<td>3</td>
<td>Seminar with in-depth study of the British novel from 1780 to 1900. The course focuses on the developing forms of the novel, the cultural forces at work within the novels, and the ways that the novels both reflected and influenced the culture at large.</td>
</tr>
<tr>
<td>ENL 4132</td>
<td>British Novels of 20th Cent</td>
<td>3</td>
<td>Seminar with in-depth study of the novel from 1900 to present. The course focuses on the developing forms of the novel, the cultural forces at work within the novels, and the ways that the novels both reflected and influenced the cultural at large.</td>
</tr>
<tr>
<td>ENL 4218</td>
<td>Medieval British Romance</td>
<td>3</td>
<td>Exploration of British romance from earliest times to the advent of the Renaissance, with an in-depth focus on the legends involving King Arthur and his knights of the Round Table and the complex British culture out in which these tales proliferated.</td>
</tr>
<tr>
<td>ENL 4295</td>
<td>Literature of the Plague</td>
<td>3</td>
<td>Exploration of some of the earliest and most powerful British literature written on epidemic disease, with an in-depth examination of bubonic plague in Britain as it traveled in two forms: as a literal disease and as a metaphor.</td>
</tr>
<tr>
<td>ENL 4303</td>
<td>Selected British Authors</td>
<td>3</td>
<td>Seminar with in-depth study of two or three selected authors in British literature and culture. This course may be repeated with a change of content for up to 6 hours.</td>
</tr>
<tr>
<td>ENL 4338</td>
<td>Shakespeare &amp; Eliz Culture</td>
<td>3</td>
<td>Seminar with in-depth study of Shakespeare’s plays within the context of Elizabethan history and culture. The course focuses on major themes and issues, on close critical reading of Shakespeare’s plays, and on related Elizabethan social, political, religious, and cultural contexts.</td>
</tr>
<tr>
<td>ENL 4930</td>
<td>Selected Topics/British Lit</td>
<td>3</td>
<td>Seminar with in-depth study of a particular topic or issue as it is dealt with in British literature and culture.</td>
</tr>
<tr>
<td>ENL 6305</td>
<td>Major British Authors</td>
<td>3</td>
<td>Examines the life and times of one or more British author. May be repeated once with a change in content.</td>
</tr>
<tr>
<td>ENL 6335</td>
<td>Studies in Shakespeare</td>
<td>3</td>
<td>Study of Shakespeare’s works within the context of Elizabethan society and culture.</td>
</tr>
<tr>
<td>ENL 6507</td>
<td>British Literature before 1900</td>
<td>3</td>
<td>Examines British literature and criticism within a cultural context prior to the beginning of the twentieth century.</td>
</tr>
<tr>
<td>ENL 6508</td>
<td>British Literature after 1900</td>
<td>3</td>
<td>Examines British literature and criticism within a cultural context since the beginning of the twentieth century.</td>
</tr>
<tr>
<td>ENL 6910</td>
<td>Directed Research</td>
<td>3</td>
<td>Supervised research in preparation for writing a thesis on a topic in British literature. Approval of the coordinator of graduate studies required.</td>
</tr>
<tr>
<td>ENS 3385</td>
<td>Tching &amp; Lrning in English</td>
<td>2</td>
<td>Intended for non-native English speakers with some prior instruction. The course will combine all aspects of communicating in English with special attention to practice of English and to using English in teaching and learning situations. Admission to Swiss Summer Institute or special permission required.</td>
</tr>
<tr>
<td>ENV 3006C</td>
<td>Fundamentals of Environ Engrg</td>
<td>3</td>
<td>Environmental engineering dimensions and units; material balances; reaction kinetics and reactors; energy and material flow in ecosystems. Water quality; water supply and treatment; wastewater treatment; solid and hazardous waste management; air quality control and noise pollution; laboratory safety. Prerequisites: CHM 1046C with a minimum grade of C and (CHM 1046 with a minimum grade of C or CHM 1046L with a minimum grade of C and PHY 2049C with a minimum grade of C) and (BSC 1010C with a minimum grade of C or BSC 1010L with a minimum grade of C) Fee Required</td>
</tr>
<tr>
<td>ENV 4101C</td>
<td>Atmospheric Pollution</td>
<td>3</td>
<td>Source, effects, and regulations of air pollutants. Meteorology and dispersion of air pollution. Sampling and analysis of gaseous and particulate air pollutants. Photochemical air pollution and mobile sources. Prerequisites: ENV 3006C with a minimum grade of C</td>
</tr>
<tr>
<td>ENV 4341C</td>
<td>Solid &amp; Hazardous Waste Mgmt</td>
<td>3</td>
<td>Generation of solid and hazardous wastes. Collection, methods, equipment, costs and disposal, Rules, regulations, and management systems for proper control of solid and hazardous wastes. Evaluation of engineering systems to minimize costs and regulatory problems. Prerequisites: ENV 3006C with a minimum grade of C</td>
</tr>
<tr>
<td>ENV 4417C</td>
<td>Water &amp; Wastewater Treatment</td>
<td>3</td>
<td>Synthesis of environmental engineering fundamentals into an integrated system design including quantities of water required and wastewater collected. Physical, chemical, and biological concepts and processes that are specific to public water supplies and municipal wastewater treatment. Design of physical, chemical, and biological unit processes used in water and wastewater treatment. Field trips to public water supply treatment plant and or to municipal wastewater treatment plant. Prerequisites: ENV 3006C with a minimum grade of C</td>
</tr>
<tr>
<td>ENV 4612C</td>
<td>Sustainability in Engineering</td>
<td>3</td>
<td>This course approaches engineering from a “green” engineering perspective where sustainability is the focus for strategic planning, project scoping, and management as well as throughout the engineering design process. The impact of policy on engineering is investigated, where one of the primary objectives is minimization of environmental impacts. Prerequisites: CCE 4031C with a minimum grade of C</td>
</tr>
<tr>
<td>EPI 0002</td>
<td>Inst. Strat. &amp; Prin. of Curric</td>
<td>0</td>
<td>Exploration of instructional strategies appropriate for the classroom setting. Various philosophies and approaches to instruction are considered, including Gardner’s multiple intelligences, Bloom’s taxonomy and other modern teaching trends. Investigation of sunshine state standards, differentiated instruction.</td>
</tr>
</tbody>
</table>
EPI 0003 Teaching and Technology 0 credits
Structured opportunities to employ technology as an integral part of teaching and learning. Instruction is provided in commonly used software, effective integration strategies, the use of internet resources in the classroom, and e-portfolio preparation.

EPI 0007 Assessing Teaching & Learning 0 credits
Principles of traditional and alternative assessment. Topics include integrating assessment and instruction to support learning, reporting assessment results and assessing student progress, content measured by state achievement tests, reading and interpreting data and using data to improve student achievement.

EPI 0020 Professional Foundations of Ed 0 credits
Examination of organization and administration of public schools, public school laws, social, economic, and historical foundations of schools. This course develops a professional perspective and creates a sense of grounding in the teaching profession.

EPI 0030 Diversity in Education 0 credits
Provides participants with a broad view of social aspects of diversity and the variety of backgrounds and cultures found in typical classrooms. Includes second language philosophy and ESOL methodology.

EPI 0950 Teaching Methods Practicum 0 credits
Methods of instruction integrating theoretical knowledge with classroom experience, demonstrating effective teaching practices, reflective decision making, and competency in Educator Accomplished Practices.

ESE 6215 School Curriculum: Secondary 3 credits
Examines the organization, curriculum, and instruction of the secondary school with special emphasis on the nature of the students served. Open to all education graduate students. Prerequisites:

ESE 6256 Prob in Curr&Instruc:Secondary 3 credits
For teachers, supervisors, and administrators. Curricular and instructional problems of the middle school. Common problems of special interest to the participants. Normally, for certified requirements only.

ESE 6342 Teaching & Learn in Sec School 3 credits
Curriculum and instruction principles as applied to content course in secondary settings. Admission to the MAT program or permission of instructor required.

ESE 6344 Classroom Mgt and Organization 2 credits
Development of instructional, organizational, and management knowledge and skills necessary to create a positive classroom learning environment. Admission to the MAT program or permission of instructor required.

ESE 6930 Profession Educator Symposium 1 credits
A team-taught forum that serves as the vehicle through which students link theory, research, and practice. Education faculty will introduce students to an array of topics, including the Educator Accomplished Practices, and outside speakers will familiarize participants with topics of special interest. The PES may be taken more than one time as each semester will focus on a different theme.

ESE 6947 Methods Practicum: 6-12 2 credits
Students spend on day per week in a ten-week supervised field experience to observe and develop effective teaching practices. Field work will be preceded by an orientation seminar and followed by a post-field assignment seminar. Corequisites:

EUH 1000 Western Tradition, Part I 3 credits
Survey of the development of Western Civilization from ancient times through the Greeks, Romans, Middle Ages and early Renaissance. Interdisciplinary approach will emphasize political, social, economic, religious, and cultural development and periods.

EUH 1001 Western Tradition, Part 2 3 credits
Survey of the development of Western Civilization from the late Renaissance through the Reformation, Age of Absolutism, Enlightenment, Age of Revolutions, and regional and world wars. Interdisciplinary approach will emphasize political, social, economic, religious and cultural development and periods.

EUH 2011 Ancient European History 3 credits
Survey of the ancient world from the rise of Near Eastern civilizations through the rise and fall of Greek and Hellenistic cultures. Strong emphasis is given to understanding the nature and contributions of Classical civilizations through the Hellenistic period.

EUH 2021 Medieval European History 3 credits
History of medieval Europe from c. 500-1400 A.D.

EUH 2031 Modern Euro History 3 credits
Thematic survey of Europe in the modern age from the French Revolution to the present.

EUH 3140 The Renaissance 3 credits
Examination of the multifaceted era of the Renaissance and how it resulted in one of the most brilliant and influential eras of history between the 14th and 17th centuries.

EUH 3142 Renaissance and Reformation 3 credits
Examination of European history from the Renaissance to the Thirty Years’ War (1400-1618), emphasizing the cultural, social, political, and economic character of these times.

EUH 3201 History of 17th & 18th Cent Eur 3 credits
Comparative survey of Europe in the modern age from the Thirty Years' War to the French Revolution. Includes political, intellectual, and economic movements, as well as discussions of the visual arts, literature, and music from the Baroque Era through the Enlightenment.

EUH 3206 History of 20th Century Europe 3 credits
Comparative examination of the social, cultural, intellectual, political, and economic currents in twentieth century Europe. Includes discussions on the significance of arts and letters in the shaping of modern Europe.

EUH 3241 The Holocaust 3 credits
Nazi Holocaust is placed in historical perspective, tracing the history of European anti-Semitism and analyzing the factors that let to Hitler’s victory and the “Final Solution.”

EUH 3462 German History 1870-Present 3 credits
Examination of the rise of the German Empire and the vagaries of nationalism, totalitarianism, war, and democracy that have resulted in the modern German state.

EUH 3502 Modern Britain 3 credits
Survey of the social, cultural, economic, and political history of modern Britain since 1750.

EUH 3572 Russian Hist 1865 to Present 3 credits
Examination of the nature and fall of late imperial society, the Russian Revolution, the roots of Marxist-Leninist society, and dissolution of the Soviet Empire. Attention will be given to the past and present role of Russia as an international power.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 6915</td>
<td>Research European History</td>
<td>3</td>
<td>Research in primary and secondary sources on aspects of important subjects in European history.</td>
</tr>
<tr>
<td>EUH 6939</td>
<td>Seminar in European History</td>
<td>3</td>
<td>Readings seminar in selected topics and problems in European history.</td>
</tr>
<tr>
<td>EVR 2264</td>
<td>Environmental Health</td>
<td>3</td>
<td>Provides a broad overview of environmental health within a human and ecological health context. Students become familiar with a broad range of environmental health issues.</td>
</tr>
<tr>
<td>EVR 3020</td>
<td>Environmental Philosophies</td>
<td>3</td>
<td>Examination of a number of different environmental philosophies as they have been presented through a variety of forms of human expression. Topic center on environmental thought in North American, but philosophies from other cultures, particularly indigenous peoples, will also be studied.</td>
</tr>
<tr>
<td>EVR 3021</td>
<td>Environmental Literature</td>
<td>3</td>
<td>Fictional and nonfiction written expression of the natural environment and its significance to different cultures and philosophies will be studied in relation to ecological concerns and cultural values by means of integrated lectures and class projects.</td>
</tr>
<tr>
<td>EVR 3025</td>
<td>Cultural Ecology</td>
<td>3</td>
<td>Relationships between human cultures and their environments with emphasis on the adaptive importance of culture and cultural development to the human species and the modification of environments by human cultures.</td>
</tr>
<tr>
<td>EVR 4028</td>
<td>Simulation and Modeling</td>
<td>3</td>
<td>Systems simulation and modeling techniques are used in this course to investigate environmental problems and issues and to develop practical solutions. Students will work in teams to develop models for selected issues. The use of models for predicting future impacts and developing policy will be discussed.</td>
</tr>
<tr>
<td>EVR 4035</td>
<td>Environmental Law</td>
<td>3</td>
<td>The evolution of environmental law at international, federal, state, and local levels will be studied in relation to the development of environmental issues, technologies, and attitudes. Florida-oriented issues will be emphasized in the course with integrated lectures and class projects.</td>
</tr>
<tr>
<td>EVR 4324</td>
<td>Integrated Ecosystems Mgmt I</td>
<td>3</td>
<td>Holistic approach to planning and management, incorporating ecological, social, and economic concepts into an examination of selected case studies.</td>
</tr>
<tr>
<td>EVR 4325</td>
<td>Integrated Ecosystems Mgmt II</td>
<td>3</td>
<td>Following on the examination of case studies in Integrated Ecosystems Management I, teams of students will work with organizations or agencies outside the university to develop, and where appropriate begin to implement, management plans for selected sites.</td>
</tr>
<tr>
<td>EVR 4326</td>
<td>Conservation Strategies Future</td>
<td>3</td>
<td>Conservation strategies enabling communities to build sustainable futures, including the maintenance of healthy and diverse natural environments, renewable natural resources, and sustainable economies. Case studies will be used to identify practical problem-solving approaches by means of integrated lectures and class projects. Prerequisites: Any introductory ecology, environmental biology, or environmental science course. Fee Required</td>
</tr>
<tr>
<td>EVR 4867</td>
<td>Risk Assessment</td>
<td>3</td>
<td>Techniques associated with risk assessment, including dose-response assessment, threshold responses, exposure assessment, risk characterization, and risk-benefit analysis. Case studies will be used to illustrate these techniques and students will work collaboratively to assess the risk associated with selected environmental hazards. The application of risk analysis to policy development will be discussed.</td>
</tr>
<tr>
<td>EVR 4872</td>
<td>Environmental Policy/Law</td>
<td>3</td>
<td>An introduction to environmental policy emphasizing climate change, biodiversity, and economic growth. Also includes discussion of regulatory policies, taxes, market solutions, and other policy solutions applied to energy policy, transportation policy, endangered species, and materials used.</td>
</tr>
<tr>
<td>EVR 4905</td>
<td>Ind. Study in Enviro. Studies</td>
<td>1 to 4</td>
<td>Individual study by students under the direction of a faculty member.</td>
</tr>
<tr>
<td>EVR 4910</td>
<td>Sr Proj Rsch Environ Studies</td>
<td>1 to 3</td>
<td>Research projects are developed by one or more students under the supervision of a faculty mentor. The research project is designed to hone skills in applying research principles, obtain practice in data collection and analysis, and to develop knowledge and skills in potential professional areas. Fee Required</td>
</tr>
<tr>
<td>EVR 4911</td>
<td>SrProj Pres in Environ Studies</td>
<td>1 to 3</td>
<td>A continuation of the senior project, students will be expected to prepare and present a summary of their research. The presentation may be oral, written, multimedia, or in another form but accompanied by a report. Work will be completed with a faculty mentor. Prerequisites: EVR 4910 with a minimum grade of C Fee Required</td>
</tr>
<tr>
<td>EVR 4920</td>
<td>Current Topics Environ Studies</td>
<td>1</td>
<td>Special sessions exploring the current issues in Environmental Studies. Topics may vary; they are selected on the basis of what is new or currently relevant in the field.</td>
</tr>
<tr>
<td>EVR 4924</td>
<td>Environmental Education</td>
<td>3</td>
<td>Survey of historical and current philosophies and their applications in practice. Explores interpretations of what the content and processes of environmental knowledge and understanding ought to be.</td>
</tr>
<tr>
<td>EVR 4930</td>
<td>Spec Topics in Environ Studies</td>
<td>1 to 4</td>
<td>Topics of current or special interest to students or faculty. Topics or focus vary depending on student/faculty interest.</td>
</tr>
<tr>
<td>EVR 4940</td>
<td>Internship in Environ Studies</td>
<td>1 to 3</td>
<td>An internship provides the student with an opportunity to work on a project in the field or laboratory setting, with an environmental agency or education program. This work is usually completed off-campus and the student will have a qualified supervisor at the site as well as a faculty mentor who will jointly evaluate the student’s progress.</td>
</tr>
</tbody>
</table>
| EVR 5145   | Ecotoxicology                                    | 3       | Studies of the principles of pharmacology and toxicology, toxicity testing, various types of toxicants (natural and anthropogenic), their transport and fate, risk assessment, and examination of case studies. Prerequisites: CHM 1084 or CHM 1084C or (CHM 1045C and CHM 1046C) or (CHM 1045 and CHM 1045L and CHM 1046 and CHM 1046L) and EVR 4605C Fee Required
EVR 5414 Interpreting the Environment 3 credits
An in-depth examination of the theory, methods, and contemporary practices in interpretation or the environment from literature review, field analysis and research investigations. Design and assessment of exhibits, trails, signage, creative drama, comprehensive programs and their staffing, management and funding. (Permission of instructor required)

EVR 5925 Environmental Education 3 credits
The history, content, strategies, methods, assessment, funding, in the context of environmental education, its evolution to education for a sustainable future will be examined in the framework of local to global programs and trends.

EVR 6022 Environmental Research Methodology 3 credits
An introduction to practice and principles of scientific methods. Includes basic observational, sampling and analytical techniques in environmental science. Topics include hypotheses testing, data collection, quality control/quality assurance, statistical analyses of data, and preparation of scientific reports.

EVR 6322 Con App Sustainability 3 credits
Concepts and applications of sustainability will be discussed in the context of conserving healthy and diverse natural ecosystems and renewable natural resources, and the design of sustainable economies on local, regional, national, and international levels.

EVR 6907 Independent Study Environ Scien 1 to 4 credits
Individual study by graduate students under direction of a faculty mentor. The topic will be determined between the student and faculty member. Instructor permission required.

EVR 6936 Special Topics in Environ Scien 1 to 4 credits
Courses will be developed based on topics of special interest to students or faculty. Topics or focus will vary.

EVS 4008 Environmental Technologies 3 credits
Appropriate technologies to address resource issues in human societies such as energy use, water use, waste water treatment, solid waste, land use, and food production on a sustainable basis will be studied in this course along with examples of inappropriate and unsustainable technologies in integrated lectures and field exercises.

Fee Required

EVS 4814 Environmental Toxicology 3 credits
Ecotoxicology, natural and anthropogenic contaminants, toxicological assessments, bio-indicators, biological effects of contaminants and mechanisms of response in organisms, properties, transport, fate and effects of various contaminant groups in terrestrial and aquatic environments, risk assessment and remediation efforts.

Prerequisites: CHM 1084C with a minimum grade of C or (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C

Fee Required

EVS 6920 Grad Seminar in Current Topics 1 credits
Current issues, concepts, research, and practices related to the areas of ecosystems conservation, green building/design, and sustainability will be investigated and discussed. Prerequisites: Graduate standing or permission of instructor

Fee Required

EVS 6937 Environmental Policy 3 credits
An overview of major environmental and natural resources issues, emphasizing the development of public policies to address them and current controversies. Particular attention will be given to identifying and evaluating the influence of diverse political and economic interests on environmental policy development.

EVS 6941 Environmental Practicum 3 to 6 credits
An internship in the workplace for the purpose of completing his/her study of environmental principles. The course provides the opportunity for students to apply learning derived from the topics covered throughout the master's curriculum within a practice setting. Students will be placed in various work site locations and will be assigned an ergonomic project within that site. To be included in the project are problem identification, hazard analysis, and problematic corrective actions. Each student practicum will be assigned a faculty advisor.

EVS 6970 Master's Thesis 1 to 9 credits
Original research in Environmental, biological, and Marine Sciences. Project to be chosen by the student in consultation with Thesis Major Advisor, advising committee and the Dean of the College of Arts & Sciences.

Prerequisites: EVR 6022

EXP 3202 Sensation & Perception 3 credits
Psychophysical and neurophysiological data and theory underlying sensory systems and perceptual processes.

Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

EXP 4404 Psychology of Learning 3 credits
Survey of methods, empirical findings and theoretical interpretations in respondent and instrumental conditioning.

Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

EXP 4604 Human Memory and Cognition 3 credits
Survey of methods, empirical findings and theoretical interpretations of human learning, attention, memory, verbal learning, judgment, and decision making.

Prerequisites: PSY 3044 with a minimum grade of C or PSY 3017 with a minimum grade of C

FIL 2000 Introduction to Film 3 credits
Introduction to the basic terminology, techniques, and contributions of film-making and critical analysis skills of film form and content.

FIL 3033 History of Film 3 credits
An overview of film as an art form, an industry, mass medium from its beginnings, the silent era, the sound development, the studios, the rise of the independents, and the current circumstances, including foreign films.

FIN 2100 Personal Finance 3 credits
Survey of the problems and techniques of personal financial planning. Includes consumer credit, insurance, home ownership and personal investing with attention to current economic and legal constraints. This class also covers personal tax considerations, budgeting, retirement, and estate planning. Note: This course is not applicable for credit towards a College of Business degree and may not be used for Finance elective requirements.

FIN 2104 Personal Finance 3 credits
Survey of the problems and techniques of personal financial planning. Includes consumer credit, insurance, home ownership and personal investing with attention to current economic and legal constraints. This class also covers personal tax considerations, budgeting, retirement, and estate planning. Note: This course is not applicable for credit towards a College of Business degree and may not be used for Finance elective requirements.
Planning. Includes consumer credit, insurance, home ownership, and personal investing with attention to current economic and legal constraints. This class also covers personal tax considerations, budgeting, retirement, and estate planning. Note: This course is not applicable for credit towards a College of Business degree, and may not be used for Finance elective requirements. – Course replaced with FIN 2100.

FIN 3144 Personal Finance for BusMajors 3 credits
An introductory course to help individuals achieve their personal financial goals. Topics include personal budgeting, taxes, credit management, major expenses, insurance, investments, and retirement planning.
Prerequisites: FIN 3403

FIN 3244 Money & Capital Markets 3 credits
An examination of money and capital markets with primary emphasis placed on the role of interest rates within these markets.
Prerequisites: FIN 3403

FIN 3324 Commercial Banking 3 credits
An examination of the administrative areas of commercial banking including operations, management of bank assets and liabilities, lending policies, trust and fiduciary activities, and the international and regulatory aspects of finance.
Prerequisites: FIN 3403

FIN 3403 Business Finance 3 credits
A study of financial decision making in the corporate form of enterprise. An analysis of the sources and uses of funds. Emphasis is placed on working capital management; capital budgeting techniques; short and long term financing; and capital structure and value of the firm.
Prerequisites: ACG 2021 with a minimum grade of C and ACG 2071 with a minimum grade of C and ECO 2013 with a minimum grade of C and MAC 2233 with a minimum grade of C and STA 2023 with a minimum grade of C.

FIN 3414 Financial Management 3 credits
An examination of the financial policies of corporations, with special reference to dividend policy, financial structure, capital expenditure, acquisitions, mergers, and reorganizations. No case study.
Prerequisites: FIN 3403 with a minimum grade of C and QMB 3200 with a minimum grade of C

FIN 3470 Financial Mgt for Entrepreneur 3 credits
Emphasizes how entrepreneurs can create value and obtain and manage financial resources. Topics may include alternative sources of capital, the impact that alternative forms of organization have on the availability of capital, the management and sources of short-term working capital, and the advantages and disadvantages of going public.
Prerequisites: FIN 3403 with a minimum grade of C

FIN 3504 Principles of Investments 3 credits
An introduction to investment/stock analysis. Includes an examination of investment instruments, the investment environment, the concepts of risk-return, and the interactive forces between the economy, industries, and individual firms.
Prerequisites: FIN 3403 with a minimum grade of C and QMB 3200 with a minimum grade of C

FIN 3604 Multinational Financial Mgt 3 credits
Introduction to the environment of international capital and foreign exchange markets with examination of the effects of the international business environment on risk, capital budgeting, working capital management, and capital structure decisions of the firm.
Prerequisites: FIN 3403 with a minimum grade of C

FIN 3930 Special Topics Seminar 1 to 4 credits
Study of contemporary topics in finance and other issues of special interest.
Prerequisites: FIN 3403 with a minimum grade of C

FIN 4424 Case Studies-Corporate Finance 3 credits
Applications-oriented course designed to confront students with the challenges of making complex financial decisions. A variety of corporate finance topics such as working capital management, capital structure decisions, capital budgeting decisions, and dividend policy will be discussed and analyzed.
Prerequisites: FIN 3414

FIN 4442 Financial Policy/Sr Seminar 3 credits
A capstone course for seniors majoring in finance. Involves quantitative and qualitative analysis of financial policies from an internal managerial policy-making perspective and integrates all areas of business. Coursework may be based on independent readings and empirical research. – Course replaced with FIN 4443.
Prerequisites: FIN 3414 with a minimum grade of C and FIN 3244 with a minimum grade of C and FIN 3504 with a minimum grade of C

FIN 4443 Financial Policy/Sr. Seminar 3 credits
A capstone course for seniors majoring in finance. Involves quantitative and qualitative analysis of financial policies from an internal managerial policy-making perspective and integrates all areas of business. Coursework may be based on independent readings and empirical research.
Prerequisites: FIN 3414 with a minimum grade of C and FIN 3244 with a minimum grade of C and FIN 3504 with a minimum grade of C

FIN 4514 Security Analysis 3 credits
An advanced and comprehensive coverage of investment topics including bond analysis, stock options, commodities, interest rate futures, options on futures contracts, portfolio analysis and management, and security market efficiency.
Prerequisites: FIN 3504

FIN 4533 Derivative Securities 3 credits
Introduction to the valuation of derivative securities and their use in risk management. Topics covered include options and futures pricing models, options and futures strategies, arbitrage, and portfolio issues.
Prerequisites: FIN 3414 and FIN 3504

FIN 4900 Independent Study in Finance 1 to 4 credits
Individual study by students under the direction of a faculty member. Topics vary and are usually selected on an individual basis. (Permission of the instructor and department required.)
Prerequisites: FIN 3403

FIN 4934 Student Managed InvestmentFund 3 credits
A seminar in security analysis and portfolio management. Students will experience the actual investment management process by analyzing and investing designated funds into a variety of securities. The primary purpose of the course is to give students practical experience in the selection and management of an actual securities portfolio. It is not to maximize gains within the current semester.
Prerequisites: FIN 3504
Corequisites: FIN 4514
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 4941</td>
<td>Internship in Finance</td>
<td>3</td>
<td>Experiential learning exercise that allows for practical application of knowledge acquired in the classroom. (Department approval required) (S/U only)</td>
<td></td>
</tr>
<tr>
<td>FIN 5405</td>
<td>Foundation of Business Finance</td>
<td>3</td>
<td>An introduction to the terminology, methodology, and basic decision models of business finance with emphasis on working capital management, capital budgeting, capital structure, and the dividend decision. Prerequisites: ACG 6025 and ECO 5005</td>
<td></td>
</tr>
<tr>
<td>FIN 6246</td>
<td>Money &amp; Capital Markets</td>
<td>3</td>
<td>A survey of financial markets structures, operations, and instruments with emphasis on flow of funds, interest rate determination, and allocation of resources. Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FIN 6326</td>
<td>Commercial Banking</td>
<td>3</td>
<td>An examination of theory, practices and policies of management of commercial banks with emphasis on strategic planning and decision-making in banking. Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FIN 6406</td>
<td>Financial Management</td>
<td>3</td>
<td>Explores the process of securing and allocating funds with the business organization with emphasis on relevant financial decision-making and policy aspects. Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FIN 6478</td>
<td>Financial Mgt for Entrepreneur</td>
<td>3</td>
<td>An advanced treatment of how entrepreneurs can create value and obtain and manage financial resources. Topics covered include alternative sources of capital, how alternative forms of organization impact availability of capital, and advantages and disadvantages of going public. Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FIN 6515</td>
<td>Analysis of Investments</td>
<td>3</td>
<td>Covers the investment of objectives, environment and institutions. It deals with the theory models, and tools of analysis required in the management of financial assets. Prerequisites: FIN 5405 FIN 6540</td>
<td></td>
</tr>
<tr>
<td>FIN 6525</td>
<td>Portfolio Management</td>
<td>3</td>
<td>An advanced and comprehensive coverage of investments topics including both valuation analysis and portfolio construction and management for debt and equity portfolios. Coverage will include individual portfolios and mutual fund analysis. Prerequisites: FIN 6406 and FIN 6515</td>
<td></td>
</tr>
<tr>
<td>FIN 6605</td>
<td>Multinational Financial Mgt</td>
<td>3</td>
<td>An exploration of the environment of international markets and institutions, with emphasis on implications of international business on capital budgeting, working capital management, capital procurement, and financial market theory. Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FIN 6900</td>
<td>Independent Study</td>
<td>1-3</td>
<td>Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required) Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FIN 6930</td>
<td>Special Topics Seminar</td>
<td>1-3</td>
<td>A comprehensive survey of selected contemporary issues and topics in finance at the graduate level. Individual investigation and reporting emphasized in seminar fashion. Prerequisites: FIN 5405</td>
<td></td>
</tr>
<tr>
<td>FRE 1100</td>
<td>Beginning French I</td>
<td>3</td>
<td>First course in the first-year French sequence and introduces students to the French language and culture. Includes grammar, syntax, vocabulary building, cultural readings. Not open to native or bilingual speakers of French. ~ This course replaced with FRE 1120 Corequisites: FRE 1100L</td>
<td></td>
</tr>
<tr>
<td>FRE 1100L</td>
<td>Beginning French I Lab</td>
<td>1</td>
<td>This is the lab that accompanies FRE 1100. ~ This course replaced with FRE 1120L Corequisites: FRE 1100</td>
<td></td>
</tr>
<tr>
<td>FRE 1120</td>
<td>Beginning French I</td>
<td>3</td>
<td>First course in the first-year French sequence and introduces students to the French language and culture. Includes grammar, syntax, vocabulary building, cultural readings. Not open to native or bilingual speakers of French. Corequisites: FRE 1120L</td>
<td></td>
</tr>
<tr>
<td>FRE 1120L</td>
<td>Beginning French I Lab</td>
<td>1</td>
<td>This is the lab that accompanies FRE 1120. Corequisites: FRE 1120</td>
<td></td>
</tr>
<tr>
<td>FRE 1121</td>
<td>Beginning French II</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRE 1121L</td>
<td>Beginning French II Lab</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEA 2000</td>
<td>Intro to Geography</td>
<td>3</td>
<td>Comparative analysis of representative regions of the world with emphasis on cultural, political, economic, environmental and physical diversity.</td>
<td></td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
<td>Introduction to the many facets of the private enterprise system and the business that operate within it. Exploration of the business arena and the professions and functions needed within any business enterprise.</td>
<td></td>
</tr>
<tr>
<td>GEB 3356</td>
<td>Foundations International Bus</td>
<td>3</td>
<td>An overview of the principle aspects of conducting international business. Domestic and international business characteristics are compared. International political and legal environments and their affect on international business are studied. Topics include international trade theory, foreign exchange, export and import strategies, negotiations and diplomacy and human resource management in the global marketplace. ~ Course replaced with GEB 3375 Prerequisites: MAN 3025</td>
<td></td>
</tr>
<tr>
<td>GEB 3375</td>
<td>Foundations International Bus</td>
<td>3</td>
<td>An overview of the principle aspects of conducting international business. Domestic and international business characteristics are compared. International political and legal environments and their affect on international business are studied. Topics include international trade theory, foreign exchange, export and import strategies, negotiations and diplomacy and human resource management in the global marketplace. Prerequisites: MAN 3025</td>
<td></td>
</tr>
<tr>
<td>FRE 3956</td>
<td>Study Abroad in Business</td>
<td>1-6</td>
<td>This course provides the opportunity to learn about business practices and cultural differences through the opportunity to visit and learn in a global location outside of the United States.</td>
<td></td>
</tr>
</tbody>
</table>
**Prerequisites:** MAN 3025

**GEB 4890 Business Strategy** 3 credits  
Senior level capstone experience requiring student teams to analyze and implement solutions to complex business problems and opportunities. Students are required to incorporate knowledge acquired in all areas of their College of Business course of study in actual business situations. (Senior standing and advisor permit required)  
Prerequisites: MAN 3025 with a minimum grade of C and MAR 3023 with a minimum grade of C and FIN 3403 with a minimum grade of C  
Fee Required

**GEB 6445 Business, Ethics, and Society** 3 credits  
This class delves into the issues surrounding business’ role within society as a whole. Students will use current ethical and societal issues to analyze, discuss, and make recommendations consistent with sound business concepts.

**GEB 6895 Business Strategy** 3 credits  
MBA capstone experience that requires student teams to analyze and implement solutions to complex organizational problems and opportunities. Students are required to incorporate knowledge acquired in all areas of the MBA program in actual business situations and present their findings in highly professional oral and written formats. Course taken student’s final semester.  
Prerequisites: ACG 6025 and ECO 5005 and FIN 5405 and MAN 6055 and MAR 6815

**GEB 6930 Intro to the Executive MBA** 3 credits  
Introduces the concepts of critical thinking as a tool for personal and organizational success, working within teams, interpersonal skills, and the utilization of computer applications software to support organizational problem-solving. (Executive MBAs only)

**GER 1100 Beginning German I** 3 credits  
This is the first half of a first-year introduction to the language skills in German, reading, writing, listening, comprehension, speaking, and the culture of modern Germany. ~ Course replaced with GER 1120  
Corequisites: GER 1100L

**GER 1100L Beginning German I Lab** 1 credits  
Lab that accompanies GER 1100. It elaborates on the topics discussed in the lecture part by stressing oral comprehension, listening, speaking, further reading, writing, and culture plus use of the Internet in German. ~ Course replaced with GER 1120L  
Corequisites: GER 1100

**GER 1120 Beginning German I** 3 credits  
This is the first half of a first-year introduction to the language skills in German, reading, writing, listening, comprehension, speaking, and the culture of modern Germany.  
Corequisites: GER 1120

**GER 1120L Beginning German I Lab** 1 credits  
Lab that accompanies GER 1120. It elaborates on the topics discussed in the lecture part by stressing oral comprehension, listening, speaking, further reading, writing, and culture plus use of the Internet in German.  
Corequisites: GER 1120

**GER 1121 Beginning German II** 3 credits  
This is the second half of a first year introduction to the language skills in German, reading, writing, listening, comprehension, speaking, and the culture of modern Germany.  
Prerequisites: GER 1120 and GER 1120L

**GER 1121L Beginning German II Lab** 1 credits  
This is the lab that accompanies GER 1121. It elaborates on the topics discussed in the lecture part by stressing oral comprehension, listening, speaking, further reading, writing, and culture plus use of the Internet in German.  
Prerequisites: GER 1120 and GER 1120L  
Corequisites: GER 1121

**GEY 3001 Introduction to Gerontology** 3 credits  
The study of aging from an interdisciplinary perspective useful to the beginning health and social service practitioner or individuals interested in learning more about gerontology.

**GEY 3002 Family Issues and Aging** 3 credits  
Interdisciplinary course focuses on issues affecting diverse older adults, families, and others who care for them. Topics include demographics, roles and responsibilities, family relationships, formal and informal caregiving, housing, financial, legal and other sociological concerns.  
Prerequisites: GEY 3001

**GEY 3045 Nutrition for Older Adults** 3 credits  
Nutritional requirements and physiological changes associated with aging. Social, cultural and psychological factors which affect nutritional status of the older adult and strategies for health promotion and disease prevention will be addressed.

**GEY 3302 CommunicatingWith Older Adults** 3 credits  
Interdisciplinary course focusing on compassionate communication with diverse older adults, including those with disabilities. Addresses principles, concepts, processes and practice of communication skills critical to interacting with older adults in various health and cultural settings.  
Prerequisites: GEY 3001

**GEY 3320 Programs for Older Adults** 3 credits  
Examination of federal, state and local programs and services for frail and well older adults; and an understanding of the major issues and trends involved in existing and proposed services in the field of aging.  
Prerequisites: GEY 3001

**GEY 3601 Aging and Human Performance** 3 credits  
Information on the physical, sensory, and cognitive changes in aging; effects of stress, medication, and nutrition on older adults; and improving the health and independence of older adults through exercise and an active lifestyle.  
Prerequisites: GEY 3001

**GEY 4643 Later Life Transitions** 3 credits  
Interdisciplinary course explores contemporary matters affecting diverse older adults through aging to the end of life. Issues regarding quality of life, elderly rights, loss, grief, dying, death, finances, legal, ethical, and social concerns will be addressed.  
Prerequisites: GEY 3001

**GEY 4644 Psychosocial Aspects of Aging** 3 credits  
A detailed overview of psychological and social factors for professionals working with the elderly in a variety of settings.  
Prerequisites: GEY 3001

**GEY 4903 Directed Study in Gerontology** 1 to 6 credits  
Supervised study of gerontology topic. Content is selected by students in conjunction with their course director. The course broadens knowledge and may include a practice ex-
GEY 4930 Topics in Gerontology 1 to 6 credits
Current concept, selected problem, or issue in gerontology is examined. The topic covered varies according to recent developments in gerontology. The course may be repeated for different topic areas.

GEY 4941 Practicum in Gerontology 3 credits
Under the supervision of a community gerontology preceptor the student gains practical experience and applies knowledge gained in the gerontology core.
Prerequisites: GEY 3601 and GEY 3320 and GEY 4644

GEY 4943 Intergenerational Interaction 3 credits
Focuses on skill development in the promotion of health, safety, and psychosocial needs of older adults. Activities promote intergenerational interactions and strategies that meet care and service needs through education, ethics and practice. (20 hours service learning)
Prerequisites: GEY 3001 or GEY 3302

GEY 5005 Orientation to Gerontology 3 credits
Introduces the study of aging from an interdisciplinary perspective. Emphasis is placed on the field of gerontology, the biological, physiological, psychological, social and societal contexts of aging.

GEY 5038 Advancing Prac in Elder Care 3 credits
Use of tools for self-directed learning, and application of evidence-based and occupation-centered practice with elders. Students will identify specific goals for learning and apply new knowledge to work in their current practice settings.

GEY 5255 Aging and Adaptation 3 credits
The societal, environmental and physical barriers that isolate and segregate older adults are examined. Work, education, formal and informal volunteering are analyzed from a productive aging perspective. Adaptive techniques and technology that promote successful aging are examined.
Prerequisites:

GEY 5325 Programs & Svcs Older Adults 3 credits
Examines federal, state and local programs and services for frail and well older adults. The course provides the necessary content and experiences for Delta Society Pet Partners certification. In addition, this course includes the systematic study of assessment, program design and evaluation techniques for animal assisted therapy with older adults.

GEY 5619 AAT and the Older Adult 3 credits
This course provides the necessary content and experiences for Delta Society Pet Partners certification. In addition, this course includes the systematic study of assessment, program design and evaluation techniques for animal assisted therapy with older adults.

GEY 5630 Economics of Aging 3 credits
Examines the basic economic systems, and their impact on the older adult. Emphasis is placed on the applied aspects of economic planning such as work, pensions, insurance, social security and other support systems that are relevant to gerontology.
Prerequisites:

GEY 5934 Topics in Gerontology 1 to 6 credits
A current concept, selected problem or issue pertaining to gerontology is examined. The topic varies according to recent developments in gerontology. This course may be repeated for different topic areas.
Prerequisites:
formation, surface processes and landform evolution, and geological hazards.
Fee Required

GLY 3603C Geobiology 3 credits
Reviews the basic principles of paleontology and its application to problems in the geological, biological & environmental sciences.
Prerequisites: GLY 1010C with a minimum grade of C or GLY 1000C with a minimum grade of C
Fee Required

GLY 4074C Meterology & Climatology 3 credits
Atmospheric processes of weather and climate and their effects upon marine and terrestrial systems are explored. Historical records of climate and the methods employed in their study are introduced and used to understand modeling of future climate change.
Prerequisites: Fee Required

GLY 4244C Biogeochemistry 3 credits
The importance of chemical cycling of life's most critical elements (e.g. carbon, oxygen, nitrogen, phosphorus, & sulfur) among the earth's spheres is considered in this upper division, INS course.
Prerequisites: CHM 1084C and CHM 1045C or (CHM 1045 and CHM 1045L) and GLY 1000C
Fee Required

GLY 4574C Sediment Dynamics 3 credits
Covers fundamental sedimentary processes (erosion, transport and deposition) of coastal and estuarine environments and their effects on the coastal geomorphologic features. reviewed.
Prerequisites: GLY 4702C with a minimum grade of C or GLY 4700C with a minimum grade of C

GLY 4700C Coastal & Watershed Geology 3 credits
Considers those geological and hydrological processes that occur at the Earth's surface. Topics include: physical and chemical weathering, soil formation, sedimentology and stratigraphy, geomorphology and physiography, surface and groundwater hydrology, and human-induced effects and environmental problems.
Prerequisites: GLY 1010C with a minimum grade of C or GLY 1000C with a minimum grade of C
Fee Required

HFT 1000 Intro to Hospitality/Tourism 3 credits
The many different segments of the hospitality and tourism industry are discussed. Scope, size and industry trends are examined. Theories, examples and industry case studies are used to provide students with examples of problem solving techniques. Students will produce a body of related work as preparation for a professional-level review.
Prerequisites: GRA 3193 with a minimum grade of C

HFT 1382 Intro to Golf Management 3 credits
Basic introduction to Golf business. Overview, People, Business, Game components of PGA courses, teaching golf, History of golf, club repair and fittings, golf club operations, model golf shop principles, career path overview, preliminary skills assessment, day in the life profiles.

HFT 1930 Intro to Hospitality/Tourism 3 credits
The many different segments of hospitality and tourism are discussed. Scope, size and industry trends are examined. Theories, examples and industry case studies are used to provide students with examples of problem solving tools of management. Basic industry terminology and management concepts are studied. The important role of service is stressed.

HFT 2350 Golf for Business and Life 3 credits
The Golf for Business and Life course allows a non-PGM concentration student to develop an appreciation and knowledge of the skills and abilities required to play the game of golf, and to learn the value of golf to networking in the business climate. Available to all majors except the PGM concentration.

HFT 2352 Player Development 1 credits
PGA required course on the theoretical principles associated with proper golf swing technique. Analysis of the individual student's golf game in relation to these principles, development of practice plan to overcome swing flaws, and student preparation for passing the PGA required "Playing Ability Test."

HFT 3003 Intro Resort, Hosp &Tourism Mgt 3 credits
Psychographics survey of Resort, Hospitality and Tourism Industries with focus on history, terminology, demographics,
HFT 3005 Intro Resort, Hosp & Tour Mgmt. 3 credits
Psycho-graphics survey of Resort, Hospitality and Tourism Industries with focus on history, terminology, demographics, psychographics, financial significance, destination. Planning and development, trends and social impacts. Companies, operations and career opportunities are examined. ~ Course replaced with HFT 3003

HFT 3006 Mgmt Resort Hosp Human Resourc 3 credits

HFT 3203 Spa Services and Treatments 3 credits
The evolution of the spa industry from ancient civilization to now is explored, tracing the influences of spa traditions from ancient civilizations. Through description, demonstration, and experience, students will understand and evaluate the wide array of spa products, treatments, and services. Fee Required

HFT 3204 Spa Operations & Management 3 credits
Understanding operations, staffing, and administrative procedures unique to the spa industry. Topics will include legal aspects, safety and sanitation, client file management, retail operations, employment selection, contracts, licensure, and financial management.

HFT 3221 Mgmt Resort Hosp Human Resourc 3 credits
Role of Human Resource Management in Resort/Hospitality spectrum. Tight labor management demands dictate the need to attract and retain productive employees. Schedules, tracking, job satisfaction, labor relations and union issues are examined.

HFT 3270 Intro to Club & Spa Mgt. 3 credits
Development, operation and marketing of private clubs: country, yacht, military, city, professional and athletic. Clubs and Resort Spas, Amenities Spas, Destination Spas. Types of Spa treatments and the equipment needs are introduced. Revenue generation, technology, client preferences and marketing of Clubs and Spas. ~ Course replaced with HFT 3271

HFT 3271 Intro to Club & Spa Management 3 credits
Development, operation and marketing of private clubs: country, yacht, military, city, professional and athletic. Clubs and Resort Spas, Amenities Spas, Destination Spas. Types of Spa treatments and the equipment needs are introduced. Revenue generation, technology, client preferences and marketing of Clubs and Spas.

HFT 3353 Golf Facility Oper. 2 credits
Advanced study of operating a comprehensive golf facility. Non-traditional approach to training personnel in a golf operation and the marketing of a golf course. Principles of developing organizational policies and procedures as applicable to a golf course. Practical application of golf principles in the development of a “model golf shop” (best practices in golf operations) and development of analytical tools necessary in multiphase golf facility management.

HFT 3383 Adv. Golf Merchandising Oper. 2 credits
Advanced study of retail operations specifically focusing on retail golf merchandising business operation. Students apply management principles to golf retail operation including preparing “Open-to-buy” budget forecasts and “merchandise assortment plans”.

Prerequisites:

HFT 3407 Resort & Hosp Mgmt Accounting 3 credits
Resort & Hospitality accounting combines financial and managerial accounting for the industry. The focus is on how resort managers use the accounting information that is available to them to guide actions in planning, developing, and controlling their organization.

HFT 3443 Hospitality Info Technology 3 credits

HFT 3471 Event Operations/Financial Mgt 3 credits
Focus on operations and financial knowledge required to manage all elements of events including infrastructure, site, human resources, leadership, communications and technology. Financial management will include budgeting, cost control, pricing and cash flow as well as return on investment in both profit and not-for-profit sectors.

HFT 3543 Spa Customer Service 3 credits
Students will gain an understanding of the spa client base and learn marketing practices to attract and retain customers. Provides a comprehensive review of integrative healthcare approaches for nourishing the mind, body, and spirit.

HFT 3572 RHM Sales,ADV&PUBLIC RELATIONS 3 credits
Introduction to Resort and Hospitality sales, marketing and public relations.

HFT 3573 R&H Marketing 3 credits
An analysis of marketing process as it relates to resort, club, spa, recreation and hospitality services. Explanations of target and service marketing, customer relationships, experience marketing; hospitality supply and demand, the internet’s impact; marketing research and current issues of future trends in resorts, club, spas, and tourism.

HFT 3670 R&H Law,LEGAL ISSUES& RISK MGMT 3 credits
Legal considerations and Risk Management in Resort & Hospitality businesses and organizations, contracts, safety, loss and government regulations are studied.

HFT 3757 Principles of Event Management 3 credits
Overview of the event industry including conventions, expos, and major national and international events and their operational requirements. Fee Required

HFT 3802 Catering & Special Events 3 credits
Study of special events & catering operations, menu planning and pricing, food procurement, safety and sanitation, human resource management, sales and relationships with other departments, and outside vendors. Emphasis on logistical operations and different market segments. Fee Required

HFT 3806 Mgt Food & Beverage Operations3 credits

HFT 3854 Wellness & Healthy Cuisines 3 credits
Education and wellness knowledge necessary to develop a
personalized spa and fitness plan. Students will learn basic nutrition and be able to identify and create menus of healthy cuisine for the array of customers in the spa and hospitality industry.

Fee Required

HFT 3930 Spec Top: Resort & Hospitality 3 credits In depth exploration, analysis, and assessment of topics of special concern to the Resort and Hospitality Management Program.

HFT 4010 R & H Mgmt. Strateg. Issues 3 credits Current Resort & Hospitality Management concerns and issues are examined. Problem identifications and solutions explored.

HFT 4253 RHM Lodging Operations Man 3 credits Course prepares students with a basic understanding of the detailed workings and theory of Resort and hotel lodging operations and management.

HFT 4273 Resort Timeshare Condo Vac Int 3 credits

HFT 4275 Resort Development & Mgt. 3 credits Analysis of Management systems and methods for development of full service resorts. Considers management responsibilities for project development, construction, supervision, pre-opening, requirements and operations. Industry tested techniques for attracting travelers and meetings the expectations of resort guests.

HFT 4286 RHM Prof. Communications&Pres. 3 credits Practical understanding of communication practices affecting Resort/Hospitality work places. Emphasis on managing work relationships, listening, organizational interviews, professional presentations, communications technologies and multi-cultural diversity. Emphasis on using technology to create written and oral presentations and reports with impact.

HFT 4295 R & HM Senior Seminar 3 credits Integrative experiences through which students analyze and assess theories, policies and practices in the resort & hospitality industry. Leadership, productivity, ethics, and problem solving are explored.

HFT 4342 Resort & Rec. Plan, Prog & Des 3 credits Examination of the fundamental concepts, specific principles and process of planning and designing resorts and resort recreation facilities, that fulfill visitor/guest recreation and facility expectations, and function efficiently to release profit. Methods & techniques of recreation and leisure activities programming, organization, implementation and evaluation related to resort and club operations are studied.

HFT 4380 Golf Course Ownership 3 credits Business principles and business enterprise theory associated with golf course acquisitions, business planning for golf course investors, bank financing for golf course investors, and theories of appropriate business legal status for golf course ownership. Tax and liability issues in the golf sector, ownership vs. leasing a golf course, golf demographic research and assessing the competition in the golf course industry. Prerequisites:

HFT 4381 Golf Exec. Mgmt 3 credits Theory and principles behind golf association management and PGA of America section management. Project management theory in a golf operation, variance analysis systems as it relates to golf course operations, theories of "yield management," principles of building an employment team, and analysis of golf-specific financial statements and business documents, time management strategies, strategic planning, and long-term planning. Prerequisites: PEL 3128

HFT 4408 RHM Budgeting & Finance 3 credits Course prepares students with a basic understanding of finances that is increasingly demanded of all manager's in the Resort/Hospitality industry. Students sharpen their skills of budgeting and finances. Prerequisites: HFT 3407

HFT 4791 Event Mgt Senior Project 3 credits Students choose between participation in the planning, marketing and implementation of an actual event for a profit or not-for-profit organization within the university or greater community or a research project and paper. (Event Management Concentration)

Fee Required

HFT 4912 Resort & Hosp. Direct Study 3 credits Resort & Hospitality Direct Individual Study by students under the direction of a faculty mentor. The topic will be selected based on mutual consensus between the student and the faculty mentor. Permission of instructor required.

HFT 4934 PGM Senior Seminar 3 credits Senior seminar requiring the student to research a challenging golf industry issue and provide a solution paper and presentation on this topic. Prerequisites: Corequisites: PEL 4129

HFT 4944 RHM Field Experience 3 credits Field Experience - Students gain work experience in industry. A minimum of 500 hours is required.

HFT 4945 R & H Internship 1 to 9 credits Students have the opportunity to relate theory to practice through observation and work experience at approved/ designated industry organization. Students work for a minimum 500 hours to 1500 hours for the agency, and may elect to diversify their internship experiences with more than one organization. Students will be graded by the faculty taking into account the grade the agency representative assigns the student for the internship effort and internship paper requirements.

HFT 4955 Resort & Hosp Mgmt Study Abroad 3 credits Intensive study tour, including preparatory work, research, focusing on resort/hospitality management operations in the global market. Differences and similarities between U.S. resort/hospitality industry and foreign markets. Students will tour, meet, and shadow resort management during their study abroad.

HIS 2930 Special Topics 3 credits Emphasizes selected historical issues or problems. Topics vary and will incorporate interdisciplinary approaches.

HIS 3064 Intro to Historical Studies 3 credits Introduces students to the skills, approaches, and theories used by historians; includes both discussion and practice of the craft of the historian.

HIS 3065 Introduction to Public History 3 credits The course explores the intellectual and career challenges of practicing applied history in the public sector. It emphasizes the various roles played by public historians, for example, writers, administrators, managers, researchers, site evaluat-
tors, and policy analysts. Students will learn that public history draws on a wide range of skills and knowledge of other disciplines. Students will be expected to complete at least one influential and stimulating project in the field of public history using local resources and institutions.

HIS 3470 History of Science & Technology 3 credits
Examines the development of scientific thought and demonstrable technology and their impacts on societies, cultures, and economies. Incorporates material from numerous disciplines, including mathematics.

HIS 3930 Special Topics in History 3 credits
Emphasizes selected historical issues or problems of particular interest to students. Topics vary and will incorporate interdisciplinary approaches.

HIS 3938 Issues Interdisciplinary Hist 3 credits
Interdisciplinary examination of specific historical issues and their relation to at least one of the following perspectives: aesthetic sensibility, cultural diversity, ecology, ethical responsibility, and community awareness. This is a service learning course.

HIS 3955 Study Abroad 1 to 6 credits
An intensive study-travel program.

HIS 4104 Philosophy of History 3 credits
Analysis of historical schools of thought and methodologies from ancient times through the present. Prerequisites: HIS 3064 with a minimum grade of C

HIS 4900 Directed Readings 1 to 4 credits
Intensive readings in selected historical topics. Students should be prepared to read literature across disciplines and to synthesize that material into meaningful intellectual discourse for mid-term and final course examinations or exercises. Approval from the instructor is required prior to registration for this course.

HIS 4920 Colloquium in History 3 credits
In-depth examinations of selected historical problems or issues.

HIS 4936 Pro-Seminar in History 3 credits
Emphasis on the techniques of conducting quality research and on completing a major research paper. Topics will vary. May be repeated one time.

HIS 4940 Internship in History 1 to 6 credits
Provides a supervised work experience in an area of historical or cultural organization. Junior standing required.

HIS 5830 Special Topics 1 to 4 credits
An examination of specific themes or topics in history. The theme will vary from semester to semester, and with a change of content, the course may be repeated.

HIS 6067 Public History 3 credits
The theory, methods and practice of history in non-academic settings including museums, national parks, governmental agencies, corporations and community organizations.

HIS 6159 Historiography 3 credits
Development of schools, theories, and philosophies of history since the Enlightenment.

HIS 6445 Postcolonial Theories 3 credits
Readings in the history and theory of aftermaths of European imperialism, with emphasis on passage from colonial to post-colonial regimes and on critiques of colonialism and nationalist decolonization in the nineteenth and twentieth centuries.

HIS 6905 Directed Readings 1 to 3 credits
Independent study under the supervision of a faculty mentor.

HIS 6915 Research Public History 3 credits
Research in primary and secondary sources on aspects of important subjects in public history.

HIS 6939 Seminar in Public History 3 credits
Readings seminar in selected topics and problems in Public history.

HIS 6971 Master’s Thesis 1 to 3 credits
Work towards completion of a Master’s Thesis.

HLP 4722 Health & PE for the Child 3 credits
Methods and materials of health and physical education in the elementary classroom.

HSA 3110 Prins of Health Services Admin 3 credits
Introduction to the underlying principles of health services administration. Emphasis on healthy policy, health planning, marketing health care services, current health problems, personal health care services, bioethical decisions, and health personnel.

HSA 3111 US Health Care Systems 3 credits
An overview of health care delivery in the US including hospitals, ambulatory care, medical education and workforce, financing health care, managed care, long-term care, mental health services, the role of government, and technology.

HSA 3124 Comparative Hlth Srv Del Sys 3 credits
Overview of the major models for provision and financing of health care used around the world. Prerequisites:

HSA 3150 Health Care Policy in US 3 credits
Overview of health care policy and policymaking in the US, including the historical perspectives, the policy formulation process, role of government, Medicaid, Medicare, policy reform, politics and consumer protection.

HSA 3184 Leadership & Super in Hlt Svcs 3 credits
Leadership theories, philosophies, concepts, and applications to roles of supervisors and managers in health services organizations. Emphasis on organizational theory and the economic and financial aspects of the health care delivery systems. Prerequisites: HSA 3117

HSA 3412 Transcultural Health Care 3 credits
Explore the culture, values and belief systems of health care clients who speak different languages and come from distinct cultural backgrounds.

HSA 4109 Principles of Managed Care 3 credits
An overview of the evolution of managed care, including its structure and function, payment incentives, relation to the market, physicians, public programs, public policy, and ethical issues.

HSA 4140 Program Planning & Evaluation 3 credits
Basic concepts of planning and evaluation as the fundamental tools of program design and development in health services organizations. Prerequisites: IHS 4504

HSA 4170 Financial Mgt in Health Care 3 credits
Models and principles of health care financial management and their implications for decision-making. Focus on health
care reimbursement policies and related accounting principles, financial principles, and tools employed to manage finance in a health service organization.

Prerequisites:

HSA 4191 Health Care Info Systems 3 credits Introduction to health care information systems. Emphasis on advances in information technology, the general applications and management of information, databases and database management systems, microcomputer, internet, and medical informatics concepts and applications.

HSA 4222 Long Term Care Administration 3 credits Overview of the administrative structure, services and regulatory requirements of long term care facilities. Focus on licensing, structural requirements, roles and duties of administrators, staffing patterns, services, resident care issues, and reimbursement. Special emphasis on organizational management and operations control, federal and state regulations, codes and statutes related to long term care in the United States, and particularly in Florida.

Prerequisites: HSA 4221

HSA 4223 Advanced Long Term Care Admin 3 credits Application of management principles and practices in long term care administrations.

Prerequisites: HSA 4222

HSA 4251 Food Service Management 3 credits Basic principles of food service management in both commercial and non commercial sectors of the food service industry. Areas of focus include general principles of food service, food production, purchasing and storage, menu planning, nutrition, and dining services.

HSA 4340 HR Mgmt in Health Servcs Orgs. 3 credits Theories, principles and concepts related to human resources management in health services organizations. Focus on the human resource policies, procedures, functions, and outcomes that influence the effectiveness of an organization’s employees.

HSA 4502 Risk Mgmt in Health Services 3 credits Introduction to principles of risk management in health services organizations. Focus on activities of health care practitioners to reduce losses associated with clients, employees, property, or potential organizational liability. Special emphasis on federal and state laws and regulatory agencies.

Prerequisites:

HSA 4811 Practicum I in LTC Admin 3 credits This course is a 250 hour internship at a long term care facility under the supervision of a qualified Administrator-in-Training preceptor. This is the first half of the 500 hour internship. (Advisor approval needed.)

Prerequisites: HSA 4223

HSA 4812 Practicum II in LTC Admin 3 credits This course is a 250 hour internship at a long term care facility under the supervision of a qualified Administrator-in-Training preceptor. This is the second half of the 500 hour internship. (Faculty/advisor approval needed.)

Prerequisites: HSA 4811

HSA 4817 Practicum in Health Serv Admin 3 credits Under the supervision of a community health services administrator, the student gains practical experience and applies knowledge gained in health services administration. Special Conditions: Admission to the B.S. program in Health Science and completion of all prerequisite courses or consent of the Department Chair.

Prerequisites:

HSA 4901 Dir Study in Hlth Serv Admin 1 to 6 credits Supervised study of a health services administration topic. Content is selected by students in conjunction with their course director. The course broadens knowledge and may include a practice experience. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.

HSA 4931 Topics in Health Services Admin 1 to 6 credits Current concept, selected problem, or issue in health services administration. Topics vary according to recent developments in health services administration. May be repeated for different topic areas. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.

HSA 5103 US Models-Health Care Practice 3 credits This course examines various models of health care practice in the United States, including services in home health care, acute care, hospice, private and non-traditional holistic health care practices. Issues related to scope and method of practice in a dynamic health care environment are addressed. Special Conditions: Admission to the College of Health Professions MS in Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

Prerequisites: IHS 5117

HSA 5112 Comp. Hlth Svcs. Delivery Syst 3 credits Introduces and contrasts the organization and structure of health care delivery in the United States and other countries. Special emphasis is placed on the different models of health care systems from selected countries, representing various social, national, and fee-based health care systems. The conceptual framework of the systems are analyzed and issues such as access, quality, reasonable cost, and rationing are discussed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

Prerequisites:

HSA 5115 Health Svcs Mgmt & Operations 3 credits Introduces the student to the study of management and leadership, and the concepts, models, and research findings associated with organizational theory and its applicability to the health service organization. The course focuses on the skills and techniques the health care leader will use to strategically plan and organize the health care organization. The course provides an approach for assessing, mobilizing, and motivating a health care organization’s work force. The content includes management styles, leadership issues, organizational behavior, motivation, communications, public speaking, planning, decision-making, team building, and inter- and intra-organizational relationships. The course focuses on ethical considerations, quality control, risk management, labor relations, and organizational change on health service management and operations. Special conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the department chair.

Prerequisites:

HSA 5126 Concepts/Princ of Managed Care 3 credits Introduces the student to the principles, structure and operations of managed care. The aspects of managed care contracting and the organization and delivery of health care ser-
vices under this type of system are organized and delivered. Students gain skills necessary to interpret and negotiate a managed care contract and its complex provisions. Issues concerning consumer behavior, rationing, access, cost containment, regulation, competition, ethics regarding managed care and the implications of government sponsored programs including Medicare and Medicaid are also addressed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair. Prerequisites:

HSA 5225 Long Term Care Administration 3 credits Presents an overview and examination of the administrative structure, services, and regulatory requirements of long term care facilities. Licensing, structural requirements, roles and duties of administrators, staffing patterns, services, resident care issues, and reimbursement are the focus. Special emphasis is placed on organizational management and operations. Placement is on control, federal and state regulations, codes and statutes. Residents are related to long term care in the United States, and particularly in Florida. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses or consent of Department Chair. Prerequisites: HSA 5115

HSA 5425 Reg. of Medical Industry 3 credits Acquaints students with laws regulating the healthcare marketplace. Explores federal and state regulations bearing upon healthcare transactions and practices as well as risk identification requiring analysis and corrective actions. Fee Required

HSA 6149 Planning/Marketing Health Serv 3 credits Focuses on the analysis of strategic planning and marketing processes used by health care managers. The student develops and applies strategies for management and marketing of health care services. Course topics include fundamentals of marketing strategies including pricing, promotion, distribution, and product/service mix. Organizational planning, creation of business plans, feasibility analysis, and strategic planning in health care organizations. Special emphasis is placed on incorporating the concepts of strategic planning models and marketing methodologies as they apply to patients, physicians, and managed care buyers. Special conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of Department Chair. Prerequisites: HSA 5115

HSA 6155 HealthPol & Econ Issues in HSO 3 credits Focuses on the principles of health economics essential to understanding current trends in the health care field and the development and implementation of health policy. Principles of microeconomic theory, including supply and demand for health care and how it applies to health service delivery are addressed. The relationship between economics and health policy: formulation, implementation, and modification and its relationship to payment plans including health insurance are explored. Emphasis throughout the course is on applying economics to understand the current health care system and the development and impact of health policy in the United States. Case studies and group projects integrated to reinforce the concepts and theories presented. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of Department Chair. Prerequisites:

HSA 6179 Models of Fin Mgmt-Health Svcs 3 credits Introduces the student to the fundamentals of financial management and managerial accounting necessary for successful management decision making in health care institutions. Financial management models including managed care, health maintenance organizations, individual choice payment plans including fee for service, Medicare and Medicaid are examined. The principles and application of billing, including use of diagnostic codes is also emphasized. Additional topics include financial accounting and reporting, program auditing, budgeting, analyzing financial statements, utilization review, cost measurement analysis, pricing of health services, and capital investments as related to models of financial management. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair. Prerequisites:

HSA 6198 Inform & Hth Mgmt Info System 3 credits The course integrates the study of information systems science and technology and applies it to the health services administrator. Emphasis is placed on the management of information systems and the application of information technology in health service administration, databases, database management systems, computerized models for clinical and administrative decision-making, and operations in health service organizations. Special Conditions: Admission into the College of Health Professions MS in Health Sciences program and completion of prerequisite courses; or consent of the Department Chair. Prerequisites: HSA 5115

HSA 6342 Human Res Mgmt for HC Mgrs 3 credits Principles and concepts related to human resource management in health services organizations, with an emphasis on application of knowledge and skills for health care managers.

HSA 6385 Planning, Eval & Quality Mgmt 3 credits An overview of the tools and techniques of planning, evaluation and quality management in health services organizations with a focus on applied decision-making tools for managers. Prerequisites: HSA 5115 and IHS 5508 and IHS 6500

HSA 6520 Managerial Epidemiology 3 credits Use epidemiological tools to inform management decisions in health services organizations. Prerequisites: IHS 5508

HSA 6905 Dir Study-Health Services Admin 1 to 6 credits Students enter a learning contract of supervised study of a topic in health services administration. A substantive problem or issue is identified and selected by the student in conjunction with their course director. The course broadens expertise in health services administration. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.

HSA 6930 Topics in Health Services Admin 1 to 6 credits A current concept, selected problem or issue pertaining to health services administration is examined. The topic covered varies according to recent developments in health services administration. The course may be repeated for different topical areas. Prerequisites may be required depending on the topic. Consent of the Department Chair is required.

HSA 6933 Entrepre in Health Serv Admin 3 credits The course focuses on the principles and application of tradi-
tional and non-traditional techniques of planning, implement-
ing, and managing a new health service organization; the
fundamentals of organizational management, and market
analysis. Emphasis is placed on conducting market analy-
sis and relating the data to the organization, community, and
region. Special focus is placed on understanding the policy
and economic challenges that face the president/owner of a
new health service organization. Testimonials from entre-
preneurs and simulations are integrated within the course
to allow students to develop entrepreneurial skills. Special
Conditions: Admission into the College of Health Profes-
sions MS in Health Science program and completion of prerequi-
site course; or consent of the Department Chair.
Prerequisites:

HSA 6942 Health Serv Admin Internship 3 credits
This is a directed field experience in a health service orga-
nization under the guidance of a community health services
administration preceptor. The student gains internship experience in an assigned agency selected by the student and faculty advisor based on the student’s background and career interest. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of core courses; or consent of the Department Chair.
Prerequisites: IHS 6112 and IHS 6500

HSC 2106 Choosing Wellness 3 credits
Survey of topics in health and wellness of concern and interest for university students. Offers guidelines for self-directed responsible living. Emphasis placed on practical application of health concepts to university students personal, community, vocational, and leadership roles.

HSC 2577 Nutri Human Health & Wellness 3 credits
Principles of human nutrition and the relatedness of nutrition, health, disease and wellness. Emphasis on dietary goals, food pyramid and recommended allowances; psychosocial influences and perceptions related to diverse populations; nutrition, nutritional risk factors and related diseases.

HSC 3032 Intro to Health Prof Practice 4 credits
Introduction to principles of health professions practices, and roles of health care professionals. Emphasis on models of care including case management, total quality management (TQM), continued quality assessment (CQI), clinical outcomes assessment, and basic clinical skills.

HSC 3131 Health Counseling 3 credits
Emphasizes health counseling skills with attention to self-understanding; community outreach and provider training for culturally-sensitive health and wellness services; application to individuals and groups utilizing a psycho-educational approach.
Prerequisites: HSC 3201 and HSC 3582

HSC 3201 Healthy Communities 3 credits
Factors that impact the health of the global and local community using World Health Organization concepts and Healthy People 2010 health indicators. Roles of community services that promote healthy lifestyles and environments are pursued.

HSC 3208 Health Education Foundations 3 credits
Health education as a process and profession for promoting healthy individuals, groups, and communities. Seven areas of responsibility of health education are outlined for application in subsequent courses and preparation for the profession’s certification examination. Health education as a process and profession for promoting healthy individuals, groups, and communities. Seven areas of responsibility of health educa-
tion are outlined; task analysis and basic curriculum elements are also covered.

HSC 3243 Teach & Learn in Health Profs 3 credits
Styles of learning and teaching strategies and their application to individualized, small, and large group instruction, structured classroom teaching, presentations, and practitioner training. Evaluation and analysis of each learning method and teaching strategy are utilized by students to determine effective selection for implementation in training and educating clients.

HSC 3531 Medical Terminology 3 credits
A study of the language of medicine including Greek and Latin roots, suffixes and prefixes, word construction, and word application.

HSC 3582 Occupation and Participation 3 credits
Introduction of everyday occupations of people in a community and the influence of active participation in meaningful activities of one’s health. Occupational interests and activities of individuals and groups are studied across the lifespan. Fee Required

HSC 3720 Health Persp & Assessment 3 credits
Holistic approach to various health perspectives; assessment principles and methods.

HSC 4007 Accred for HP Educators 3 credits
Accreditation guidelines for health professions practice facilities and education programs, the different types of accreditation agencies, and the process of self-assessment in accreditation. Introduction to legislation and other forces which impact and influence certification, licensure, and accreditation standards and guidelines.
Prerequisites: HSC 4250

HSC 4150 Impacts of Substance Abuse 3 credits
Examination of multiple impacts of substance abuse on individuals across the lifespan, the family, and the community; trends in treatments of substance use disorder; associated problems of mental illness and homelessness are also considered.

HSC 4231 Client Ed in Health Care 3 credits
Methods for training and educating health care professionals and clients. Emphasis on a working relationship with the community and health care service organizations to develop educational programs related to health, wellness, disease, disease prevention, and quality of life as defined by organization of community needs, culture, and strategic planning.
Prerequisites: HSC 4250

HSC 4241 Needs Assmt & Program Plan 3 credits
Utilizing community partnerships, students develop skills for conducting needs assessment, planning health and wellness programs, and selecting outcome measures to determine their effectiveness.
Prerequisites: HSC 3201 with a minimum grade of C

HSC 4250 Task Analys & Curr Dev in H P 3 credits
Task analysis techniques as they apply to the classroom and practice settings, and a broad overview of theoretical approaches to curriculum and program development.
Prerequisites: HSC 3243

HSC 4265 Cont Educ for the Health Profs 3 credits
Theories and principles of adult education and the application to health professions continuing education and professional development are examined. Emphasis is also placed on the history, philosophy, process and requirements for ob-
Prerequisites: HSC 3231

HSC 4500 Epidemiology 3 credits
Epidemiology principles, concepts, and applications to health professions practice and health policy. Epidemiological studies, research methods, and distribution studies and determinants of health, disease, injuries, environmental relationships to diseases, and methods of evaluating patterns as disease determinants are examined. Prerequisites: IHS 4504

HSC 4510 Statistical Meth for Hlth Care 3 credits
Introduction to statistical techniques for their applications to the analysis and evaluation of health services delivery. Basic descriptive and inferential statistics and application of statistical methods and techniques to health services.

HSC 4551 Health Conditions 3 credits
Overview of disease processes, interventions, and impairments. Implications of disease or acute and chronic conditions on the individual's participation in everyday activity. Course replaced with HSC 4555

HSC 4555 Health Conditions 3 credits
Overview of disease processes, interventions, and impairments. Implications of disease or acute and chronic conditions on the individual's participation in everyday activity.

HSC 4736 Health Profs Pract Correlation 2 credits
Application of theories and models of health professions. Students select a case or problem in consultation with the course director, interpret and relate to the problem, and develop and recommend solutions. Prerequisites: HSC 3720 and IHS 4504

HSC 4818 Practicum in Health Prof Educ 3 credits
Under the supervision of a community health profession, the student gains practical experience and applies knowledge gained in the health professions education core. Prerequisites: HSC 3231

HSC 4819 Practicum in Health Prof Pract 3 credits
Under the supervision of a community practitioner preceptor, the student gains practical experience and applies knowledge gained in the health professions practice core. Selected projects are jointly decided by the faculty, preceptor, and student. Special Conditions: Admission to the B.S. in Health Science program in the College of Health Profession and completion of prerequisite courses; or consent of the Department Chair. Prerequisites: HSC 4736 and HSC 4906

HSC 4905 Dir Study: Hlth Prof Education 1 to 6 credits
Supervised study of a topic in health professions education. Content is selected by students in conjunction with their course director.

HSC 4906 Dir Stud: Health Prof Pract I 1 to 3 credits
Supervised study of practice topics in the health professions. Content is selected by students in conjunction with their course director, and is usually specific to the student's practice discipline. Prerequisites: HSC 4907 Dir Stud: Health Prof Pract II 3 credits
Supervised study of practice and/or practice topics in the health professions. Content is selected by students in conjunction with their course director, and is usually specific to the students' practice discipline. This course broadens practice expertise. Special Conditions: Admission to the B.S. in Health Program and consent of the Department chair. Prerequisites may be required depending on the directed study.

HSC 4910 Capstone in CHS 3 credits
Variable field experience for applying community health and/or health education concepts and skills learned to a specific community setting. Prerequisites: HSC 4241 with a minimum grade of C and (HSC 4703 with a minimum grade of C or HSC 3243 with a minimum grade of C) and IHS 3101 with a minimum grade of C and IHS 3203 with a minimum grade of C and IHS 4938 with a minimum grade of C.

HSC 4932 Topics in Health Prof Educ 1 to 6 credits
Current concept, selected problem, or issue in health professions education is examined. The topic covered varies according to recent developments in health professions education. The course may be repeated for different topic areas. Prerequisites may be required depending on the topic. Consent of the Department Chair is required.

HSC 5009 Accred in the Health Prof 3 credits
The structure, function, and role of accreditation agencies for academic and health services institutions in the health professions are examined. Emphasis is placed on the examination of the accreditation process and mechanisms that allow institutions to be in compliance with accreditation standards and guidelines. Federal, state, and local legislation and regulations, and their relationship to accreditation and approval are addressed. Students participate in simulated accreditation projects including writing components of a self-study document, reviewing self-study documents, performing an accreditation site visit, and participating in an accreditation agency review process. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

HSC 5260 Teaching Meth for Health Profs 3 credits
Presents the different learning methodologies and teaching strategies utilized in health professions education programs. Particular emphasis is placed on coordination and integration of the practice and didactic education components, learning-centered, technology-assisted and competency-based models of instruction. Students work independently to research a teaching strategy and to apply that strategy through development and/or presentation of a unit of instruction.

HSC 5268 H.P. Faculty Roles & Responsib 3 credits
Outlines the different roles of faculty involved in providing health professions education at academic institutions and practice sites. The educational and experiential qualifications, special skills, responsibilities, and duties of health professions faculty are examined. Prerequisites:

HSC 5269 Cont Educ for the Health Prof 3 credits
Focuses on the development of continuing education and professional development programs. Various theories of adult education and curriculum; and acquisition of continuing education credits (CEUs) from professional agencies and/or academic institutions are emphasized. Selections of continu-
HSC 6236 Client Education in the HP 3 credits
Application of instructional design principles for training and educating clients in the health care setting.
Prerequisites: HSC 6715

HSC 6258 Curric Devel-Health Prof Educ 3 credits
Serves as a comprehensive study of the philosophies, principles, and practices utilized in the development and implementation of health professions education curricula. Current research on learning theory and curriculum development is stressed. Emphasis is placed on mechanisms utilized to integrate the didactic and practice education components of health professions education programs. Students are required to independently develop a curriculum specific to their discipline or elaborate on a select component of the curriculum as a term project. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: HSC 5260

HSC 6607 Client Education in the HP 3 credits
Application of instructional design principles for training and educating clients in the health care setting.
Prerequisites: HSC 6715

HSC 6715 Ed Measrmt & Eval in Hlth Prof 3 credits
Serves as a comprehensive study of the philosophies, principles, and practices utilized in the development and implementation of health professions education curricula. Current research on learning theory and curriculum development is stressed. Emphasis is placed on mechanisms utilized to integrate the didactic and practice education components of health professions education programs. Students are required to independently develop a curriculum specific to their discipline or elaborate on a select component of the curriculum as a term project. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: HSC 5260

HSC 6856 Adv Pediatric Practicum 3 credits
Each student registered for this practicum designs, with instructor approval, a clinical learning experience. Learning goals for the practicum are student identified, address a professional need, and reflect a semester long commitment. Each individually designed clinical learning experience must be consistent with the goals and mission of the student’s supporting work site. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: IHS 5600 or IHS 5605 or IHS 6606 or IHS 6607

HSC 6905 Directed Study in Hlth Prof Ed 1 to 6 credits
Students enter a learning contract for supervised study of a topic in health professions education. A substantive problem or issue is identified and selected by students in conjunction with their course director. The course broadens expertise in health professions education. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.
Prerequisites:

HSC 6911 Health Profs. Capstone Project 2 to 6 credits
The capstone project is an applied experience that integrates the principles, theories and concepts of the student’s career concentration with problems or issues existing in the health field.
Prerequisites: IHS 6112 and IHS 6500

HSC 6912 Grant Writing-Health Professin 3 credits
Provides students with a conceptual framework and mechanics for grant writing. Emphasis is placed on the sources of grants for health professions and practice, critical analysis and evaluation of the literature, technical and scientific writing. Minor emphasis is placed on the comparison of grant writing with writing journal articles, reports, presentations and manuals. Students are expected to write a grant proposal for a simulated or actual grant. Completion of prerequisite courses required or consent of the department chair.
Prerequisites: IHS 6112 and IHS 6500

HSC 6935 Topics: Health Prof Education1 to 6 credits
A current concept, selected problem, or issue pertaining to health professions education is examined. The topic covered varies according to recent developments in health professions education practice. The course may be repeated for different topical areas. Prerequisites may be required depending on the topic. Consent of the Department Chair is required.
Prerequisites:

HSC 6943 Health Prof Educ Internship 3 credits
This is a directed field experience in a health professions education program or institution under the guidance of a community health professions education preceptor. The student gains internship experience in an assigned agency selected by the student and faculty advisor based on the student’s coursework and career interest. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: IHS 6112 and IHS 6500 and HSC 6715

HSC 6975 Health Professions Thesis 1 to 6 credits
The thesis experience is based on student consultations with a faculty advisor to focus on a health professions research endeavor related to the student’s career concentration. The student evaluates and synthesizes materials learned throughout the program to conduct a sophisticated research project including a review of the literature, research design, data analysis, formulation of conclusions, and a written thesis. This course is recommended for students who desire to pursue a doctoral degree or a research-oriented career. This course may be taken in increments of a minimum of two credits in a given semester with a minimum of six credits necessary for completion of thesis requirements. Students must be registered for credits in the course in the semester in which the thesis is defended. Special Conditions: Admission into the College of Health Professions MS in Health Science program, completion of prerequisite courses and completion of career concentration core; or consent of the Department Chair.
Prerequisites: IHS 6112 and IHS 6500

HUM 1931 First Year Humanities Seminar 3 credits
A general education humanities elective, this seminar is designed around the marquee-learning outcome and the first-year reading project. The content of the book and the specific learning outcome selected for the year will focus the direction of the content of the course. Material from philosophy, literature, the arts, communication, and religion will be used to expand on the themes raised in the first year reading project.
book. This course also addresses the theme of community awareness and involvement and requires service-learning.

HUM 2395 Environmental Humanities 3 credits
This course will explore central concepts of environment, community, and sustainability, through the lens of the humanities disciplines including literature, the arts, communication, religion and philosophy. Students will engage in a service project through the “Wings of Hope” Program.

HUM 2510 Underst Visual & Perform Arts 3 credits
This survey provides students with an understanding of and exposure to both the visual and performing arts. Basic components of this course will be on introduction to theory and structure of a variety of art forms combined with visits to theaters, music productions, and art galleries. Emphasis will be on personal and critical responses to these experiences. Prerequisites: ENC 1101 with a minimum grade of C

HUM 2930 Intro to Humanities 3 credits
Using the methods of the Humanities, the course explores three to four stories, themes, figures, etc. through interdisciplinary analyses of texts and artifacts.

HUS 1001 Introduction to Human Services 3 credits
Exploration of the field of human services including health, mental health and retardation, public administration, education, social welfare, recreation, criminal justice, youth services, and rehabilitation. Emphasis is placed on the variety of expectations and perceptions of consumers of human services. Basic helping and communication skills will be developed by the students.

HUS 2110 Basic Counseling Skills 3 credits
Emphasis is placed on the encouragement of personal growth and the development of fundamental interpersonal helping skills, as well as the promotion of knowledge of styles of helping fostered in a variety of human service settings.

HUS 3020 Human Growth & Development 3 credits
The nature of social systems perspective for analyzing the impact of family, culture, societal institutions and ethnicity on individual growth and development. Focus on major theories of human growth and development across the life span, interdependence of social functioning, and the impact of such factors as race/ethnicity, minority status, developmental disabilities, sexual orientation, socio-economic status.

HUS 3201 Interventions w/Gps &Commun 3 credits
The structure and function of groups in society. Focus on the community and its formal, informal helping networks, and applications in human service organizations and client interventions. Topics may include group processes and team functioning, treatment groups and problem solving, task groups and communication systems. Prerequisites: HUS 1001 with a passing grade and HUS 2110 with a passing grade

HUS 3304 Intervention w/Indiv &Families 3 credits
Introduction to practice knowledge and skills necessary for beginning human services practice. Focus on pluralistic, eclectic frameworks for planned orderly change processes with individual and family client systems. Topics may include self-awareness, personal values, observation skills, basic assessment skills, relationship development skills, communication skills, interviewing skills.

HUS 3410 Case Mgmt Prob Solving-HumServ 3 credits
Approaches used by the human services professional to meet the service needs of the client. Case management with children and families, elderly, chronically mentally ill, developmental and physically disabled, and those in health care settings.
Prerequisites: HUS 1001 with a passing grade and HUS 2110 with a passing grade

HUS 3601 Human Services Delivery System 3 credits
Systems servicing health and welfare needs at the local, state, and national levels. Focus on institutional origins of human services systems, types of systems, and similarities and differences among fields of practice. Prerequisites: HUS 1001 with a passing grade and HUS 2110 with a passing grade

HUS 3720 Evaluative Rsrch in Human Svcs 3 credits
Experimental and quasi-experimental research and program evaluation tools. Emphasis on gathering data; operationalizing research and evaluative hypotheses, and analyzing, interpreting, and critiquing evaluative research produced by other human services professionals. Introduction of basic statistical applications and the use of program software in generating statistics.

HUS 4050 Ethics in Human Services 3 credits
Ethical issues encountered by human services professionals and ethical theory within the context of administrative discretion, vary.

HUS 4508 Substance Abuse & the Family 3 credits
Definition and scope of substance abuse as a social and family problem. The impact of substance abuse on family relationships. Substance abuse education in families. Approaches to support for families of persons with substance abuse problems. Treatment and intervention strategies for families of substance abusers.

HUS 4525 Issues in Mental Health 3 credits
Current issues and topics in mental health of concern to Human Services providers in Southwest Florida.

HUS 4539 Elder Abuse & Neglect 3 credits
Elder abuse and neglect within the society. Emphasis on differentiation among the various forms of elder abuse (emotional, physical, financial and institutional) and how elder abuse differs from neglect. Contextualization of elder abuse and neglect within the larger family violence literature with approaches for prevention and intervention.

HUS 4554 Int’l & Multicultural Programs 3 credits
Comparative study of international and multicultural human services programs. Usually requires a foreign study tour at student expense.

HUS 4560 Social Problems & Policy 3 credits
Survey the political and administrative context in which public policies are developed, implemented, and evaluated. Emphasis on program funding and financial reporting requirements and the policy cycle. Topics may include long term care, gerontology, mental health, substance abuse, homelessness, child and family programs, migration/immigration, and juvenile crime and criminology.

HUS 4604 Issues in Health Services 3 credits
Current issues and topics in health services of concern to Human Services providers in Southwest Florida Socioeconomic factors in health and access to health care. Exact content will vary with contemporary conditions and faculty expertise.

HUS 4683 Substance Abuse Treat&Resource 3 credits
Survey of contemporary treatments available to substance
Course Descriptions

HUS 4850 Experience in Human Services 3 to 9 credits
Supervised field internship required of all Human Services majors. Placement is made by the Field Coordinator. Five hundred contact hours are required over one or two semesters. Departmental approval required. Prerequisites: HUS 3020 and HUS 3201 and HUS 3304 and HUS 3410 and HUS 3601 and HUS 4500 Corequisites: HUS 4931

HUS 4901 Directed Study in Human Svcs 1 to 3 credits
Individualized instruction to meet the needs for study in areas of a particular area of interest.

HUS 4931 Human Svcs Integrat Senior Sem 3 credits
The capstone course in the Human Services Program. Classroom and field learning are integrated. Students prepare to enter the professional field of practice. Prerequisites: HUS 3410 with a passing grade and HUS 3304 with a passing grade Corequisites: HUS 4850

HUS 4932 Issues in Aging 3 credits
Current issues in aging of interest to Human Services providers in Southwest Florida are examined. This includes policy, practice, service delivery, and community needs. Exact content varies with current conditions.

HUS 4935 Issues in Families 3 credits
Current issues in families of interest to Human Services providers in Southwest Florida are examined. This includes policy, practice, service delivery, and community needs. Exact content varies with current conditions. May include alternative family groups, cultural variations, dispersed families, and others.

HUS 4937 Issues in Vulnerable Pop 1 to 3 credits
Current issues in vulnerable populations of interest to Human Services providers in Southwest Florida are examined. This includes policy, practice, service delivery, and community needs. Exact content varies with current conditions and faculty expertise.

HUS 4940 Human Services Field Seminar 1 to 3 credits
This seminar is taken concurrently with Experience in Human Services, which is an individually tailored field experience. The seminar integrates classroom theory and practicum experiences. All basic human services generalist knowledge is integrated and skill development is reinforced from field practice. Prerequisites: HUS 3410 with a passing grade and HUS 3304 with a passing grade

IDH 1930 Honors Readings 1 credits
Each semester, we will discuss 3 books. Groups comprised of no more than 4 students per faculty will meet at a mutually acceptable time. The three books will have a common theme and the theme will lend itself to an interdisciplinary approach. Ideally, the books will be a mix of fiction and nonfiction. In these small groups, the students will have the chance to freely express their thoughts. They will also have the opportunity to develop a close association with dedicated faculty members, which is one of the foundations of our Honors Program. At the end of the semester, we hope to get the students and faculty together with one of the authors of the books for a discussion of the ideas and themes discussed over the semester. To take the course, students must be in the University Honors Program, or must have a cumulative GPA of at least 3.5, or by permission of the instructor.

IDH 2002 Honors Connections 2 credits
Explores the role of the active relationship of the self to content, context, and to other people. Students are encouraged to explore the diverse and connected knowledge of how we get to be who, what, and where we are as humans. Students are asked to see the connections among the ideas they encountered in the general education course they took and to see how this work lays the foundation for the continuation of their intellectual journey. Prerequisites: IDS 1301L or IDH 1001

IDH 2931 Honors Humanities Seminar 3 credits
An honors special topics course examining objects of culture using the methods of the Humanities. Topic selection will be within the broad framework of communication, culture, the arts, letters, popular culture, concepts, or the life of the mind. – This class meets both the Gordon Writing Rule and General Education Humanities criteria.

IDH 4945 Honors in Washington 3 to 6 credits
Honors in Washington provides academic credit for student internship experiences arranged through the Washington Center, in Washington, D.C. Students develop a portfolio of their internship experience. The composition of the portfolio and the criteria for grading it are determined by FGCU faculty. FGCU faculty also grade the portfolio. Second semester sophomore standing required to participate in program.

IDS 1301L Styles & Ways of Learning 1 credits
Introduction to the interdisciplinary and multidisciplinary nature of the curriculum in the General Education program at Florida Gulf Coast University. A mechanism for establishing a shared understanding of the mission of the university and the intention of and approaches to the curriculum. Provides students with training in the basic skills necessary to perform well in the university setting (e.g., time management, intergroup skills, facilitative and interactive learning, effective utilization of technology). Required of all entering freshmen. The students will gain insight into various learning styles and ways of knowing and will have the opportunity to identify and learn more about their respective learning styles in their first semester at Florida Gulf Coast University. Fee Required

IDS 1356 Applied Critical Thinking 3 credits
Interdisciplinary approach to critical thinking about ecological issues from a variety of social science perspectives. Students explore ecological issues, frame problems, construct cogent arguments, articulate reasoned judgments, and critically compare different points of view.

IDS 2110 Connections 2 credits
Capstone interdisciplinary experience for general education.
Summarizes major points in the bodies of knowledge acquired while participating in the General Education Program; illustrates the integration of the Program; and provides opportunities for the students to utilize the knowledge and skills gained from the General Education experience in an applied manner. Involves research, application of theoretical models, and utilization of learned skills. Prerequisites: IDS 1301L with a minimum grade of C- or SLS 1501 with a minimum grade of C- or IDH 2002 with a minimum grade of C- or IDH 1001 with a minimum grade of C-

Fee Required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDS 2930</td>
<td>Selected Topics</td>
<td>1</td>
<td>Exploration of selected topics in interdisciplinary studies.</td>
</tr>
<tr>
<td>IDS 3197</td>
<td>Reflecting on the Holocaust</td>
<td>3</td>
<td>Explores the impact of the Holocaust on a variety of aspects of world culture, possibly including literature, art, philosophy, political theory, and/or religious reflection.</td>
</tr>
<tr>
<td>IDS 3300</td>
<td>Foundations of Civic Engagement</td>
<td>3</td>
<td>Introductory course for the Collegium of Interdisciplinary Learning that teaches civic engagement through: ethical responsibility, ecological and culturally diverse perspectives and community awareness. Prerequisites: ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>IDS 3301</td>
<td>Issues in Culture &amp; Society</td>
<td>3</td>
<td>Examines selected contemporary cultural/social issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills. Prerequisites: IDS 3300 with a minimum grade of C</td>
</tr>
<tr>
<td>IDS 3302</td>
<td>Issues in Politics &amp; Economics</td>
<td>3</td>
<td>Examines selected contemporary political/economic issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.</td>
</tr>
<tr>
<td>IDS 3303</td>
<td>Issues in Science &amp; Technology</td>
<td>3</td>
<td>Examines selected contemporary science/technology issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills. Prerequisites: IDS 3300 with a minimum grade of C</td>
</tr>
<tr>
<td>IDS 3304</td>
<td>Issues in Ecology &amp; Environ.</td>
<td>3</td>
<td>Examines selected contemporary ecology/environmental issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.</td>
</tr>
<tr>
<td>IDS 3305</td>
<td>Issues in Media, Lit. &amp; Arts</td>
<td>3</td>
<td>Examines selected contemporary media, literature, and arts issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.</td>
</tr>
<tr>
<td>IDS 3920</td>
<td>University Colloquium</td>
<td>3</td>
<td>The University Colloquium brings together students from all five colleges in a series of interdisciplinary learning experiences. These experiences are designed to address the ecological perspective outcome in relations to other university outcomes and guiding principles. Critical thinking and communication skills will be enhanced through field trips, discussion, projects, and a journal to be maintained by each student. (Advisor approval needed for virtual sections only) (Gordon Rule) Fee Required</td>
</tr>
<tr>
<td>IDS 4901</td>
<td>Directed Individual Study</td>
<td>1-6</td>
<td>Supervised study or project in an approved interdisciplinary area of interest. Permission of instructor required.</td>
</tr>
<tr>
<td>IDS 4910</td>
<td>Integrated Core Senior Seminar</td>
<td>3</td>
<td>Capstone experience for the Collegium of Integrated Learning. In conference with selected faculty, students will devise a senior project that will emphasize the use of synthesis thinking and skills. The project may be related to, or have grown out of, previous courses in the Collegium of Integrated Learning and/or be connected to the student's discipline. This course should be taken during the student's final semester after successful completion (C or better) of at least two Collegium courses numbered IDS 3300-3305. Prerequisites: IDS 3300 with a minimum grade of C and (IDS 3301 with a minimum grade of C or IDS 3303 with a minimum grade of C)</td>
</tr>
<tr>
<td>IHS 3101</td>
<td>Shaping Healthcare in 21st Cent.</td>
<td>3</td>
<td>Investigation of the interdisciplinary concepts of health and dynamics of healthcare delivery systems. Ethical, legal and social considerations for the 21st century healthcare practitioner are examined. Fee Required</td>
</tr>
<tr>
<td>IHS 3112</td>
<td>Legal &amp; Ethical Princ of HC</td>
<td>3</td>
<td>A focus on the legal and ethical issues encountered in health services organizations as they relate to healthcare delivery.</td>
</tr>
<tr>
<td>IHS 3203</td>
<td>Mgmt. &amp; Leadership in Hlthcare</td>
<td>3</td>
<td>Interdisciplinary analysis of leadership and management concepts; managerial skills and techniques; fiscal responsibility; human resource development; outcomes assessment; building strategic alliances in changing environments; and organizational ethics. Fee Required</td>
</tr>
<tr>
<td>IHS 3301L</td>
<td>Shaping Hlthcare in 21st Cent.</td>
<td>3</td>
<td>Introductory course for the Collegium of Interdisciplinary Learning that teaches civic engagement through: ethical responsibility, ecological and culturally diverse perspectives and community awareness. Prerequisites: ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>IHS 4504</td>
<td>Research Methods in HealthCare</td>
<td>3</td>
<td>Introduces qualitative and quantitative methods of inquiry; critical evaluation of health research literature; ethical integrity issues in research; interdisciplinary proposal preparation for health care scholarship; and application of research findings in health profession's practice. Fee Required</td>
</tr>
<tr>
<td>IHS 4938</td>
<td>Senior Seminar</td>
<td>3</td>
<td>Course synthesizing career and life experiences across disciplines, via exploration of interdisciplinary issues and civic projects. Prerequisites: IHS 4504 and IHS 3101 and IHS 3203 Fee Required</td>
</tr>
<tr>
<td>IHS 5117</td>
<td>Global Persp of Health Policy</td>
<td>3</td>
<td>This interdisciplinary course examines health policies and perspectives globally, and the impact of health policy making in health care delivery systems nationally and internationally. Health policies in selected countries including the United States, Canada, Great Britain, Germany, and Sweden are compared and contrasted. The course evaluates health care issues and their effects on health professions, interdisciplinary health professions practices, and health services policies in the various selected countries. Special emphasis is placed on health policies from an economic, political, and social context internationally.</td>
</tr>
<tr>
<td>IHS 5508</td>
<td>Statistical Analysis for HP</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
This interdisciplinary course explores the various dimensions of development of young children (prenatally through age five) within the context of family and culture. Special attention is given to the development of children from birth to three. The broad goal of the course is to understand the typical sequence of development, across domains, by age. The interrelated nature of development is emphasized throughout the course. The focus is on typical development, with special emphasis placed on the implications of risk conditions and atypical development for each of the developmental processes and sequences reviews. Attention is given to individual differences and variations in development.

IHS 5606 Ad Ped: Children Birth-Sch Age 3 credits
This interdisciplinary course examines the impact on families of individuals with disabilities and explores strategies for establishing partnerships with families while accomplishing family-centered interventions. A family systems perspective is introduced and applied to understanding families of children with disabilities. Students are required to reflect on their own experiences as family members, challenge their own assumptions about families of children with disabilities, actively practice strategies that take the perspective of families, and understand how to forge positive working relationships with families.

IHS 5605 A Ped-Fam of Children w/Disab. 3 credits
This interdisciplinary course examines the impact on families of individuals with disabilities and explores strategies for establishing partnerships with families while accomplishing family-centered interventions. A family systems perspective is introduced and applied to understanding families of children with disabilities. Students are required to reflect on their own experiences as family members, challenge their own assumptions about families of children with disabilities, actively practice strategies that take the perspective of families, and understand how to forge positive working relationships with families.

IHS 6112 Legal & Ethic Aspt Hlth Care 3 credits
Focuses on the U.S. legal system, legal principles, ethical issues that affect health care services, and interdisciplinary health care practices. Students are introduced to legal aspects of health care at the federal, state, and local levels. Liability, legal and ethical issues encountered in health service organizations as they specifically relate to health care delivery, health professions education, research, client interactions, policy and ethical decision making are investigated. Projects and simulations are integrated within the course to enhance critical thinking, communication, ethical decision making, and to foster interdisciplinary approaches to addressing issues. Special Conditions: Admission into the College of Health Professions MS in Health Science and completion of the pre-requisite course; or consent of the Department Chair.
Prequisites: IHS 5612 and IHS 6500.

IHS 6500 Research in Health Professions 3 credits
Provides students with theories and principles of research designs and a broad conception of disciplined inquiry; and interdisciplinary team approaches to research in the health professions. It enables students to evaluate and apply various research designs, methods and techniques, and related statistical processes to research in the health professions and health services. Ethics and issues as related to research in the health professions are emphasized. Students demonstrate synthesis of course content and research skills through a research project. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite course; or consent of the Department Chair.
Prequisites: IHS 5508.

IHS 6506 Qualitative Research Hlth Care 3 credits
Examination of qualitative methods and applications to health disciplines; basic skill development in data analysis; development and initiation of a naturalistic study that students may continue in subsequent research requirements.

IHS 6606 Ad Ped: Atyp Child with Disab. 3 credits
This interdisciplinary course increases students’ understanding of the complexity of early development and the influence of risk factors on development. Students gain knowledge of common disabling conditions, including their etiologies and potential effects on development. Ethical issues related to diagnosis and treatment decisions are emphasized. Students are engaged in a process of obtaining information and resources related to delayed or atypical development and outcomes in young children.

IHS 6939 Health Policy Capstone Seminar 3 credits
This capstone course emphasizes the student’s culmination of courses through demonstration of synthesis and evaluation of knowledge and experiences across disciplines via interdisciplinary and presentation of a health policy project. The course prepares students for their professional roles as interdisciplinary planners, change agents, educators, administrators and/or practitioners. Special Conditions: Admission into the College of Health Professions MS in Health Science program, completion of all pre-requisite courses, completion of career concentration core; or consent of the Department Chair.
Prequisites: IHS 6112 and IHS 6500.

INP 4004 Intro to Indus/Organiz Psych 3 credits
Applications of psychological principles to industry. Topics include selection, training, job satisfaction, supervision and decision making.
Prequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C )

INR 2005 Peace Conflict Public Sphere 3 credits
Interdisciplinary examination of the communicative practices, political dynamics, and philosophical perspectives that can illumine the emergence of societal conflicts and the prospects of their peaceful resolution.

INR 2015 Global Studies 3 credits
Introduces the student to the realities of current global issues and problems. The course content includes changing demographic patterns, food, energy and human resources, the structure of international relations, with a special emphasis upon sustainable development. An interdisciplinary approach is used in analyzing the issues.

INR 3002 Theories of Int’l Relations 3 credits
Examination of major theoretical traditions of international relations and interpretation of current international realities from the prospectus of these traditions.
Prequisites: ENC 1102 with a minimum grade of C.
INR 3955  Overseas Study  1 to 3 credits
This course is a program of individual or group research in a foreign country.

INR 4075  International Human Rights  3 credits
Examines international human rights issues and their impact on politics. Major topics include: international human rights organizations and legal conventions; ethical and political ambiguities in international human rights; conflicts between human rights, local culture, and economic globalization. Prerequisites: ENC 1102 with a minimum grade of C

INR 4303  U.S. Foreign Policy  3 credits
Examination of U.S. foreign policy, including economic policy, counter-terrorism, national defense, U.S. diplomacy toward key countries and regions of the world, and the governmental machinery through which foreign policy is formulated and implemented. Prerequisites: ENC 1102 with a minimum grade of C

INR 4703  International Political Econ  3 credits
Examines the major structures and key actors within the contemporary global economy. Topics include international monetary order, regional and multilateral trade regimes, international financial flows, the roles of multinational corporations, economic development strategies, and world cities. These topics will be investigated from a variety of theoretical perspectives (e.g., liberal, mercantilist, structuralist). Prerequisites: ENC 1102

INR 4900  Directed Reading  1 to 3 credits
Under the guidance and supervision of an instructor, students develop a program of reading and possibly research which fits their individual interest, needs, or topic. Prerequisites: SVG 2000 with a passing grade

INR 4910  Directed Independent Study  1 to 3 credits
Provides an opportunity for students to engage in research of their choice in special areas of interest. The research may be carried out on an individual or group basis but must be under the supervision of the instructor. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting. Prerequisites: INR 2015 with a minimum grade of C or INR 3002 with a minimum grade of C

INR 4926  Model UN Practicum  3 credits
Enables students to engage in academic research that will facilitate their participation in Model United Nations conferences. Prerequisites: INR 2015 with a minimum grade of C or INR 3002 with a minimum grade of C

INR 4930  Special Topics Intl Relations  3 credits
Prerequisites: ENC 1102

ISC 1002C  Systems of Physical Science  3 credits
Investigates physics and chemistry from a systems perspective. Topics include physical and chemical fundamentals, such as atomic structure, interactions between matter and energy, electricity, changes of state, chemical reactions and the relation to organisms, environment and nature. Fee Required

ISC 2930  Selected Topics  1 to 4 credits
Topics of current or special interest to students or faculty. Topics or focus vary depending on student/faculty interest.

ISC 3120  Scientific Process  3 credits
Introduction to the philosophy, methodology and ethics of scientific practice via classroom discussion and literature review. Focus on philosophical and practical differences between physical & historical science; hypothesis generation and testing; experimental design; construction of a research proposal; composition of a scientific paper; oral presentation; and critical review. Prerequisites: OCE 3008C with a minimum grade of C or BSC 1051C with a minimum grade of C or PCB 3063C with a minimum grade of C or PCB 3023C with a minimum grade of C or CHM 2211C with a minimum grade of C or (CHM 2211 with a minimum grade of C and CHM 2211L with a minimum grade of C) and (STA 2023 with a minimum grade of C or STA 2037 with a minimum grade of C)

ISC 3145C  Global Systems  3 credits
Interdisciplinary introduction to the dynamic and interactive processes which shape our planet. Focus on the physical, biological, and chemical processes which have defined the composition of each of the four “spheres” of the planet (biosphere, hydrosphere, atmosphere, and lithosphere) throughout the earth’s 4.5 billion years of history. Prerequisites: CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C or CHM 1046C with a minimum grade of C and PHY 2054C with a minimum grade of C and BSC 1010C with a minimum grade of C or (BSC 1010 with a minimum grade of C and BSC 1010L with a minimum grade of C) and GLY 1010C with a minimum grade of C or GLY 1000C with a minimum grade of C. Fee Required

ISC 4131  Scientific Entrepreneurship  3 credits
This course addresses the nature of basic and applied research in biotechnology, how basic research and development drives the generation of Intellectual Property and how Intellectual Property can be commercialized. Prerequisites: ISC 3120 or ISC 3120C

ISC 4910  Sr. Proj Rsch Intrdisc Nat Sci  2 credits
Research projects designed to hone skills in applying research principles and obtaining practice in data collection and analysis, or certain aspects of research are carried out by one or more students under the supervision of a faculty member.

ISC 4911  Sr Proj Pres Intrdisc Nat Sci  2 credits
A continuation of the senior project, students will be expected to prepare and present a summary of their research. The presentation may be oral, written, multimedia, etc. Work will be completed with the faculty mentor. Prerequisites: ISC 4910 with a minimum grade of C

ISC 4930  Current Top in Intr Nat Sci  1 to 3 credits
Special or current topics in the interdisciplinary natural sciences. Students are encouraged to choose topics which are relevant to their prospective research thesis or internship. Students will receive a grade of Satisfactory “S” or Unsatisfactory “U”. Prerequisites: ISC 3120C with a minimum grade of C or ISC 3120 with a minimum grade of C

ISC 4940  Internship in Interdis Nat Sci  2 to 4 credits
Supervised internship in a field or laboratory setting. A Satisfactory “S” or Unsatisfactory “U” grade will be assigned.

ISM 2051  Intro Website Development w/DB  3 credits
This course prepares students as website developers who can create an attractive, socially, culturally sensitive site containing dynamic components as well as static components using an integrated tool with a database. Prerequisites: CGS 1100

ISM 2940  Exploration of Info Technology  1 to 3
Course Descriptions

ISM 3011 Information Systems 3 credits
Overview of information systems technology, including flow and control of information in an organization and use in decision making. Focuses on information systems’ strategy case studies, current security issues, and technology platforms to prepare students to utilize IT for exploring opportunities and solving problems in a global business environment. (Junior standing required)
Prerequisites: CGS 1100 with a minimum grade of C or COP 1500 with a minimum grade of C

ISM 3113 Systems Analysis & Design 3 credits
Systems concepts, structured methods, techniques, and computerized tools used in information systems analysis and design. Both procedural and object-oriented analysis design approaches are covered. Students will work on a real life projects to apply concepts and methods learned in class. (Fundamental computer programming knowledge required.)
Prerequisites: ISM 3212 with a minimum grade of C and COP 3003 with a minimum grade of C or ISM 3232 with a minimum grade of C

ISM 3212 Database Concepts & Admin 3 credits
Principles of database administration. Information systems design and implementation with database management systems. This course covers conceptual, logical, and physical design of database; SQL; various database administration issues; and differing models for databases (relational, hierarchical, network, and object oriented). Students will design and construct a physical database system to implement the logical design.
Prerequisites: (COP 2006 with a minimum grade of C or ISM 3230 with a minimum grade of C) and (ISM 3011 with a minimum grade of C or CEN 3031 with a minimum grade of C)

ISM 3220 Data Communications 3 credits
Fundamentals of data communications based on the OSI reference model. Introduction to media, signaling, error control, protocols, and network operating systems. Local area networks are emphasized. Installation, configuration, troubleshooting and management of technologies are practiced in a project environment.
Prerequisites: (COP 2006 with a minimum grade of C or ISM 3230 with a minimum grade of C) and (ISM 3011 with a minimum grade of C or CEN 3031 with a minimum grade of C)
Fee Required

ISM 3221 Data Communications II 3 credits
This course builds on the basic concepts of data communications, focusing on network planning, evaluation, and security.
Prerequisites: ISM 3220

ISM 3230 Introduction Bus Programming 3 credits
Introduction to problem-solving and business application development. Review of programming and basic programming concepts in a modern programming language. Principles of programming style are emphasized. Projects and assignments cover business applications.
Prerequisites: CGS 1100 and MAC 2233

ISM 3232 Intermediate Bus Programming 3 credits
Intermediate programming of business applications using a modern programming language. Topics include data structures, indexing, file processing, and user interfaces. Principles of programming style are emphasized. Projects and assignments cover business applications.
Prerequisites: ISM 3230

ISM 3238 Advanced Business Programming 3 credits
Advanced business application development, problem solving, and testing and maintenance using a modern programming language. Projects cover business applications.
Prerequisites: COP 3003 with a minimum grade of C or ISM 3232 with a minimum grade of C

ISM 3400 Decision Support Sys Apps 3 credits
Study of the principles of decision making and the human/computer alliance. Hands-on computer-assisted decision making for an organizational environment.

ISM 3402 Decision Support Tools 3 credits
This course prepares business students to be able to use a variety of tools and technologies used in business decision making in functional areas such as management, accounting, human resources, finance and marketing. Those tools and technologies include data warehouse, OLAP, data mining, and visual presentations.
Prerequisites: ISM 3011

ISM 4094 Advanced MIS Symposium 3 credits
State of the art information technologies used by organizations to improve their products, operations and decision making in every aspect of their global collaborative value chains will be studied.
Prerequisites: ISM 3011

ISM 4154 Systems Integrations Strategies 3 credits
This course prepares students so they can integrate cross-functional systems and analytical systems into an enterprise systems, as well as developing inter-organizational systems. Different approaches to systems integration, issues related to changes in business processes, and necessary technology components such as ERP, web services, EDI, API, XML, SOAP, and semantic webs will be covered.
Prerequisites: ISM 3113 and ISM 3220

ISM 4243 Intro Computer Graphics Pgrm 3 credits
Students will learn how to create computer graphics programs in a modern object-oriented programming language. The basics of lighting, shapes, textures, transformations, and human interface design will be applied to the representation of data, virtual reality, and simple animations.
Prerequisites: ISM 3232

ISM 4332 IS Project and QA 3 credits
Students will gain an understanding of the entire information system development process via team projects, including problem identification, analysis, design, implementation, estimation, resource allocation, scheduling, and quality assurance. Teams will design and develop a prototype system that satisfies the requirements of a “real” organization.
Prerequisites: ISM 3113 with a minimum grade of C and ISM 3220 with a minimum grade of C
Corequisites:

ISM 4905 Directed Independent Studies 1 to 3 credits
Independent studies as directed by designated faculty. Permission of the instructor and department chair required.
Prerequisites: ISM 3113

ISM 4930 Topics in Computer Info Sys 3 credits
Selected topics in information systems.
Prerequisites: CGS 1100 with a minimum grade of C

ISM 4941 Practicum in Computer Info Sys 3 credits
Joint faculty/industry directed remote and/or on-site course experience in information systems development.
Business Intelligence 3 credits
Study of the use of analytical tools to transform operational data into complex and competitive information for decision makers. Topics will include data warehouse, data mining, and data cleansing.
Prerequisites: ISM 6021 or ISM 3011

Directed Independent Studies 1 to 3 credits
Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required)
Prerequisites: ISM 6021

Topics in Computer Info Sys 3 credits
A comprehensive survey of selected contemporary issues and topics in information systems at the graduate level. Individual investigation and reporting emphasized in seminar fashion.

Management Info Systems 3 credits
Introduces computer information systems technology (IT) principles, tools and strategies used to gain competitive advantage in the marketplace. The emphasis is on addressing business problems in the "information-age" and communicating--in writing and with commonly used desktop software--the results of one's analysis of a business IT problem or situation. In addition, students apply IT strategies in the design of an Internet-based enterprise (E-Commerce)--including online presentation of e-business plan and enterprise resource planning (ERP) strategy.

Implications of IT 3 credits
Digitization of information and the rise of global networks are enabling new relationships among organizations, new opportunities, and new ways of working. Students will examine how technology shapes, and is shaped by business, social, legal, and political issues.
Prerequisites: ISM 6021 or ISM 3011

Info Requirements Analysis 3 credits
Study and application of systems development approaches. Covers structured methods, object-oriented analysis methods and other methods. Also covers computer aided system engineering tools. Students as a group will work on a real life project to apply concepts and methods they have learned.
Prerequisites: ISM 6021 or ISM 3011

Information Systems Design 3 credits
An in-depth study of the problem of determining an efficient design to meet the requirements specified by the user. The course will cover alternative designs of networks, databases, programs, and user interfaces. Both structured and object-oriented methodologies will be discussed.
Prerequisites: ISM 6121

Enterprise Systems 3 credits
Strategies and technologies for the implementation of enterprise-wide computer information systems. Study of business processes and enterprise resource planning (ERP) systems for decision-making, process design, and control.
Prerequisites: ISM 6021 or ISM 3011

Data Management 3 credits
Advanced principles of database administration. Information system design and implementation in a database environment. Topics may include conceptual, logical, and physical design of databases; SQL; database administration, distribution, security, and recovery issues; and differing models for databases (relational, hierarchical, network, and object oriented). Students will design and construct a physical database system to implement the logical design.
Prerequisites: ISM 3212

IT Infrastructures & Networks 3 credits
Telecommunications fundamentals including data, voice, image, and video. Major issues in the design, implementation, and management of networks. Issues related to the development of an integrated technical architecture to serve organizational needs in a rapidly changing competitive and technological environment.
Prerequisites: (ISM 6021 or ISM 3011) and (ISM 3230 or COP 2006)

Adv Application Development 3 credits
Application of object oriented programming for business. Students will learn how to program and debug traditional and web-based programs using a modern object-oriented language. Includes instruction in exception handling, graphic user interface (GUI) design, database access, networking and other advanced topics.
Prerequisites: ISM 3212 and ISM 3232 or COP 3003

Project Mgt &Quality Assurance 3 credits
The course introduces the use of scheduling, resource-allocation, and capacity planning in the design, development, and implementation of information systems and/or systems changes. The course covers state of the art models such as the Capability Maturity Model and the People Maturity Model developed at the Software Engineering Institute.
Prerequisites: ISM 6021 or ISM 3011

Tech Documentation for IS Prof 3 credits
Professionals in Information Technology must be able to present their ideas, project proposals, or systems designs to non-technical managers in a clear and concise manner. This course is designed to help IT professionals make communications in a way that will enhance the manager’s understanding and acceptance of those IT proposals.
Prerequisites: ISM 6122

IT Function & Infrastructure 3 credits
This course focuses on the design and management of an overall system of three interacting subsystems: the enterprise itself, the IS function, and the IT architecture. The alignment of competitive strategy, core competencies, and information systems, as well as approaches to managing the IS function will be covered.
Prerequisites: ISM 6121 and ISM 6155 and ISM 6217 and ISM 6231

Practicum in CIS 3 credits
An experiential learning exercise that allows for practical application of knowledge acquired in the classroom. S/U only.
(Permission of department required)
Prerequisites: ISM 6121

Interdisciplinary Social Science 3 credits
Examination of current social science issues from an interdisciplinary perspective. Topic selection will be within the broad framework of technological changes, economic conditions, political ideologies, social structures, manifestations of culture and impacts on changing social patterns.

Intro to International Studies 3 credits
Introduction to International Studies, the interdisciplinary nature of International Studies, the basic theoretical perspectives used in analyses and the specific areas for concentrated research or further reading.

Intro to Social Sciences 3 credits
Interdisciplinary examination of social institutions and social issues from the perspectives of the various social sciences. Emphasis on different approaches to the analysis of issues, strategies for addressing needs relating to those issues, and relationships among the disciplines.

**ISS 3930 Selected Topics** 3 credits

**ISS 4910 Directed Independent Research** 1 to 3 credits
Supervised research in areas of special interest. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

**ISS 4934 Program Evaluation** 3 credits
Develops students’ knowledge base and skills in program evaluation. Students study the theoretical bases for evaluation, examine the types of program evaluation and apply them in field assignments and case studies.

**ISS 4935 Sr. Seminar in Soc. Sciences** 3 credits
Capstone experience integrating the various paradigms explored in other courses. Focus on a topic of interest.

**ISS 4940 Interdisciplinary Practicum** 3 credits
Practical application of knowledge and skills in the classroom in supervised field settings. Hours may vary and are based upon the nature of the practicum.

**ISS 4955 Study Abroad** 3 credits
This course provides the student with a practical application of knowledge in a real setting.

**JOU 3101 Journalism** 3 credits
An overview of topics including news gathering techniques, investigative reporting, story construction, and press law and ethics. This writing workshop allows students to experience newspaper reporting firsthand, testing concepts in journalism by producing articles for the university community.

**LAE 3334 Reading & Writing Content Area** 4 credits
Prepares secondary teacher trainees to integrate reading and writing into their content classrooms in order to improve learning.

**LAE 4314 Language Arts in Child. Educ.** 3 credits
Prepares secondary teacher trainees to integrate reading and writing into their content classrooms in order to improve learning.

**LAE 4315 Teaching Writers and Writing** 3 credits
Students will engage in exploration and practice of effective writing strategies. Will include teaching strategies demonstrations. Permission of Instructor only.

**LAE 4323 Methods of Teach Eng. Middle** 3 credits
Methods of teaching writing as part of the language arts curriculum. Development of writing as a process and product instructional strategies, functions of writing, conventions of writing in the K-12 curriculum.

**LAE 4414 Lit. in Childhood Education** 3 credits
Selection, evaluation and use of fiction, nonfiction and poetry for instructional, informational, and recreational purposes in Childhood Education. Addresses the literature and writing component of the liberal arts exit requirements and the following skills and dimensions: analytical thinking, writing skills, oral expression, race and ethnicity, and gender.

**LAE 4416 Children’s Literature** 3 credits
Study of the types of literature read by adolescents. Emphasis on criteria for selection of literature and teaching materials for middle and high school teaching. Correlation of literature-based materials with state curriculum standards and assessment procedures.

**LAE 4464 Adolescent Literature** 3 credits
Study of the types of literature read by adolescents. Emphasis on criteria for selection of literature and teaching materials for middle and high school teaching. Correlation of literature-based materials with state curriculum standards and assessment procedures.

**LAE 4936 Senior Seminar: Eng. Ed.** 2 or 3 credits
Senior standing. Synthesis of teacher candidate’s courses in complete college program. Required concurrently with internship.

**LAE 4940 Internship in English Ed** 9 credits
One full semester of internship in a public or private school. Intern takes Senior Seminar in English concurrently. In special programs where the intern experience is distributed over two or more semesters, student will be registered for credit which accumulates from 9-12 semester hours. (S/U only)

**LAE 4941 Methods of Teach Eng: Pract** 3 credits
Taken one semester prior to internship. Required concurrently with LAE 4335 or LAE 4325.

**LAE 5295 Writing Workshop I** 3 credits
Students will engage in exploration and practice of effective writing strategies. Will include teaching strategies demonstrations. Permission of Instructor only.

**LAE 5816 Trends in Lit Diverse Society** 3 credits
Nature, scope, and uses of literature for instructional, informational, and recreational purposes and implications of current theory, significant research, and issues in literature study as they relate to diverse learners.

**LAE 6301 Language Learning in Childhood** 3 credits
Research used to assess the language behavior of normal children and application of selected research methodology to understand linguistic behavior of children.

**LAE 6315 Teaching Writers and Writing** 3 credits
Methods of teaching writing as part of the language arts curriculum. Development of writing as a process and product instructional strategies, functions of writing, conventions of writing in the K-12 curriculum.

**LAE 6325 Lang Arts Meth: 6-12** 3 credits
Review of contemporary approaches to instruction in literature, language and language development, oral and written composition, corrective and developmental reading, and study skills. All components will be considered in the context of adolescent learning characteristics. Correlation of methods and materials with state and national curriculum standards and assessment procedures with special attention to Sunshine State and Goal Three Standards. Prerequisites:

**LAE 6326 Lang Arts Methods: High School** 3 credits
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 components will be considered in light of older adolescent learning characteristics.

Prerequisites:

**LAE 6337 Reading & Writ in Content Area** 3 credits
Integration of listening, speaking, reading and writing into content classrooms using language across the curriculum and reading in the content area methods to improve classroom learning across the disciplines. Correlation of methods and materials with state and national curriculum standards and assessment procedures with special attention to Sunshine State and Goal Three Standards.

**LAE 6339 Lang Arts Methods: High School** 3 credits
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 components will be considered in light of older adolescent learning characteristics.

Prerequisites:

**LAE 6415 Literature & the Learner** 3 credits
Nature, scope, and uses of literature for instructional, informational, and recreational purposes and implications of current theory, significant research, and issues in literature study as they relate to the learner.

Corequisites:

**LAE 6465 Adolescent Literature** 3 credits
Advanced study of the types of literature read by early adolescents and young adults. Emphasis on criteria for selection of literature, print and nonprint media for middle and high school teaching.

**LAE 6616 Trends in Lang Arts Instruct** 3 credits
Significant concepts, emerging trends, research, and instructional techniques for implementation and utilization of language arts in all areas of the curriculum.

**LAE 6790 Capstone Seminar: Eng Ed** 1 to 3 credits
Candidates will design a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student’s concentration. Students may register for up to 2 additional hours in subsequent semesters. Prerequisites: Permission of instructor.

**LAE 6792 NWP Teacher Researcher** 3 credits
This course is designed to help teachers examine classroom research methods and trends, and to support teachers as they design a study to conduct in their classrooms. Permission of instructor only.

**LAE 6923 Writing Workshop II** 3 credits
For teachers who have been accepted as Summer Teacher Consultant in the National Writing Project at Florida Gulf Coast University. Permission of Instructor only.

**LAE 6945 Internship in English, 6-12** 6 credits
The M.A.T. program internship secondary education is to enhance the teaching experience by creating situations in which the intern will integrate theoretical knowledge from previous education courses with the classroom experience to demonstrate behaviors specified in the Educator Accomplished Practices and the Florida Performance Measurement System. Admission to the MAT program or permission of instructor required.

**LAE 3130 Colonial Latin America** 3 credits
Examines the indigenous populations of The Americas and the creation of Spanish and Portuguese colonial empires in this region from the late 15th century through the rise of independent states (1830s). Discusses pre-Columbian cultural forms and their impact on the blending of cultures in The Americas.

**LAH 3200 Modern Latin America** 3 credits
Examines the development of The Americas since the rise of independent states in the early 19th century through the 20th century. Special attention is given to the cross-cultural character of the region and the placing of Latin American works of art and literature into a cultural context.

**LAH 3300 The Americas** 3 credits
Historical perspective of the diverse region known as The Americas (33 sovereign nations). Emphasis on the nature and development of U.S. relations with its hemispheric neighbors and the recent massive influx of these people into the U.S. by concentrating on contemporary key issues and events.

**LAH 3430 History of Mexico** 3 credits
Survey of Mexican history from Pre-Columbian time to the present, with emphasis on the rich cultural heritage of its people and the economic, social, political, and religious forces that have shaped its history.

**LAH 3470 History of the Caribbean** 3 credits
Survey of the thematic factors that have shaped life in the Caribbean region from pre-Columbian time to the present. Particular concern will be given to the racial and ethnic concerns that have affected the identities of various peoples of this distinct region of Latin America.

**LAH 3724 Race in Latin America** 3 credits
An in-depth examination of the roles race and ethnicity have played in the formation of modern Latin American societies, in particular their intersection with ideas of nation, class and gender, from the colonial period to the present.

**LAH 3732 Popular Culture Latin America** 3 credits
An exploration of the role of popular culture in Latin American and Caribbean history. Themes discussed will include food, sport, carnival, music, dance, poetry and religious worship and iconography and their incorporation into national, racial and gendered identities throughout the region.

**LAH 6137 Colonial Latin America** 3 credits
The history of Latin America from the rise of the Inca and Aztec Empires in the 15th century to independence. Deals with the cultural, demographic and material impact of conquest, and the economic, social and political dynamics of colonial society.

**LAH 6306 Modern Latin America** 3 credits
The history of Latin America from independence to the present. Deals in depth with post-colonial political, social, economic, racial and religious tensions and struggles in Mexico, Central America, the Andes and the Southern Cone.

**LAH 6439 History of Mexico** 3 credits
The history of Mexico from the 14th century to the present. Deals in depth with the development of pre-Columbian civilizations, the Spanish conquest, the establishment and maturation of colonial society, independence and the Mexican Revolution.

**LAH 6475 Caribbean History** 3 credits
The history of the Caribbean from the 16th century to the present. Deals in depth with European colonialism, slavery and abolition, struggles for independence and sovereignty,
Course Descriptions

LEI 4718 Assessment & Documentation TR 3 credits
Prerequisites: LEI 4713

LEI 4719 Seminar Lat Am Hist 3 credits
Prerequisites: LEI 3703

LAS 2000 Intro. to Latin Amer. Studies 3 credits
Prerequisites: LEI 3703

LAS 3004 The Americas-Lat Amer & Carib 3 credits
This is a telecourse designed to introduce the complexities of Latin American and the Caribbean to students. Through an interdisciplinary approach to analysis, the course examines the cultural, historical, social, political and economic dynamics of the region.

LAS 3007 Latin American Environments 3 credits
The natural environments of Latin America and critical environmental issues are examined within their ecological, cultural, economic, and historical contexts. Multiple sources of information including scientific data and artistic impression are utilized.

LAS 3022 Caribbean Environments 3 credits
The natural environments of the Caribbean Basin and critical environmental issues are examined within their ecological, cultural, economic, and historical contexts. Multiple sources of information including scientific data and artistic impression are utilized.

LAS 4932 Selc Topic in Caribbean Studies 3 credits
Selected issues, scholarly works, themes or movements relating to some aspect of Caribbean culture and society.

LEI 3703 Foundations of Therapeutic Rec 3 credits
An overview of therapeutic recreation and its concepts, practices, and service models and settings. Permission of the instructor is required.

LEI 4706 Conceptual Issues in TR 3 credits
Professional issues, accreditation, certification, third party reimbursement, and ethical concerns of the recreation therapist in practice.

LEI 4709 Facilitation Techniques in TR 3 credits
Prerequisites: LEI 4713

LEI 4711 Program Devt & Eval. in TR 3 credits
Study of systematic program design and evaluation techniques for recreation therapy specialists.

LEI 4713 Principles and Practices in TR 3 credits
Basic concepts, methods, processes, and techniques associated with practice of therapeutic recreation in settings offering medical, rehabilitation, and long term care services.

LEI 4718 Assessment & Documentation TR 3 credits
Study and implementation of Therapeutic Recreation assessment and documentation techniques in a variety of health care settings.

LEI 4905 Directed Study in TR 1 to 6 credits
Supervised study of a therapeutic recreation topic. Content is selected by students in conjunction with their course director.

LEI 4930 Topics in TR 1 to 6 credits
Current concept, selected problem, or issue in therapeutic recreation is examined. The topic covered varies according to recent developments in therapeutic recreation. The course may be repeated for different topic areas.

LEI 4940 RT Clinical 1 to 3 credits
The professional eligibility requirements for the Equivalency Path B to professional certification allows for completion of therapeutic recreation coursework along with one year of full-time paid work experience with clinical supervision by a certified therapeutic recreation specialist (CTRS). This course will provide clinical supervision for recreational therapy by a certified therapist.

LIN 3010 Introduction to Linguistics 3 credits
An introduction to the methods and findings of the core areas of linguistic research; pronouncing, word formation, grammar, and dialog; and also to selected broader concerns, such as dialects, language learning, or computer language processing.

LIN 4671 Traditional English Grammar 3 credits
Detailed analysis of the parts of speech, verb tenses, sentence functions, and other basic grammatical classifications of traditional English Grammar.

LIN 4680 Structure of American English 3 credits
Survey of traditional, structural, and generative transformational grammars and their techniques for the analysis and description of linguistic structure in general, and contemporary American English in particular.

LIN 5010 Applied Linguistics & 2nd Lang 3 credits
Examination of the role of the brain in language learning, the nature of both first and second language acquisition, and the application of new knowledge generated by the research community to our work as language teaching professionals when working with English language learners (ELL).

LIT 2000 Introduction to Literature 3 credits
Survey of a variety of literary modes and genres from different cultures and time periods. At least 6,000 words of graded written work are required (Gordon Rule).

LIT 2110 Intro to World Lit & Culture I 3 credits
Survey of World Literature from Ancient and Classical times through the Renaissance. Centers on both canonical and marginal texts in their cultural and historical contexts.

LIT 2120 Intro to World Lit & Cultur II 3 credits
Survey of World Literature from the seventeenth century to
the present. Centers on both canonical and marginal texts in their cultural and historical contexts.

Prerequisites:

LIT 3144 Modern European Novel 3 credits Readings course on the Modern European Novel in translation as it developed from the nineteenth century to WW II.

LIT 3301 Cultural Studies/Popular Arts 3 credits Twentieth-century popular culture as represented in film, fiction, music, and television.

LIT 3400 Interdisciplinary Topics 3 credits Interdisciplinary readings course on the relationship between literature and the other creative arts, the other humanistic disciplines, and/or the sciences and technology.

LIT 3662 Lit of Conquest & Exploration 3 credits This readings course examines journals, letters, narratives, memoirs which document early European contact with the landscape and inhabitants of the Americas. Students focus on texts that predate the English settlements to consider such diverse figures as Columbus, Cabeza de Vaca, de Champlain, and Menendez de Aviles.

LIT 4061 Comparative Literature 3 credits A comparison of literary works, themes, or practices from more than one culture or region. This comparison may be made in the framework of a literary genre, a period in literary history, or dominant themes and motifs. Individual instructors may choose to integrate literary production with other cross-cultural phenomena, such as historical changes and social movements as expressed through narratives in various contexts.

LIT 4093 Contemporary Literature 3 credits Seminar centering on examination of a variety of international literary works written after 1945 in their social, cultural, and political contexts.

LIT 4213 Literary Theory 3 credits This is a seminar in literary criticism from Aristotle to the present. The course focuses on the relationship between literary theory and “real life” politics, philosophy, religious studies, and assumptions about nature of “knowledge.”

LIT 4353 Ethnic Studies 3 credits Seminar examining the political, cultural, and social significance of ethnic identity within a variety of contexts. Focus on problematical and relative nature of the term “ethnic” to consider variable topics and issues.

LIT 4404 Interdisciplinary Literature 3 credits Seminar examining the literature of a specific discipline or across disciplines.

LIT 4411 Environmental Philosophy 3 credits Seminar on literature concerned with a philosophical approach to exploring the natural environment.

LIT 4434 Environmental Literature 3 credits Seminar on literature concerned with the natural environment.

LIT 4493 Politics and Literature 3 credits Examining the relationship between literature and politics within a variety of historical and geographical contexts.

LIT 4853 Topics in Cultural Critique 3 credits Seminar examining critical perspectives offered and applied in literary, film, media, and culture criticism.

LIT 4930 Sel Topics in Lit Studies 3 credits Topics of special or current interest. May be repeated with different topics and permission of the chair of the Division of Humanities and the Arts.

LIT 4932 ST: Literature & Humanities 3 credits Examines topics in the study of literature as they relate to the humanities at large or other disciplines in the humanities. Topics vary. May be repeated once for credit. Prerequisites: ENC 1101 and ENC 1102

LIT 6066 Studies in Comparative Lit. 3 credits A examination of literary and non-literary texts from throughout the world with a focus on the comparative impact of culture. Specific topics and texts will vary each semester.

LIT 6096 Contemporary Literature 3 credits An examination of post-WWII literature and culture.

LIT 6406 Interdisciplinary Literature 3 credits An examination of the interrelationships between literature and other disciplines or fields.

LIT 6436 Environmental Literature 3 credits Explores the philosophical foundations of environmental attitudes through the study of British and U.S. literature.

LIT 6806 Literature as Cultural Study 3 credits An examination of culture and its products through a variety of theoretical perspectives.

LIT 6910 Directed Research 3 credits Supervised research in preparation for writing a thesis on a topic in interdisciplinary literature or multicultural literature. Approval of the coordinator of graduate studies required.

LIT 6930 Special Topics 3 credits Focused study of a specific topic or issue in literature and culture. Course may be repeated once with a change in content.

MA 101 Step Ahead Math Workshop 0 credits

MAA 2211 Vector Analysis 3 credits Differential and integral calculus of vector fields Topics include vector fields, total derivative of a vector field, Taylor series, linearization, curl and divergence, flows and the transport theorem, line and surface integrals, Gauss’ and Stokes’ theorems, differential forms, Navier-Stokes equations, applications to fluid flows. Prerequisites: MAS 3105 with a minimum grade of C

MAA 2226 Analysis I 3 credits Rigorous development of the key concepts and theorems of differential calculus. Topics include sequences, series, limits, continuity, differentiability, properties of derivatives, and uniform notions of convergence and continuity. Prerequisites: MAC 2313 with a minimum grade of C and MHF 2191 with a minimum grade of C

MAA 2227 Analysis II 3 credits Rigorous development of the key concepts and theorems of integral calculus. Topics include the Riemann integral and its properties, a restatement of the key concepts of real analysis in the context of metric spaces and function spaces, and an introduction to measure theory and the Lebesgue integral. Prerequisites: MAA 4226 with a minimum grade of C

MAA 4402 Complex Variables 3 credits Introduction to the general theory of functions of one com-
plex variable. Topics include algebra of complex numbers, analytic functions, Cauchy-Riemann equations, Taylor and Laurent series, line and contour integral, poles of functions, integration theorems, residues and the Residue Theorem, conformal mappings and Riemann surfaces, Riemann mapping theorem.

Prerequisites: MAC 2313 with a minimum grade of C and MAP 2302 with a minimum grade of C

MAC 1102 Algebra 3 credits

MAC 1105 College Algebra 3 credits

General course in techniques of algebraic representation and solution of problems. Topics will include review of properties of exponents and radicals, functions and functional notation, symbolic, graphical, and numerical representation of functions and equations, polynomial, exponential and logarithmic functions, systems of equations and inequalities, matrix representation of linear systems, matrix methods for solving systems of equations. *Meets Gordon Rule for Math

Prerequisites: MAT 1033 with a minimum grade of C or STA 2023 with a minimum grade of C or SAT Math Score with a minimum score of 550 or ACT Math with a minimum score of 21 or Accuplacer Algebra Subscore with a minimum score of 090

Corequisites: MAC 1105L

MAC 1105L College Algebra - Lab 0 credits

Discussion and presentation of issues related to exponents and radicals, functions and functional notation, symbolic, graphical and numerical representation of functions and equations, polynomial, exponential and logarithmic functions, matrix representation of systems of linear equations and matrix methods for solving such systems.

Prerequisites: MAT 1033 with a minimum grade of C or STA 2023 with a minimum grade of C or SAT Math Score with a minimum score of 550 or ACT Math with a minimum score of 21 or Accuplacer Algebra Subscore with a minimum score of 090

Corequisites: MAC 1105

MAC 1147 Precalculus 4 credits

Survey of the basic properties of classes of functions commonly used in applications. Topics may include polynomial, trigonometric, exponential, logarithmic, conic sections, matrices, mathematical induction, and polar coordinates. *Meets Gordon Rule for Math

Prerequisites: MAC 1105 with a minimum grade of C or Accuplacer Coll. Math Subscore with a minimum score of 087

Corequisites: MAC 1147L

MAC 2157 Analytic Geom with Trig 3 credits

Trigonometry and analytic geometry, with applications. Topics include trigonometric functions, graphs of trig functions, identities, solving triangles, vectors, polar coordinates, conic sections, equations of conics, eccentricity and polar equations, parametric curves. This course is designed to meet teacher certification requirements for middle grades mathematics. *Meets Gordon Rule for Math

Prerequisites: MAC 1105 with a minimum grade of C or Accuplacer Coll. Math Subscore with a minimum score of 066

MAC 2233 Elementary Calculus 3 credits

Introduction to the techniques of calculus of primary use to business students. Topics include: differentiation and integration of algebraic functions with applications, exponential and logarithmic functions with applications to finance and economics. This course is NOT equivalent to MAC 2311.

Prerequisites: MAC 1105 with a minimum grade of C or Accuplacer Coll. Math Subscore with a minimum score of 066

Corequisites:
Prerequisites: MAC 2313 with a minimum grade of C

MAD 4504 Theory of Computation 3 credits
Mathematical principles of the theory of computation and computer science. Topics include finite and infinite state machines, regular expressions and their recognition automata, pushdown automata, Turing machines, grammars and parsing, recursive functions, decidability and unsolvability, halting problem. *Meets Gordon Rule for Math
Prerequisites: MHF 2191 with a minimum grade of C and MAD 3107 with a minimum grade of C

MAE 4152 Math Methods 6-12 3 credits
Instructional strategies and materials that are vital elements of the teacher’s knowledge base for making curricular decisions. Survey techniques and materials unique to math, grades 6-12.
Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C

MAE 4310 Math Content & Processes 3 credits
Philosophy, methods, and materials for teaching elementary school mathematics. Emphasis on the use of hands on learning approach using a constructivist approach.
Prerequisites: EDG 3201 with a minimum grade of C

MAE 4320 Teaching Math in Middle Grades 3 credits
Techniques and materials for instruction in middle grades mathematics. Familiarity with state curriculum standards. A school based practicum is required as part of this course.

MAE 4326 Teaching Elem School Math II 2 credits
Methods for teaching informal geometry, measurement, probability, and statistics.

MAE 4330 Teach Senior H.S. Mathematics 3 credits
Techniques and materials of instruction for senior high school mathematics. Applications of technology in mathematics. Familiarity with state curriculum standards. Students will complete 30-hour practicum experience as part of course requirements.

MAE 4551 Reading Language of Math 2 credits
Reading and writing issues in the teaching of mathematics. Strategies for assisting students who do not possess appropriate reading and writing skills to master mathematics content. Topics may include determining readability, adjusting curriculum, assessing skills, solving verbal problems.

MAE 4936 Senior Seminar in Math Ed 2 or 3 credits
Synthesis of teacher candidate's courses in complete college program.
Corequisites: MAE 4940

MAE 4940 Internship: Mathematics Educ. 9 credits
One full semester of internship in a public or private school. In special programs where the internship experience is distributed over two or more semesters, students will be registered for credit which accumulates for 9-12 semester hours. (S/U only)
Corequisites: MAE 4936

MAE 4942 Integr Field Experience: Math 3 credits
Semester long internship to observe and demonstrate effective teaching practices. Student will partially assume teacher role in selected schools. Student will be in 2-3 settings for a total of 12 weeks. Part of the course experience will be a 2 week experience teaching second language learners.
Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C and RED 4350 with a minimum grade of C and MAE 4152 with a minimum grade of C

MAE 6115 CurrTrends in Elem Math Educ 3 credits
Philosophy, content, and process of mathematics education in elementary school programs.
Prerequisites:

MAE 6332 Math Methods: High School 3 credits
Methods of teaching mathematics in grades 9-12. Admission to the MAT program or permission of instructor required.

MAE 6336 Math Med: 6-12 3 credits
Methods of teaching mathematics middle school and senior high school, addressing strategies for teaching adolescents, curriculum adaptation for special needs students, adaptations for LEP learners, and current literature for teaching mathematics. Special emphasis on real world applications, state and national standards.

MAN 2062 Ethical Issues 3 credits
Study of the fundamentals of moral reasoning in a business context designed for business and non-business majors. Focus will be placed on the basic conceptual tools for ethical decision-making, recognition of situations which call for ethical decision-making, commonly used ethical theories and second level principles, and use of a decision procedure for applying ethical theories and principles in practical situations.

MAN 2931 Special Topics/Seminars 1 to 3 credits
Topics of interest to faculty and students.

MAN 3025 Contemporary Mgt Concepts 3 credits
Fundamentals of effective management from an organizational behavior perspective. Emphasis on tools and skills for understanding contemporary business activity in such areas as decision-making, planning, organizing, communicating, staffing, and controlling. Examines the role leadership plays in these areas. (Junior standing required)

MAN 3063 Organizational Ethics & Values 3 credits
Roles of personal, organizational, and societal values and ethics in society. Topics include exploration of individual ethics, values and goals, the study of ethical behavior within organizations, as it influences people, products, and the work environment; the exploration of the values, ethics, and beliefs upon which the free market system of production and exchange is built; and the exploration of individual roles as well as the appropriate roles of organizations and government in society.

MAN 3103 Foundations of Entrepreneurship 3 credits
Provides a broad overview of the principles, theories, and practice of entrepreneurship, together with an understanding of the key tasks, skills, and attitudes required. Opportunity recognition and evaluation is emphasized.
Prerequisites: MAN 3025
MAN 3301 Human Resource Management 3 credits
Provides a broad exposure to the policies, functions (such as recruitment, selection, compensation, evaluation, and development), and current issues involved in managing a firm’s employees. The strategic role of HRM will be emphasized. Prerequisites: MAN 3025

MAN 3320 Employee Staffing 3 credits
Provides students with a detailed overview of the staffing activities performed by organizations. Examines selection from the process of determining what type of employees are needed by the organization, when they are needed, generating a pool of qualified candidates, selecting the "best" candidate, to making a successful offer. Also includes evaluation of an organization’s staffing policies and practices. Prerequisites: MAN 3301

MAN 3322 Human Resource Info Systems 3 credits
Provides a broad overview of the importance and uses of HRIS in organizations to enable managers to make better use of human resources. Also provide a practical working knowledge of the use of HRIS for HR database planning, development, implementation, and evaluation. Prerequisites: MAN 3301 and ISM 3011

MAN 3350 Training & Development 3 credits
Provides the knowledge, skills, and ability for students to develop programs that train and develop employees to deal with global, technological, quality, and leadership challenges. Topics include assessing organizational training needs, clarifying training objectives, selecting or developing training programs, and evaluating the outcomes of these programs. Focus will be on both current skills training and the development of employees for an ongoing role within the organization. Prerequisites: MAN 3301

MAN 3401 Labor-Management Relations 3 credits
A study of the historical, legal, social, and economic framework of both private and public sector labor relations in the U.S. The respective philosophy, objectives and strategies of unions and management are examined, as is the key role of Federal agencies such as the National Labor Relations Board and the Federal Mediation and Conciliation Service. Prerequisites: MAN 3301

MAN 3441 Conflict Management 3 credits
An introduction to various forms of interpersonal, intra-group, and inter-group conflict, and explores the causes of conflicts and techniques and skills for managing conflict. Topics include the principles and strategies of successful negotiation and positive conflict management processes, such as active listening, communication skills, integrative and distributive bargaining, role of third-party neutrals to help resolve conflict, and principled negotiation, mediation, and arbitration. Prerequisites: MAN 3305

MAN 3504 Operations Management 3 credits
Introduction to the management systems applications, and quantitative principles and techniques for effective planning and utilization of resources in the operation of manufacturing, research, and service activities. Junior Standing Required. Prerequisites: STA 2023 with a minimum grade of C and ACG 2071 with a minimum grade of C

MAN 3520 Total Quality Management 3 credits
Introduces students to the philosophy, techniques, and application of implementing and assessing quality in organizations. Provides students with a basic understanding of the various methods by which quality can be monitored, assessed, improved, and administered to achieve continuous process improvements and customer satisfaction. Topics include the importance of interdisciplinary teams, benchmarking, and statistical process control. Prerequisites: MAN 3504

MAN 3803 Management of Small Business 3 credits
Introduces students to the practical realities, transition points, issues, and dilemmas facing small to mid-sized businesses. Focuses on leadership, management, and decision-making processes necessary for long-term health and success in the small business arena. Prerequisites: MAN 3025

MAN 4120 Leadership & Group Dynamics 3 credits
Group theory, concepts, research, and application principles. Development of communication skills necessary to lead and work effectively in groups. Classes utilize group exercises and experiential learning. Prerequisites: MAN 3025

MAN 4280 Org Development & Change 3 credits
Studies organization development as a process of planned change to improve an organization’s problem-solving skills and its overall effectiveness within a changing and complex environment, including behavioral effects of power and authority, formal organizations, structural variation, leadership, motivation, and organizational change. Prerequisites: MAN 3025

MAN 4330 Management of Compensation 3 credits
Study of the evolution of innovative compensation policies aimed at aligning individual and organizational performance with competitive business strategies in domestic and global markets. Relevant labor market pay practices and government policies such as ERISA and COBRA are examined. Internal organization pay policies, ESOPs, pay for performance incentive systems, and various indirect compensation benefits are covered. Prerequisites: MAN 3301

MAN 4402 Employment Laws & Regs 3 credits
Focuses on federal and state laws and regulations that govern employees in the workplace. Topics and issues discussed include managing workforce diversity, EEO and immigration laws, employee job rights, occupational safety, health and worker’s compensation, employee drug testing, right to privacy, labor laws, and fair labor standards. Prerequisites: MAN 3301

MAN 4530 Management of Technology 3 credits
The changing technical environment confronting managers in corporate and nonprofit organizations. Focus on integration and the management of new technical areas including flexible manufacturing systems, new product development, computer networks, and quality control issues. Prerequisites: MAN 3025 and MAN 3504

MAN 4600 International Mgt and Culture 3 credits
A study of international management practices. Topics include an introduction to international management and the multinational enterprise, the cultural environment of international management, planning in an international setting, organizing for international operations, directing international operations, international staffing, and the control process in an international context. Prerequisites: MAN 3025

MAN 4625 Global Human Resource Mgt 3 credits
Provides an introductory knowledge and skill base in aspects of global human resource management to assist with the effective management of people in international settings. Focus given to preparing employees for international assignments,
MAN 4802 Business Plan Development 3 credits
Hands-on business planning experience, with orientation to computer research resources and business planning software packages. Students develop business plans for an independent startup or acquisition, resulting in professional quality written business plans and oral business plan presentations.
Prerequisites: MAN 3103

MAN 4804 Entrepreneurial Field Studies 3 credits
Application of business and entrepreneurial concepts to field experiences through implementation of a student-designed business plan or collaboration with an entrepreneur on a specific, mutually agreed upon project.
Prerequisites: MAN 3103

MAN 4905 Independent Study in Mgt 3 credits
Specialized independent study by students working one-on-one with a faculty member. Topics vary and are usually determined by the student’s and faculty member’s needs and interests. (Senior standing and permission of department required.)
Prerequisites: MAN 3025

MAN 4930 Seminar in Management 1 to 3 credits
Exploration of specialized topics in management selected by instructor and department chair.

MAN 4933 Special Topics in OM 1 to 3 credits
Exploration of specialized topics in operations management selected by faculty. Prerequisites will vary by topic.

MAN 4941 Management Internship 3 credits
Opportunity to enhance and apply management skills and knowledge to a relevant profit or nonprofit organization to facilitate career planning and development. (Permission of department required) (S/U only)

MAN 5525 Total Quality Management 3 credits
A study of the total quality approach to management and its applications. The course focuses upon the goal of achieving customer satisfaction through the empowerment of employees to make continuous improvements in the organizational processes. Topics also include philosophies of total quality, the importance of interdisciplinary teams, benchmarking, and statistical process control.
Prerequisites: MAN 6501

MAN 5537 Management of Technology 3 credits
The changing technical environment confronting managers in corporate and nonprofit organizations. Focuses on the integration and management of new technical areas, including flexible manufacturing systems, new product development, computer networks, and quality control issues.
Prerequisites: MAN 6055 and MAN 6501

MAN 6055 Contemporary Mgt Concepts 3 credits
Fundamentals of effective management from an organizational behavior perspective. Emphasis on tools and skills for understanding contemporary business activity in such areas as decision-making, planning, organizing, communicating, staffing, and controlling. The role leadership plays in these areas will be examined. These concepts are applied to business, government, and not-for-profit organizations.

MAN 6149 Leadership & Group Dynamics 3 credits
Group theory, concepts, research, and application principles.

Development of communication skills necessary to lead and work effectively in groups. Classes utilize group exercises and experiential learning.
Prerequisites: MAN 6055

MAN 6266 The Challenge of Leadership 3 credits
Engages students in a variety of activities designed to enhance their understanding of the challenges which confront today’s business professionals. In addition to specific skill development in the areas of problem-solving, written and oral communications, leading teams, and goal setting, it will include models for examining personal career paths, ethical decision-making, and the role of organizational change-agents.

MAN 6289 Org Development & Change 3 credits
Studies organization development as a process of planned change to improve an organization’s problem-solving skills and its overall effectiveness within a changing and complex environment, including behavioral effects of power and authority, formal organizations, structural variation, leadership, motivation, and organizational change.
Prerequisites: MAN 6055

MAN 6305 Human Resource Management 3 credits
Provides a broad exposure to the policies, functions (such as recruitment, selection, compensation, evaluation, and development), and current issues involved in managing a firm’s employees. The strategic role of HRM will be emphasized.
Prerequisites: MAN 6055

MAN 6321 Employee Staffing 3 credits
Provides students with a detailed overview of the staffing activities performed by organizations. Examines selection from the process of determining what type of employees are needed by the organization, when they are needed, generating a pool of qualified candidates, selecting the “best” candidate, to making a successful offer. Also includes evaluation of an organization’s staffing policies and practices.
Prerequisites: MAN 6305

MAN 6331 Management of Compensation 3 credits
The evolution of innovative compensation policies aimed at aligning individual and organizational performance with competitive business strategies in domestic and global markets. Relevant labor market pay practices and government policies such as ERISA and COBRA, are examined. Internal organization pay policies, ESOP’s, pay-for-performance incentive systems, and various indirect compensation benefits are covered.
Prerequisites: MAN 6305

MAN 6351 Training & Development 3 credits
Provides the knowledge, skills, and ability for students to develop programs that train and develop employees to deal with global, technological, quality, and leadership challenges. Topics include assessing organizational training needs, clarifying training objectives, selecting or developing training programs, and evaluating the outcomes of these programs. Focus will be on both current skills training and the development of employees for an on-going role within an organization.
Prerequisites: MAN 6305

MAN 6403 Employment Laws & Regulations 3 credits
Focuses on the federal and state laws and regulations that govern employees in the workplace. The issues and topics discussed include managing workforce diversity, EEO and immigration laws, employee job rights, occupational safety, health and worker’s compensation, employee drug testing, right to privacy, labor laws, and fair labor standards.
Prerequisites: MAN 6305
MAN 6411 Labor-Management Relations 3 credits
A study of the historical, legal, social, and economic framework of both private and public sector labor relations in the US. The respective philosophy, objectives, and strategies for unions and management are examined, as is the key role of Federal agencies such as the National Labor Relations Board and the Federal Mediation and Conciliation Service. Prerequisites: MAN 6305

MAN 6448 Conflict Management 3 credits
The causes of various forms of interpersonal, intra-group conflict and how to effectively manage conflict are the principle focus of this course. Topics may include stakeholder analysis, political processes and power within the organization, competitive rivalry in domestic and global market places, integrative and distributive bargaining, and the role of third-party neutrals in helping to resolve disputes. Prerequisites: MAN 6055

MAN 6501 Operations Management 3 credits
Introduction to the fundamental concepts, processes and institutions involved in the production of goods and services required by modern society. Prerequisites: QMB 6305

MAN 6601 International Management 3 credits
A study of characteristics of the international and multinational company, environmental constraints, human resources and labor relations factors, and strategic planning and policies from an international perspective. Prerequisites: MAN 6055

MAN 6605 Management of Small Business 3 credits
Introduces students to the practical realities, transition points, issues, and dilemmas facing small to mid-sized businesses. Focuses on leadership, management, and decision-making processes necessary for long-term health and success in the small business arena. Prerequisites: MAN 6055

MAN 6805 Management of Small Business 3 credits
Introduces students to the practical realities, transition points, issues, and dilemmas facing small to mid-sized businesses. Focuses on leadership, management, and decision-making processes necessary for long-term health and success in the small business arena. Prerequisites: MAN 6055

MAN 6806 Entrepreneurial Field Studies 3 credits
A practical, experiential course that provides students opportunities to work in the field. Students apply concepts mastered in previous business and entrepreneurship courses either by implementing their own business plan or by working with an entrepreneur on a specific, mutually agreed upon project. Projects include analyzing problem areas and making recommendations for improvement, preparing pre-business feasibility studies, and creating comprehensive business plans. Prerequisites: MAN 6055 and FIN 5405 and MAR 6815

MAP 3161 Math for Science & Engineering 4 credits
Introduction to mathematical statistics covering the main ideas and key theorems. Topics include enumeration, axiomatic development of probability theory, random variables, differential and cumulative probability distributions, moment generating functions, transformations of random variables, approximations to the binomial distribution, the Central Limit Theorem, hypothesis testing, point and interval estimation, and regression analysis. *Meets Gordon Rule for Math Prerequisites: MAC 2313 with a minimum grade of C and (MAP 2302 with a minimum grade of C or MAS 2121 with a minimum grade of C )

MAP 3162 Probability & Statistics 4 credits
Applications oriented development of vector and introductory tensor calculus, variational calculus, Laplace transforms, Fourier series and Fourier transforms. *Meets Gordon Rule for Math Prerequisites: MAC 2313 with a minimum grade of C and (MAP 2302 with a minimum grade of C or MAS 2121 with a minimum grade of C )

MAP 4231 Operations Research II 3 credits
Linear programming, linear program models of problems, integer programming, branch and bound methods, queuing, CPM and PERT, network flows, duality theory, introduction to game theory. *Meets Gordon Rule for Math Prerequisites: MAP 3163 with a minimum grade of C
MAP 4314 Dynamical Systems 3 credits
Topics include discrete dynamical systems: fixed points and stability, bifurcations, classification of equilibria, self-similarity, fractals. Continuous dynamical systems: kneading, bifurcations, attractors, limit cycles and their classification, chaotic behavior. *Meets Gordon Rule for Math
Prerequisites: MAP 3161 with a minimum grade of C

MAP 4341 Partial Differential Equations 3 credits
Elements of the classical theory of partial differential equations. Topics include classification of PDEs and boundary value problems, Fourier series and transform, separation of variables, Fourier series solution of wave and heat equations, d'Alembert's solution and change of variables, transform methods, applications. *Meets Gordon Rule for Math
Prerequisites: MAP 3161 with a minimum grade of C

MAR 3023 Introduction to Marketing 3 credits
The study of the nature of marketing systems and the marketing function within organizations. Emphasis on the identification and satisfaction of consumer needs in a dynamic market environment including focus on the marketing mix, marketing institutions, and marketing decision making environments. (Junior standing required)

MAR 3235 Interactive Marketing 3 credits
Study of the convergent use of traditional and alternative direct response marketing strategies and techniques in retail and business-to-business settings using all media. Emphasis on list selection, testing and management; segmentation, positioning and offer planning; offer execution and fulfillment; and measure response/ profitability. Prerequisites: MAR 3023

MAR 3400 Professional Selling 3 credits
In-depth, experiential study of the entire relationship selling process in consumer and business-to-business selling environments, from prospecting to follow-up, using problem-solving selling strategies, practices and techniques. (Junior standing required).
Prerequisites:

MAR 3503 Consumer Behavior 3 credits
Study of the decision processes of individuals and groups toward consumer products and the implications of these processes for marketers. Emphasis on both individual, group, and external determinants of consumer attitude and behavior.
Prerequisites: MAR 3023

MAR 3613 Marketing Research 3 credits
User-oriented analysis of the marketing research process, including problem definition, proposal preparation, research design, sampling methods, data collection, data analysis, interpretation and presentation of findings.
Prerequisites: MAR 3023

MAR 4156 Global Marketing 3 credits
The application of marketing theories, principles and practices to the identification and satisfaction of the needs of consumers located in global communities. Focus on cross-cultural consumer behavior and communication, and legal processes.
Prerequisites: MAR 3023

MAR 4203 Supply Chain Marketing 3 credits
The management of traditional and emerging marketing channels emphasizing legal, economic, and ethical considerations in wholesale and retail inventory control, raw goods and finished product transportation, E-tailing, and relationship management.
Prerequisites: MAR 3023

MAR 4232 Retail Management 3 credits
A study of retailing structures, institutions, environments, and operations, including planning, merchandising and inventory management, product displays and promotions, store layouts and site selection, and the integration of E-tailing.
Prerequisites: MAR 3023

MAR 4310 Public Relations Management 3 credits
Managing relationships of firms/organizations with its customers and non-customer publics, the media, community, government, investors, intermediaries, and employees. Topics include ethics, public opinion, publicity, event planning, primary/secondary research, communication, writing for the media, and managing media relations.
Prerequisites: ADV 3000 or MAR 3023

MAR 4333 Integrated Mkt. Communications 3 credits
Team-oriented approach examines problems of developing a persuasive marketing strategy, promotional objectives, strategies and executions, including advertising, public relations, personal selling, sales promotion, direct marketing, and corporate communications. AAF/NSAC case study.
Prerequisites: ADV 3001 with a minimum grade of C or ADV 3101 with a minimum grade of C or ADV 3300 with a minimum grade of C

MAR 4403 Sales Force Management 3 credits
Contemporary sales force management. Emphasis on sales force strategies, sales management responsibilities and skills including recruiting, selection and training issues, motivational factors, and determinants of sales force performance.
Prerequisites: MAR 3023 and MAR 3400

MAR 4645 Marketing Technology 3 credits
In-depth study of the strategic and ethical use of databases and web-enabled technologies. Emphasis on offline/online marketing communications and applications that build and maintain customer, vendor and supplier relationships.
Prerequisites: MAR 3023 and ISM 3011

MAR 4713 Hospitality/Tourism Marketing 3 credits
Focuses on marketing management tools and analysis for the hospitality services and tourism industries with an emphasis on strategic market research, planning, development, and evaluation.
Prerequisites: MAR 3023

MAR 4804 Market Strategy 3 credits
A capstone marketing course that utilizes case studies to simulate real-world business situations. The analyses provide guidance to students in developing analytical, decision-making and presentation skills.
Prerequisites: MAR 3503 and MAR 3613

MAR 4841 Services Marketing 3 credits
The selection, development, execution, and measurement of marketing strategies in service organizations, including the strategic and tactical differences in the marketing of services from those methods used in traditional product marketing.
Prerequisites: MAR 3023

MAR 4905 Independent Study in Mkt 1 to 3 credits
Individual study and research with faculty direction and supervision. (Permissions of instructor and department required)
Prerequisites: MAR 3023

MAR 4930 Special Topics in Marketing 3 credits
Study of special, current, or emerging topics in marketing. Prerequisites: MAR 3023 with a minimum grade of C

MAR 4944 Internship in Marketing 3 credits Supervised work experiences in a marketing related capacity with profit or non-profit organizations. Individual work must meet the College of Business and the Department of Marketing requirements to earn course credit. (Junior/Senior standing and permission of department required) (S/U only) Prerequisites: MAR 3023

MAR 6158 International Marketing 3 credits An advanced study of the process and problems associated with establishing and maintaining global marketing operations. Analytical tools available to global marketing managers will be emphasized to assess competitive alternatives to include justification of international trade, and the formulation of global marketing strategies. Cross-cultural, legal, political, ethical and environmental factors are introduced to enhance global marketing decision-making. Prerequisites: MAR 6815

MAR 6216 Marketing Logistics 3 credits Advanced study of the logistical process and its impact on business strategy. Application of quantitative methods of involving the handling and storage of raw materials and finished goods. Attention is given to the dynamic interrelationships among the functional areas of business as they impact the flow of materials from producer to consumer. Issues are addressed relating to wholesale and retail inventory, warehousing, packaging, transportation and information processing techniques useful in establishing customer service levels. Prerequisites: MAR 6815

MAR 6336 Marketing Communications Mgt 3 credits Case study approach to understanding the role of promotion strategy in brand management and corporate communications, with a focus on research and evaluation and communications strategy development in a global environment. Prerequisites: MAR 6815

MAR 6646 Advanced Marketing Research 3 credits A study of the relationship between research methods and information systems in the context of marketing decision-making. Emphasis is placed on understanding the limits of research, and the managerial use of information. Advanced methods and techniques applicable to marketing problem-solving will include formulating marketing research issues, research design, data sources, data collection procedures, statistical analysis of qualitative and quantitative data, and report presentation. Attention is also given to defining information needs, determining the value of information for business decision-making, and social/ethical issues of marketing research. Prerequisites: MAR 6815 and QMB 6305 and ISM 6021

MAR 6726 Marketing on the Internet 3 credits Advanced analysis of the strategic and ethical use of the Internet for marketing communications and strategy in domestic and global entities. Topics center on using the Internet to maximize marketing promotions and customer experiences at all customer contact points. Prerequisites: MAR 6815

MAR 6807 Adv Market Analysis & Strategy 3 credits Advanced concepts and analysis with a strategic focus on developing marketing plans and programs for business and non-business opportunities while emphasizing applied marketing theories, technological tools, and decision-making processes. Prerequisites: MAR 6815

MAR 6815 Marketing Management 3 credits Explores managerial aspects of the marketing of goods and services in a global economy. Analysis of operational and strategic planning problems confronting marketing managers. Topics include consumer behavior, target market identification and selection, product development and commercialization, pricing, distribution. Introduces emerging marketing technologies, and reinforces the importance of ethics and social responsibility in the orderly operation of the marketing system. Prerequisites: MAR 6815

MAR 6849 Services Marketing 3 credits Focus on understanding the differences between the marketing of tangible and intangible products from both the consumer and provider perspective. Strategies and tactics useful in enhancing service firm competitiveness will be studied. Prerequisites: MAR 6815

MAR 6904 Marketing Internship 3 credits Experiential learning exercise that will enable students to apply marketing theory to real world situations. Student will gain marketing related knowledge and practical experience in a profit or not-for-profit organization. S/U only. (Permission of department required) Prerequisites: MAR 6815

MAR 6907 Independent Study in Mkt 1 to 3 credits Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required) Prerequisites: MAR 6815

MAR 6936 Special Topics in Marketing 3 credits A comprehensive survey of selected contemporary issues and topics in marketing at the graduate level. Individual investigation and reporting emphasized in seminar fashion. Prerequisites: MAR 6815

MAS 2121 Linear Ops & Diff Equations 4 credits Elements of linear algebra and linear differential equations. Topics include matrices and matrix operations, Gaussian elimination and LU factorization, determinants, vector spaces, basis, independence, orthogonality and Gram-Schmidt process, linear transformations and matrices, differential operators, eigenvalues and eigenvectors, diagonalization, Markov chains, systems of differential equations, matrix methods for systems of DE, Runge-Kutta methods, Laplace transform. Prerequisites: MAC 2312 with a minimum grade of C

MAS 3105 Linear Algebra 3 credits Introduction to the basic concepts and theorems of linear algebra. Topics include matrices and determinants, matrix operations and canonical factorizations, Gauss-Jordan elimination, vector spaces, linear transformations, basis, independence, orthogonality, eigenvalues and eigenvectors, similarity, diagonalization, and an introduction to Markov chains. *Meets Gordon Rule for Math Prerequisites: MAC 2313 with a minimum grade of C

MAS 4106 Matrix Analysis 3 credits Topics include exponential matrices, unitary and positive-definite matrices, QR, polar, and singular value decompositions, matrix norms, perturbation methods for eigenvalues, numerical methods for matrix equations (with error analysis), weighted least squares, Kalman filtering, introduction to Hilbert space. *Meets Gordon Rule for Math Prerequisites: MHF 2191 with a minimum grade of C and MAS 3105 with a minimum grade of C

MAS 4214 Elementary Number Theory 3 credits Basic principles of algebraic number theory. Topics include...
divisibility and residues, congruences, primes, pseudoprimes and primality tests, systems of congruences and Chinese remaindering, multiplicative functions, continued fractions. *Meets Gordon Rule for Math
Prerequisites: MHF 2191 with a minimum grade of C

MAS 4301 Abstract Algebra I 3 credits
Introduction to fundamental concepts of modern algebra. Topics include group axioms, subgroups, Lagrange’s Theorem, homomorphism, quotient groups, permutation and symmetry groups, rings, integral domains and fields, rings of polynomials, field of quotients. *Meets Gordon Rule for Math
Prerequisites: MHF 2191 with a minimum grade of C

MAS 4302 Abstract Algebra II 3 credits
Continuation of MAS 4301. Topics include subgroups and Sylow theorems, homomorphisms and quotient groups, ideals in rings, principal ideal domains and Euclidean domains, quotient rings, fields and extension fields. Emphasis is on skills and topics needed for graduate study in mathematics. *Meets Gordon Rule for Math
Prerequisites: MAS 4301 with a minimum grade of C

MAS 4730 Computational Technology 2 credits
Training in formulating and solving problems with the aid of a computer algebra system. A wide-ranging selection of exercises will be addressed with Maple 10 or a similar system. *Meets Gordon Rule for Math
Prerequisites: MAC 2312 with a minimum grade of C

MAT 4906 Independent Study 1 to 4 credits
Individual study by a student under the direction of an instructor. Topics are selected on an individual basis, and cannot duplicate existing FGCU courses. Credit hours may vary. Students must obtain an access code from the instructor in order to register for the course.

MAT 4930 Special Topics 1 to 4 credits
Topics of current or special interest. Topics may vary according to interest and needs of instructor and students. Credit hours may vary. Prerequisites may vary depending on the content of the course; students must consult with instructor before registering.

MAT 4937 Senior Seminar 2 credits
Senior capstone course involving a variety of problem-solving activities and research projects to provide an integrative experience within the discipline. (Senior Standing)
Prerequisites:

MAT 4940 Internship 1 to 4 credits
MAT 4940 is a practical application of knowledge in an external setting. Credit hours may vary. Departmental approval required. Grading criteria to be jointly determined by supervising faculty member and supervisor at place of employment.

MAT 5932 Special Topics Math 1 to 3 credits
Topics of current or special interest. Topics may vary according to interests and needs of students. May be repeated for credit if topics are substantially different from prior offerings. Permission of instructor required to enroll.

MCB 2010C Microbiology with Lab 4 credits
Students study the biology of microorganisms. Structure, physiology and ecology of bacteria, algae, viruses, protozoa and lower fungi will be investigated. Prerequisites: BSC 1010C with a minimum grade of C Fee Required

MCB 3020C General Microbiology 4 credits
A study of the structure, function and genetics of microorganisms, their relationships in natural and controlled environments emphasizing pathogenic bacteria and their hosts. Laboratory includes isolation, identification and culture techniques of microorganisms and their properties. Prerequisites: CHM 2210C with a minimum grade of C and BSC 1010C with a minimum grade of C Fee Required

MCB 3652C Environmental Microbiology 3 credits
Interrelationships between the biological activities of microorganisms and their terrestrial and aquatic environments and the applied effects of microorganisms on the environment and on human activity, health, and welfare. Prerequisites: BSC 1010C with a minimum grade of C and CHM 1045C with a minimum grade of C or (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C ) Fee Required

MCB 4203C Pathogenic Microbiology 3 credits
Biologic basis of infectious disease associated with human microbial infections. Topics include host-parasite relationships, virulence mechanisms and antimicrobial agents. Laboratories cover methods of isolation, detection, enumeration and identification of human pathogenic microorganisms. Prerequisites: MCB 3020C or MCB 2010C Fee Required

MCB 4502 Virology 3 credits
Introduction to virology including nature, structure, replication of bacterial, animal, and plant viruses and subviral particles and the molecular aspects of the viral life cycle that give rise to transmission and pathogenic characteristics in the context of the co-evolution of the virus and host. Prerequisites: MCB 3020C with a minimum grade of C and PCB 3023C with a minimum grade of C

MCB 4507C Virology Mycology Parasitology 3 credits
Lecture and laboratory course highlighting medically important viruses, parasites and fungi. Topics include clinical presentation, mechanisms of infection, diagnostic techniques and treatment. Laboratory exercises emphasize culture and identification techniques used to investigate specific human pathogens. Prerequisites: MCB 3020C or MCB 2010C Fee Required

MGF 1106 Finite Mathematics 3 credits
A survey course of various topics in mathematics, intended for students pursuing a degree in a nonscientific field. Topics will come from the general areas of combinations, probability and statistics, history of mathematics, geometry, set theory, and logic.

Prerequisites: MAT 1033 with a minimum grade of C or SAT Math Score with a minimum score of 550 or ACT Math with a minimum score of 24 or Accuplacer Algebra Subscore with a minimum score of 090

MGF 1107 General Mathematics 3 credits
A survey course of various topics in mathematics, intended for students pursuing a degree in a nonscientific field. Topics will come from the general areas of financial mathematics, exponential growth, number systems and number theory, history of mathematics, and graph theory.

Prerequisites: MAT 1033 with a minimum grade of C or SAT Math Score with a minimum score of 550 or ACT Math with a minimum score of 24 or Accuplacer Algebra Subscore with a minimum score of 090

MHF 2191 Mathematical Foundations 3 credits
Introduction to axiomatic systems and techniques of proof, in preparation for upper-level study in mathematics. Topics include: symbolic logic, boolean algebra, set theory, countable and uncountable sets, techniques of proof, functions and relations, mathematical induction, group axioms. Emphasis is on preparing the student to read and write mathematical proofs, and to work with abstract definition and axioms.

Prerequisites: MAC 2312 with a minimum grade of C

MHF 4400 Mathematics & Society 3 credits
Examination of the role of mathematics as a scientific enterprise promoting the advancement of society. Topics included may vary from semester to semester, but will generally focus on the historical influence of mathematics on the development of civilization, the philosophy of mathematics itself, the ethical issues confronting mathematicians, and the unique nature of the profession as a human endeavor.

MHF 4404 History of Math 3 credits
The evolution of mathematical thought and methods from antiquity through the Renaissance. Topics include development of the concepts of number, quantity, and magnitude, algebraic techniques and symbolic notation, solution of polynomial equations, the evolution of the concept of proof, development of number systems, history of number theory and congruences, and notions of infinity and infinitesimals. Mathematical ideas and practice in European, African, Mesoamerican, and Asian cultures will be considered.

Prerequisites: MAC 2312 with a minimum grade of C

MHF 5405 History of Math 3 credits
Development of mathematical concepts of antiquity through the Renaissance, with emphasis on those having the most influence on contemporary mathematical paradigms and practice. Mathematical notions from Western, Mesoamerican, African, Asian cultures will be considered. Students will be expected to complete an independent research project as part of the course requirements. Permission of instructor required.

MHS 6006 Princ of Counseling Profession 4 credits
Required first course for majors in counselor education: an elective for students in other programs. Counseling as a profession; its philosophical framework; its scope and functions; its organization and administration in various settings.

MHS 6010 Intro to School Counseling 3 credits
To provide students with an overview of the roles, responsibilities, functions, and characteristics of the school counselor within a comprehensive developmental guidance and counseling program.

MHS 6021 Intro to Comm Mental Hlth Coun 3 credits
An introductory course for counselors working in non-school settings. Focus on foundational knowledge, social and cultural foundations, history of the profession, and basic listening skills.

MHS 6056 Lifespan Development II 3 credits
Part II of a 2-part sequence in lifespan development on issues from adolescence to death. In addition to physical, intellectual and emotional growth, the course will also consider changing human contexts across time and the development of healthy sexuality.

Prerequisites: MHS 6055

MHS 6070 Mental Disorders 3 credits
Mental disorders emphasizing recognition of behavioral symptoms and their social and cultural contexts linked to appropriate helping approaches and referral for further diagnosis and treatment.

Prerequisites:

MHS 6200 Appraisal Procedures 3 credits
A study of test and non-test techniques of appraisal with emphasis on the use of test data in counseling programs. Focus will be on integrating data from a variety of sources at individual, small group, and large group levels.

Prerequisites:

MHS 6340 Career Development 3 credits
Introduction to career development theory and practices including methods of identifying and delivering career information, counseling, and assessment for career development and decision-making, career programs and services in schools and community organizations, and technology as part of career development methods.

Prerequisites:

MHS 6400 CounsTheory for School Couns 3 credits
Introduction to various counseling theories and techniques as applied to children in the school setting. Further, this course will allow students the opportunity to practice specific techniques in a controlled environment.

Prerequisites: Corequisites:

MHS 6401 Advanced School Counsel Method 3 credits
Students will advance their knowledge and skills to create, coordinate, maintain, and evaluate a balanced, comprehensive developmental school counseling program. Also, this course focuses on the phylogeny and future trends of school counseling as impacted by all stake holders.

Prerequisites: Corequisites:

MHS 6404 Intro to Couns Theory and Tech 3 credits
The study and practice of major theoretical positions in counseling and psychotherapy; implications for research and practice in contemporary social contexts.

MHS 6405 Advanced Counseling Theory 3 credits
An advanced study of counseling approaches, current research, and empirically supported treatment.

MHS 6420 Counseling Spec Population Gps 3 credits
Application of counseling theory to work with clients from special population groups, e.g., students who are, exceptional,
Course Descriptions

ethnic minorities, and at-risk. Each student will select a specific population group for supervised research.

MHS 6428 Cross-cultural Counseling 3 credits
The focus of this course is to help students gain awareness of the ways in which an individual's sense of self, identity, the ways in which they understand others, as well as their conceptions of mental health and well-being are derived from their world-view and prevailing philosophy of life which is shaped by social and cultural norms and values.
Prerequisites:
Corequisites:

MHS 6450 Issues in Addictions and Abuse 3 credits
The basis of addictive and abusive behavior in our society from biological, social, cultural, and psychological perspectives for counselors to successfully intervene in the lives of clients impacted by addiction and abuse. Issues pertaining to substances, domestic violence and abuse will be explored.
Prerequisites:
Corequisites:

MHS 6470 Human Sexual Issues Counselor 3 credits
Emphasis include exploration of various dimensions of human sexuality; dynamics of major individual and societal sexuality issues; theoretical approaches to sexuality counseling.

MHS 6481 Human Dev for School Counselor 3 credits
An examination of theories of human development from conception to the end of life, applying theoretical paradigms to actual children and families through observations, interviews and case studies, and exploring the issues of typical/ atypical development, parenthood, and adaptive family life-styles within varying ecological contexts.

MHS 6482 Lifespan/Development 3 credits
Part 1 of a 2-course sequence. Focus on development in infancy and childhood related to physical growth, intellectual and linguistic growth, healthy sexuality, and social/emotional growth. Admission to the Counselor Education program or permission of instructor required.

MHS 6500 Introduction to Group Dynamics 3 credits
An experiential study of group structure, group dynamics, methodology, and leadership models applicable to working with groups in mental health settings. Includes skill building through supervised practice.
Prerequisites:

MHS 6509 Group Couns. Theor. & Pract. 4 credits
An experiential study of group structure, group dynamics, methodology, and leadership models applicable to working with clients in small groups in both school and community settings. Includes skills building through supervised practice.
Prerequisites:

MHS 6510 Adv Thy of Grp Couns and Thpy 3 credits
An advanced study of counseling and therapy groups, research that informs practice in group settings, and models applicable to working with diverse groups in mental health settings. Focuses on developing competencies necessary for independent practice and self-supervision in professional settings.
Prerequisites: MHS 6405

MHS 6530 Grp Wrk for Sch Professionals 3 credits
An experimental study of group structure, group dynamics, methodology, and leadership models applicable to working with groups in school settings. Includes skill building through supervised practice.
Prerequisites:

MHS 6600 Collabor & Consult Prblm Solve 1 credits
Communication skills, problem-solving strategies, ethics, and the models and processes of reading.
Prerequisites:
Corequisites:

MHS 6605 Spec Needs Couns & Counsol 3 credits
Identifying and planning for the special needs of atypical children from age 3 - 16. Explores issues relevant to working with clients from special population groups within educational settings. Particular emphasis is given to children with special needs who may come from families and communities with distinct ethnic, racial or socioeconomic parameters which may prove challenging for schools and school counselors.
Prerequisites:

MHS 6620 Org. Admin and Supv 3 credits
A study of organization behavior and administrative models as applied to community settings addressing mental health and human development in their social and cultural contexts. The course will also review models of clinical supervision and teach requisite skills.

MHS 6700 Legal & Ethical Iss. in Coun. 3 credits
A study of legal, ethical and related professional issues affecting the role and responsibilities of counselors in schools, community agencies, and mental health facilities in social and cultural contexts.

MHS 6710 Research and Prog Evaluation 3 credits
Reviews basic measurement concepts, construction of standardized testing materials, and fundamental descriptive statistics for applied research. A variety of research models will be presented, emphasizing action research and program evaluation in public school settings and community agencies.

MHS 6720 Sem in Prof Dev & Supervision 1 credits
Seminar experience to help transition from University to professional role including professional identity, self-supervision, and lifelong professional learning. Course will meet competencies for Florida Clinical Educator Training Program.
Prerequisites:

MHS 6800 Practicum in Counseling 2 credits
Supervised individual counseling for integration and application of knowledge and skills gained in didactic study. Application and permission of the program is required.
Prerequisites:

MHS 6805 Adv Practicum in Counseling 3 credits
Advanced practice course in the application of specific counseling skills that require an integration of basic helping skills, counseling theory, and assessment of counselee needs.
Prerequisites:

MHS 6831 Internship I 2 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.
Corequisites:

MHS 6832 Internship II 3 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.
Prerequisites: PCB 3063C

DNA-based diagnostic methods.

Prerequisites: PCB 4233C

Molecular mechanisms of heart disease. Focus is on diagnosis, microbial attributes, mechanisms that facilitate infectious disease, and treatment.

Prerequisites: MCB 2010C with a minimum grade of C or MCB 3020C with a minimum grade of C

MLS 4404 Diagnostic Microbiology 3 credits


Prerequisites: MCB 2010C with a minimum grade of C or MCB 3020C with a minimum grade of C

MLS 4462 Diagnostic VMP 3 credits


Prerequisites: MCB 2010C with a minimum grade of C or MCB 3020C with a minimum grade of C

MLS 4627C Clinical Biochemistry 3 credits

Relationship and application of biochemistry to the diagnosis, prognosis, and treatment of human disease. Theoretical principles and applications of techniques of proteins, enzymes, carbohydrates, lipids, electrolytes, nitrogen metabolites, inborn errors of metabolism, TDM and toxicology.

Prerequisites: BCH 3023C

Fee Required

MLS 4820C Clinical Biochemistry Practicum 3 credits

Advanced practical experience and didactic information in a clinical biochemistry laboratory emphasize chemistry instrumentation, immunohemachemical analysis, electrophoresis, blood gases, TDM, and toxicology. Departmental permission, acceptance into the Department of EHMCS, and senior standing.

Prerequisites: MCB 4203C

Fee Required

MLS 4821C Clinical Microbiology Practicum 3 credits

Advanced practical experience and didactic information in a clinical microbiology laboratory utilizing diagnostic techniques in the identification of pathogenic bacteria, viruses, parasites, and fungi. Department permission, acceptance into the Department of Clinical Laboratory Science and senior standing.

Prerequisites: MCB 4203C

Fee Required

Fee Required
Course Descriptions

MLS 4822C Clinical Hematology Practicum 3 credits
Advanced practical experience in a clinical hematology/hematology laboratory includes performance of diagnostic procedures and application of knowledge with emphasis on clinical correlation. Departmental permission, acceptance into the CLS program, and senior standing required. Prerequisites: MLS 4308C Fee Required

MLS 4823C Clinical Immunohematology Prac 3 credits
Advanced practical experience in a clinical immunohematology laboratory and perfusion service including compatibility testing, blood transfusion procedures and antibody detection and identification. Clinical experience includes operation and management of a transfusion service and donor center. Departmental permission, acceptance into the Department of Clinical Laboratory Science and senior standing. Prerequisites: MLS 4550C Fee Required

MLS 4824C Clinical Enrichment 1 credits
Exploration of career opportunities in various laboratory settings including clinical, forensic, cytogenetic, industrial, and public health. Course may be repeated to appreciate different occupational prospects. Departmental permission, acceptance into the CLS program, and senior standing required. Fee Required

MLS 4826C Clinical Immunology Practicum 2 credits
Advanced practical experience in a clinical immunology laboratory including diagnostic techniques with emphasis on clinical correlation. Prerequisites: MLS 4506C Fee Required

MLS 4910 Directed Independent Research 1 to 4 credits
Independent research project under faculty direction in Clinical Laboratory Science is investigated. Projects include investigative skills, principles of research application, and rigorous data collection and reporting. Course may be repeated in different research projects. Permission of the instructor is required. Fee Required

MLS 4911L Research in Molecular Diagnost 4 credits
Research experience in molecular biology is gained under the guidance and supervision of department faculty in an industrial biotechnology laboratory, molecular diagnostic laboratory or research facility. Departmental permission required. Prerequisites: MLS 4191C Fee Required

MLS 4932 Special Topics in CLS 1 to 3 credits
Topics/focus of Clinical Laboratory Science under faculty direction is investigated. A selected topic, focus or problem in the CLS discipline will be studied. Course may be repeated in different topic area. Permission of the instructor is required.

MLS 4940C Biotechnology/Molecular Pract 12 credits
Practical experience provides application of Molecular Biology in a biotechnology laboratory, molecular diagnostic laboratory or research facility. Departmental permission required. Prerequisites: PCB 4523C and MLS 4191C Fee Required

MLS 4950 International Study in Health 1 to 3 credits
International aspects of Clinical Laboratory Science and/or health/medical professions under faculty direction is investigated. This course may include travel to international sites.

Course may be repeated in different site or aspect. Permission of the instructor is required.

MMC 3602 Mass Comm & Society 3 credits
A survey of the history, theory processes, and philosophy of mass communications and the mass media in the United States and their relationship to the other major institutions of American society.

MTG 3216 Geom with Lin Algebra 3 credits
Study of Euclidean and non-Euclidean geometries, utilizing techniques of linear algebra. Topics include overview of synthetic geometry, vectors and matrices, linear transformations and isometries, orthogonality, vector space methods in Euclidean and projective geometry, non-Euclidean geometries, applications to computational geometry and computer graphics. Prerequisites: MAC 2311 with a minimum grade of C

MUE 3303 Piano Pedagogy I 2 credits
Study of teaching piano to beginning pupils privately and in groups. Includes a survey of materials and teaching methods appropriate for these levels. Prerequisite: Two semesters of MVK 2021, Sophomore Applied Piano. Prerequisites: MVK 2021

MUE 3304 Piano Pedagogy II 3 credits
Study of teaching piano to intermediate and advanced pupils privately. Designed to provide an in-depth study of materials, repertoire, musical and technical development, and curriculum planning for the intermediate and advanced pre-college student. Prerequisites: MUE 3303

MUE 3311 Teaching Music, Elementary 3 credits
The study of methods used to teach music at the elementary level. Includes theoretical background as well as specific methods for teaching music literacy and performance in the context of vocal and instrumental music. Prerequisites: MUT 1112 with a minimum grade of C and MUT 1242 with a minimum grade of C

MUE 3343 String Methods and Materials 2 credits
The study of string pedagogy, performance, and research. Prerequisites: MUT 1112 with a minimum grade of C and MUT 1242 with a minimum grade of C

MUE 3433 Vocal Pedagogy 2 credits
The study of the physiological and acoustical properties of the vocal mechanism and of the various techniques used in developing the singing voice. Includes supervised teaching of beginning voice students. Two semesters of MVV 2021, Sophomore Applied Voice. Prerequisites: MVV 2021

MUE 3451 Woodwind Methods and Materials 2 credits
The study of woodwind pedagogy, performance, and research. Prerequisites: MUT 1112 and MUT 1242

MUE 3465 Brass Methods and Materials 2 credits
The study of brass pedagogy, performance, and research. Prerequisites: MUT 1112 with a minimum grade of C and MUT 1242 with a minimum grade of C

MUE 3475 Percussion Methods & Materials 2 credits
The study of percussion pedagogy, performance, and research. Prerequisites: MUT 1112 with a minimum grade of C and MUT 1242 with a minimum grade of C

MUE 4210 Music for the Child 3 credits
Methods and materials of infusing music in the elementary classroom.

MUE 4480 Marching Band Techniques 3 credits
Fundamental principles of effective instruction for the contemporary marching band. Application of skills in preparing, organizing, teaching, and rehearsing this ensemble.
Prerequisites: MUT 2117 with a minimum grade of C and MUN 1360 with a minimum grade of C

MUG 3104 Introduction to Conducting 2 credits
The study and development of the fundamental skills of conducting, score reading, and rehearsal strategies. Exploration of the leadership role of the conductor in various kinds of ensembles.
Prerequisites: MUT 2117 and MUT 2247

MUG 3204 Instr. Lit. & Cond. Techniques 2 credits
Study of instrumental literature from both a historical and a practical view. Study of conducting and rehearsal techniques for middle school, high school, and adult bands and orchestras.
Prerequisites: MUT 2117 with a minimum grade of C and MUT 2246 with a minimum grade of C and MUG 3104 with a minimum grade of C

MUH 2110 Masterworks of Music 3 credits
Survey course of significant musical works from the Middle Ages through the present. Compositions will be studied within the framework of their historical context.
Prerequisites: HUM 2510 with a minimum grade of C

MUH 3211 Survey of Music History I 3 credits
A survey of the music of western civilization from Antiquity through the Baroque period.
Prerequisites: MUT 2110 with a minimum grade of C

MUH 3212 Survey of Music History II 3 credits
A survey of the music of western civilization from the Classical period through the present.
Prerequisites: MUT 2110 with a minimum grade of C

MUL 2110 Intro to Music Literature 3 credits
Introduction to Western music, including style periods and major composers, to world music, and to jazz and popular music. Designed both for music majors (strongly recommended) and non-majors as a humanities elective.

MUN 1120 Symphonic Band 0 to 1 credits
Performance group of wind and percussion instrumentalists. Open to all qualified university students through audition. Interested students should contact the conductor prior to the beginning of the term. Previous instrumental experience required. (Instructor approval)

MUN 1240 University Strings 1 credits
Performance group for string instrumentalists. Open to all qualified university students through audition. Interested students should contact the conductor prior to the beginning of the term. Previous instrumental experience required.

MUN 1310 University Choir 1 credits
A choral group providing specialized study performance opportunities for vocally qualified students. This course may be repeated for a maximum of eight (8) credits. Permission of the instructor is required.
Fee Required

MUN 3133 Symphonic Band 0 to 1 credits
Performance group for upper level band instrumentalists. Open to qualified junior and senior university students through audition. Interested students should contact the conductor prior to the beginning of the term. Previous instrumental experience required. ~Prerequisite: Two semesters of MUN 1120 with a C or better.
Prerequisites: MUN 1120 with a minimum grade of C

MUN 3213 University Strings 0 to 1 credits
Performance group for upper level string instrumentalists. Open to all junior and senior qualified university students through audition. Interested students should contact the conductor prior to the beginning of the term. Previous instrumental experience required. ~Prerequisite: Two semesters of MUN 1240 with a C or better.
Prerequisites: MUN 1240 with a minimum grade of C

MUN 3313 University Choir 0 to 1 credits
Performance group for upper level singers. Open to qualified junior and senior university student through audition. Interested students should contact the conductor prior to the beginning of the term. Previous singing experience required. ~Prerequisite: Two semesters of MUN 1310, University Choir with a C or better.
Prerequisites: MUN 1310 with a minimum grade of C

MUS 1010 Recital Attendance 0 credits
Attendance at 70% of the semester's performance lab, faculty, student or guest recitals or ensemble concerts, with a minimum of 14 per semester.

MUS 1201 Diction I 1 credits
Fundamentals of English, Italian and Latin diction designed for vocal music students, but open to non-music majors. Utilizes the International Phonetic Alphabet.

MUS 1360 Intro to Music Technology 1 credits
Study of computer applications to the study of music, including notation and sequencing software.
Prerequisites: MUT 2111 with a minimum grade of C

MUS 2202 Diction II 1 credits
Fundamentals of German and French diction designed for vocal music students, but open to non-music majors. Utilizes the International Phonetic Alphabet.
Prerequisites: MUS 1201

MUS 3953 Junior Recital 1 credits
Public performance in student's applied emphasis. One semester of Junior Applied Lessons in the student's applied area.

MUS 4920 Senior Capstone in Music 2 credits
Senior capstone course involving a variety of performance, research and/or service activities to provide an integrative experience within the discipline of music.

MUS 4930 Special Topics in Music 1 to 3 credits
Special Proposals for music topics not in current offerings.
Prerequisites:

MUS 4954 Senior Recital 1 credits
Public performance by seniors in student's applied emphasis. One semester of Senior Applied Lessons in the student's applied area.

MUT 1001 Fundamentals of Music 3 credits
Intensive study of the elements of music including pitch notation and reading, rhythmic notation, major and minor scales and key signatures, triads, and intervals, with correlated musicianship skills including keyboard, sightsinging and dictation.

MUT 1111 Music Theory I 3 credits
Study of common-practice harmony through analysis and
writing. Music fundamentals review, triad and seventh-chord construction, diatonic harmonic progression, SATB voice-leading and chord-connection principles with root-position and first-inversion triads. Development of related compositions, keyboard and improvisation skills. (Advisor approval needed)
Prerequisites: MUT 1001 with a minimum grade of C

**MUT 1112** Music Theory II 3 credits Continuation of common-practice-harmony study with attention to second inversion triads, cadences, phrases and periods, non-chord tones, diatonic seventh chords, secondary dominants and leading-tone chords. Introduction to modulation. Development of related keyboard, composition and improvisation skills.
Prerequisites: MUT 1111 with a minimum grade of C

**MUT 1241** Sight Singing/Ear Training I 1 credits Development of music reading skills through sight singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Coordinated with concepts covered in Theory I. Use of music technology lab required.
Prerequisites: MUT 1111

**MUT 1242** Sight Singing/Ear Training II 1 credits Development of music reading skills through sight singing; development of aural skills through melodic, rhythmic and harmonic dictation, and critical listening. Coordinated with concepts covered in Theory II. Use of music technology lab required.
Prerequisites: MUT 1241 with a minimum grade of C and MUT 1112 with a minimum grade of C

**MUT 2116** Music Theory III 3 credits Continuation of Theory II. Chromatic harmony including review of secondary function, simple and complex modulations, borrowed chords, Neapolitan sixth and augmented sixth chords. Introduction to binary and ternary forms. Development of related keyboard, composition and improvisation skills.
Prerequisites: MUT 1112 with a minimum grade of C and MUT 1242 with a minimum grade of C

**MUT 2117** Music Theory IV 3 credits Continuation of Theory III and introduction to Twentieth-Century musical procedures. Advanced modulation of chromatic harmony. Twentieth Century scales, harmonies, rhythms, and chord successions. Set theory and serial procedures. Includes related keyboard, composition and improvisation skills.
Prerequisites: MUT 2116 with a minimum grade of C

**MUT 2246** Sight Singing/Ear Training III 1 credits Development of music reading skills through singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Coordinated with concepts covered in Theory III. Use of music technology lab required.
Prerequisites: MUT 1242 with a minimum grade of C Corequisites: MUT 2116

**MUT 2247** Sight Singing/Ear Training IV 1 credits Development of music reading skills through sight singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Use of music technology lab required.
Prerequisites: MUT 2246 with a minimum grade of C

**MUT 3311** Orchestration and Arranging 3 credits Development of skills in scoring and arranging music for various combinations of instruments including strings, brass, woodwinds, and percussion. Study of transpositions, ranges, and idiomatic scoring for individual instruments. Projects include transcriptions and arrangements.
Prerequisites: MUT 2117 with a minimum grade of C and MUT 2247 with a minimum grade of C

**MUT 3611** Form and Analysis 2 credits In-depth study of musical forms including continuous and sectional variations, sonata, rondo, sonata-rondo, and fugue.
Prerequisites: MUT 2116 with a minimum grade of C and MUT 2247 with a minimum grade of C

**MVB 1011** Freshman Applied Trumpet 1 to 2 credits Private study in trumpet for freshmen. Previous playing experience required.

**MVB 1012** Freshman Applied Horn 1 to 2 credits Private study in horn for freshman. Previous playing experience required; permission of instructor.

**MVB 1013** Freshman Applied Trombone 1 to 2 credits Private study in trombone for freshman. Previous playing experience required; permission of instructor.

**MVB 1014** Freshman Applied Euphonium 1 to 2 credits Private study in euphonium for freshman. Previous playing experience required; permission of instructor.

**MVB 1015** Freshman Applied Tuba 1 to 2 credits Private study in tuba for freshman. Previous playing experience required; permission of instructor.

**MVB 2021** Sophomore Applied Trumpet 1 to 2 credits Private study in trumpet for sophomores. Two semesters of Freshman Applied Trumpet, MVB 1011, with a C or better.
Prerequisites: MVB 1011 with a minimum grade of C

**MVB 2022** Sophomore Applied Horn 1 to 2 credits Private study in horn for sophomores. Two semesters of Freshman Applied Horn with a C or better.
Prerequisites: MVB 1012 with a minimum grade of C

**MVB 2023** Sophomore Applied Trombone 1 to 2 credits Private study in trombone for freshmen. Two semesters of Freshman Applied Trombone with a C or better.
Prerequisites: MVB 1013 with a minimum grade of C

**MVB 2025** Sophomore Applied Tuba 1 to 2 credits Sophomore Applied Tuba. Two semesters of Freshman Applied Tuba with a C or better.
Prerequisites: MVB 1015 with a minimum grade of C

**MVB 2423** Sophomore Applied Cello 1 to 2 credits

**MVB 2424** Sophomore Applied Euphonium 1 to 2 credits

**MVB 3431** Junior Applied Trumpet 1 to 3 credits Private study in trumpet for juniors. Two semesters of MVB 2021, Sophomore Applied Trumpet, with a C or better.
Prerequisites: MVB 2021 with a minimum grade of C

**MVB 3432** Junior Applied Horn 1 to 3 credits Private study in horn for juniors. Prerequisite: Two semesters of MVB 2022, Sophomore Applied Horn, with a C or better.
Prerequisites: MVB 2022 with a minimum grade of C
MVB 3433 Junior Applied Trombone 1 to 3 credits
Private study in trombone for juniors. Two semesters of MVB 2023, Sophomore Applied Trombone, with a C or better.
Prerequisites: MVB 2023 with a minimum grade of C

MVB 3434 Junior Applied Euphonium 1 to 3 credits
Private study in euphonium for juniors. Two semesters of MVB 2424, Sophomore Applied Euphonium, with a C or better.
Prerequisites: MVB 2424 with a minimum grade of C

MVB 3435 Junior Applied Tuba 1 to 3 credits
Private study in Tuba for juniors. Two semesters of MVB 2025
Sophomore Applied Tuba, with a C or better.
Prerequisites: MVB 2025 with a minimum grade of C

MVK 1011 Freshman Applied Piano 1 to 2 credits
Private study in Piano for freshman.

MVK 1111 Class Piano I 1 credits
Beginning study in piano in a class environment. Designed to begin to develop the basic keyboard skills needed to pass the common prerequisite piano proficiency exam. Topics include scales, basic chord progressions and simple sight reading, transposition, harmonization and improvisation. (Advisor approval needed)
Prerequisites:

MVK 1112 Class Piano II 1 credits
Advanced beginning study in piano in a class environment. Designed to begin to develop the basic keyboard skills needed to pass piano proficiency exam. Topics include scales, harmonic progressions, broken chords and appropriate sight reading, transposition, harmonization and improvisation. (Advisor approval needed)
Prerequisites: MVK 1111

MVK 2021 Sophomore Applied Piano 1 to 2 credits
Private study in piano for sophomores. Two semester of Applied Piano, MVK 1011, with a C or better.
Prerequisites: MVK 1011 with a minimum grade of C

MVK 2115 Class Piano for Proficiency 1 credits
Designed for the music major who has had piano background but needs study in functional piano in order to pass the piano proficiency exam. Topics include scales, diatonic chords, harmonic progressions, melody harmonization using diatonic chords and secondary dominants, sight reading, simple transpositions, clef reading and repertoire memorization.
Prerequisites: MVK 1112 with a minimum grade of C

MVK 2121 Class Piano III 1 credits
Continuing study of beginning study in piano in a class environment. Designed to develop the basic keyboard skills needed to pass piano proficiency exam. Topics include playing major and white key minor scales, arpeggios and triads. Harmonization of selected melodies within a major third away from the original key, and repertoire pieces. MVK 1112, Class Piano II, with a C or better is required or placement by piano faculty.
Prerequisites: MVK 1112 with a minimum grade of C

MVK 2122 Class Piano IV 1 credits
Advanced undergraduate class piano study to prepare students to pass the Piano Proficiency Examination. Topics include scales, chord progressions, sight reading, transposition, harmonization, and improvisation. MVK 2121 (C) is required with a C or better or placement by Piano Faculty.
Prerequisites: MVK 2121 with a minimum grade of C

MVK 3231 Junior Applied Piano 1 to 3 credits
Private study in Piano for Juniors. –Prerequisite: Two semesters of MVK 2021, Sophomore Applied Piano.
Prerequisites: MVK 2021

MVK 3702 Piano Accomp & Collaboration 2 credits
Study of repertoire and principles of accompaniment in all style periods. Laboratory experiences include accompanying instrumentalists, vocalists, and choirs. –Prerequisite: Two semesters of MVK 2021, Sophomore Applied Piano.
Prerequisites: MVK 2021

MVP 1311 Freshman Applied Percussion 1 to 2 credits
Private study in percussion for freshmen. Previous playing experience required.

MVP 2321 Sophomore Applied Percussion 1 to 2 credits
Private study in percussion for sophomores. Two semesters of Freshman Applied Percussion with a C or better is required.
Prerequisites: MVP 1311 with a minimum grade of C

MVP 3431 Junior Applied Percussion 1 to 3 credits
Private study in percussion for juniors. Two semesters of MVP 2421, Sophomore Applied Percussion, with a C or better.
Prerequisites: MVP 2421 with a minimum grade of C

MVS 1011 Freshman Applied Violin 1 to 2 credits
Private study in violin for freshman.

MVS 1012 Freshman Applied Viola 1 to 2 credits
Private study in a viola for freshmen. Previous playing experience required; permission of instructor.

MVS 1013 Freshman Applied Cello 1 to 2 credits
Private study in cello for freshmen. Previous playing experience required; permission of instructor.

MVS 1016 Freshman Applied Guitar 1 to 2 credits
Private study in a guitar for freshmen. Previous playing experience required; permission of instructor.

MVS 1414 Freshman Applied Double Bass 1 to 2 credits
Private study in double bass for freshmen. Prerequisite: Audition Required.

MVS 2021 Sophomore Applied Violin 1 to 2 credits
Private study in violin for sophomores. Two semesters of Freshman Applied Violin, MVS 1011, with a C or better.
Prerequisites: MVS 1011 with a minimum grade of C

MVS 2022 Sophomore Applied Viola 1 to 2 credits
Private study in a viola for sophomores. Two semesters of Freshman Applied Viola with a C or better.
Prerequisites: MVS 1012 with a minimum grade of C

MVS 2026 Sophomore Applied Guitar 1 to 2 credits
Private study in guitar for sophomores. Two semesters of MVS 1016, Freshman Applied Guitar, with a C or better.
Prerequisites: MVS 1016 with a minimum grade of C

MVS 2423 Sophomore Applied Cello 1 to 2 credits
Private study in cello for sophomores. Two semesters of MVS
Prerequisites: MVS 1013 with a minimum grade of C or better.

MVS 2424 Sophomore Applied Double Bass 1 to 2 credits
Private study in double bass for sophomores. Two semesters of MVS 1414, Freshman Applied Double Bass, with a C or better.
Prerequisites: MVS 1414 with a minimum grade of C or better.

MVS 3431 Junior Applied Violin 1 to 3 credits
Private study in violin for juniors. Two semesters of MVS 2021, Sophomore Applied Violin, with a C or better.
Prerequisites: MVS 2021 with a minimum grade of C or better.

MVS 3432 Junior Applied Viola 1 to 3 credits
Private study in viola for juniors. Two semesters of MVS 2022, Sophomore Applied Viola, with a C or better.
Prerequisites: MVS 2022 with a minimum grade of C or better.

MVS 3433 Junior Applied Cello 1 to 3 credits
Private study in cello for juniors. Two semesters of MVS 2423, Sophomore Applied Cello, with a C or better.
Prerequisites: MVS 2423 with a minimum grade of C or better.

MVS 3434 Junior Applied Double Bass 1 to 3 credits
Private study in double bass for juniors. Two semesters of MVS 2424, Sophomore Applied Double Bass, with a C or better.
Prerequisites: MVS 2424 with a minimum grade of C or better.

MVW 1011 Freshman Applied Voice 1 to 2 credits
Private study in voice for freshmen. Previous singing experience required.

MVW 1110 Class Voice I 2 credits
Introduction to singing for beginners. Designed as an elective for non-voice majors to develop basic singing techniques and performance presentations. The course also examines the basic function of vocal anatomy and respiratory muscles.

MVW 2021 Sophomore Applied Voice 1 to 2 credits
Private study in voice for sophomores. Prerequisite: Two semesters of Freshman Applied Voice, MVW 1011, with a C or better.
Prerequisites: MVW 1011 with a minimum grade of C or better.

MVW 3331 Junior Applied Voice 1 to 3 credits
Private study in voice for juniors. Prerequisite: Two semesters of Sophomore Applied Voice, MVW 2021 with a C or better.
Prerequisites: MVW 2021 with a minimum grade of C or better.

MVW 4341 Senior Applied Voice 1 to 3 credits
Private study in voice for seniors. Two semesters of MVW 3331, Junior Applied Voice.
Prerequisites: MVW 3331 with a minimum grade of C or better.

MVW 1011 Freshman Applied Flute 1 to 2 credits
Private study in flute for freshmen. Previous playing experience required.

MVW 1013 Freshman Applied Clarinet 1 to 2 credits
Private study in clarinet for freshman.

MVW 1312 Freshman Applied Oboe 1 to 2 credits
Private study in oboe for freshmen. Previous playing experience required; permission of instructor.

MVW 1314 Freshman Applied Bassoon 1 to 2 credits
Private study in bassoon for freshmen. Previous playing experience required; permission of instructor.

MVW 1315 Freshman Applied Saxophone 1 to 2 credits
Private study in saxophone for freshmen. Previous playing experience required; permission of instructor.

MVW 2321 Sophomore Applied Flute 1 to 2 credits
Private study in flute for sophomores. Two semesters of Freshman Applied Flute are required with a C or better.
Prerequisites: MVW 1011 with a minimum grade of C or better.

MVW 2322 Sophomore Applied Oboe 1 to 2 credits
Private study in oboe for sophomores. Two semesters of Freshman Applied Oboe are required with a C or better.
Prerequisites: MVW 1312 with a minimum grade of C or better.

MVW 2323 Sophomore Applied Clarinet 1 to 2 credits
Private study in clarinet for sophomores. Two semesters of MVW 1013, Freshman Applied Clarinet, with a C or better.
Prerequisites: MVW 1013 with a minimum grade of C or better.

MVW 2324 Sophomore Applied Bassoon 1 to 2 credits
Private study in bassoon for sophomores. Two semesters of MVW 1314, Freshman Applied Bassoon, with a C or better.
Prerequisites: MVW 1314 with a minimum grade of C or better.

MVW 2325 Sophomore Applied Saxophone 1 to 2 credits
Private study in saxophone for sophomores. Two semesters of Freshman Applied Saxophone are required with a C or better.
Prerequisites: MVW 1315 with a minimum grade of C or better.

MVW 3431 Junior Applied Flute 1 to 3 credits
Private study in flute for juniors. Two semesters of MVW 2321, Sophomore Applied Flute, with a C or better.
Prerequisites: MVW 2321 with a minimum grade of C or better.

MVW 3432 Junior Applied Oboe 1 to 3 credits
Private study in oboe for juniors. Two semesters of MVW 2322, Sophomore Applied Oboe, with a C or better.
Prerequisites: MVW 2322 with a minimum grade of C or better.

MVW 3433 Junior Applied Clarinet 1 to 3 credits
Private study in clarinet for juniors. Two semesters of MVW 2323, Sophomore Applied Clarinet, with a C or better.
Prerequisites: MVW 2323 with a minimum grade of C or better.

MVW 3434 Junior Applied Bassoon 1 to 3 credits
Private study in bassoon for juniors. Two semesters of MVW 2324, Sophomore Applied Bassoon, with a C or better.
Prerequisites: MVW 2324 with a minimum grade of C or better.

MVW 3435 Junior Applied Saxophone 1 to 3 credits
Private study in saxophone for juniors. Two semesters of MVW 2325, Sophomore Applied Saxophone, with a C or better.
Prerequisites: MVW 2325 with a minimum grade of C or better.

NGR 5940C Clinical Practicum I 1 credits
Application of theories in perioperative nursing to the delivery of anesthesia in the clinical setting.
Fee Required

NGR 5941C Clinical Practicum II 1 credits
Delivery of basic anesthesia nursing care including regional techniques to clients in a variety of clinical settings.
Prerequisites: NGR 5940C
Fee Required

NGR 5942C Clinical Practicum III 6 credits
Delivery of perioperative nursing to children, childbearing mothers and elders.
Course Descriptions

Prerequisites: NGR 5941C
Fee Required

NGR  5943C  Clinical Practicum IV  6 credits
Delivery of advanced nursing care to clients in a variety of settings. Student practice includes on call experience.
Prerequisites: NGR 5942C
Fee Required

NGR  5944C  Clinical Practicum V  6 credits
Anesthesia management of clients with post-operative and chronic pain.
Prerequisites: NGR 5943C
Fee Required

NGR  5945C  Clinical Practicum VI  6 credits
Delivery of advanced anesthesia nursing care to clients in specialty areas.
Prerequisites: NGR 5944C
Fee Required

NGR  5946C  Clinical Practicum VII  6 credits
This course is being added to comply with recently issued new standards for accreditation of nurse anesthesia programs that increase case requirements from current 450 cases to a minimum of 550 cases with 650 cases being preferred.
Prerequisites: NGR 5945C
Fee Required

NGR  6002C  Health Appraisal/Interpretation  4 credits
Collection and synthesis of client database and differential diagnosis of common client problems. Using critical thinking and a holistic lifespan approach, students interpret, analyze, and document alterations in health to serve as a basis for client management.
Fee Required

NGR  6010  Perioperative Technology  1 credits
Theory and principles related to technological devices used in perioperative nursing. Emphasis on operation and use of monitoring devices such as transducers, oximeters and capnographs.

NGR  6011  Chem & Phys in Nurse Anesthesia  2 credits
Biochemical principles of mechanisms, actions, and theories as they apply to perioperative nursing practice.
Corequisites:

NGR  6031C  Adv. Assess & Monitoring  2 credits
Focus is on developing knowledge and skill in diagnostic testing and monitoring strategies used in intensive care settings.
Prerequisites: NGR 6811 and NGR 6211C and NGR 6740
Corequisites: NGR 6149, NGR 6195, NGR 6213C

NGR  6091  Basic Principles of Anesthesia  3 credits
Broad field orientation to perioperative nursing practice.
Corequisites: NGR 5940C, NGR 6002C, NGR 6011, NGR 6141, NGR 6174

NGR  6092  Adv. Principles of Anesthesia I  3 credits
Perioperative management for childbearing women, children, and seniors.
Prerequisites: NGR 6091
Corequisites:

NGR  6098  Synthesis Seminar  2 credits
Comprehensive review of preparation for national certification examination.
Prerequisites: NGR 6097

NGR  6140  Adv. Anat, Physio, & Patho I  4 credits
Study of advanced anatomy and physiology, with emphasis on the body’s homeostasis mechanisms and their aberrant function.
Prerequisites: NGR 6174
Corequisites: NGR 6091

NGR  6141  Physiological Alterations  3 credits
Emphasis is placed on investigation, analysis, and interpretation of pathophysiologic bases of clinical manifestations of selected alterations in health. Focus is on advanced practice nursing implications for health promotion, maintenance, and restoration.

NGR  6143  Adv. Anat, Physio, & Patho IV  1 credits
Continued study of advanced pathophysiology with emphasis on the body’s homeostasis mechanisms and their aberrant function.
Prerequisites: NGR 6149

NGR  6145  Adv. Principles NA Practice II  3 credits
An in-depth study of perioperative management of patients experiencing cardiovascular, respiratory, endocrine, renal, hepatic, and neurological disease and traumatic injury.
Prerequisites: NGR 6092

NGR  6149  Adv. Anat, Physio, & Path III  1 credits
Study of advanced pathophysiology with emphasis on the body’s homeostasis mechanisms and their aberrant function.
Prerequisites: NGR 6145 and NGR 6143
Corequisites:

NGR  6165  Adv. Anat, Physio, & Patho II  4 credits
Continuation of Advanced Anatomy, Physiology and Pathophysiology I with emphasis on homeostatic mechanisms and their aberrations. Further study of selected disease processes provides the foundation for advanced clinical decision making.
Prerequisites: NGR 6174 and NGR 6140 and NGR 6091
Corequisites: NGR 6092, NGR 6173

NGR  6173  Pharmacology II  3 credits
Study of the pharmacokinetic, pharmacodynamic, and clinical use of adjuvant drugs in the perioperative management of anesthesia administration.
Prerequisites: NGR 6140 and NGR 6091
Corequisites: NGR 6092, NGR 6143

NGR  6174  Pharmacology I  3 credits
Study of pharmacokinetic, pharmacodynamic, and clinical use of anesthesia agents in the perioperative management of anesthetic drugs.
Corequisites: NGR 6091, NGR 6140

NGR  6192  Advanced Therapeutics  3 credits
In-depth study of pharmacotherapeutics using an integrative approach to examine the use and efficacy of traditional and complementary drug therapies used in advanced practice nursing.

NGR  6195  Global Trends & Practice Persp  3 credits
Comprehensive examination of global trends and issues with implications for shaping health care delivery and improving global health outcomes.

NGR  6210C  Acute Care Practice I  2 credits
Theoretical and practice basis for providing acute care nursing at an advanced level to clients experiencing critical illnesses. Emphasis is on diagnostic reasoning and beginning management skills.
Prerequisites: NGR 6140 and NGR 6002C and NGR 6174
Fee Required

NGR 6211C Acute Care Practice II 5 credits
Emphasis is continued on the theoretical and practice applications of providing acute care nursing at the advanced practice level to clients and their families experiencing critical illnesses. Focus is on further development of diagnostic reasoning and management skills.
Prerequisites: NGR 6210C and NGR 6165 and NGR 6173
Fee Required

NGR 6213C Acute Care Practice III 5 credits
Focus is directed on further refinement of knowledge and skills used in the management, monitoring of acutely ill clients. Emphasis on patient evaluation, use of prescriptive privileges, and the legal constraints of acute care nurse practitioners within the acute care setting.
Prerequisites: NGR 6149, NGR 6811

NgR 6214C Acute Care Practice IV 6 credits
Incorporation and integration of all components of the acute care nurse practitioner role developed in previous courses with further refinement of knowledge and skills in working with older adults experiencing acute illness.
Prerequisites: NGR 6213C and NGR 6149 and NGR 6195 and NGR 6031C
Corequisites: NGR 6149

NGR 6215C Primary Health Care V 3 credits
Focus is on models for advanced nursing and health care management of acute health alterations in the adult population.
Prerequisites: NGR 6002C with a minimum grade of B and NGR 6192 with a minimum grade of B and NGR 6240C with a minimum grade of B

NGR 6240C Primary Health Care I 5 credits
Theoretical and practice bases for providing primary health care to adults in the community. Emphasis is on advanced practice nursing strategies for promotion and maintenance of health and management of adult health needs.
Prerequisites: NGR 6002C and NGR 6141 and NGR 6740
Corequisites: NGR 6192
Fee Required

NGR 6252C Primary Health Care IV 6 credits
Incorporation and integration of all components of the primary health care nurse practitioner role developed in preceding courses with further refinement of advanced practice knowledge and competency with emphasis on the older adult.
Prerequisites: NGR 6192 and NGR 6240C and NGR 6741C
Fee Required

NGR 6330C Primary Health Care III 3 credits
The course focuses on strategies for health promotion, maintenance and prevention of common health problems and management of alterations in children and aggregate populations.
Prerequisites: NGR 6192 and NGR 6240C
Fee Required

NGR 6712 Foundations of Nursing Educ. 3 credits
Exploration of nursing education within a broad context related to history, philosophy and the principles of adult-learning theory.

NGR 6713 Design & Eval of Nurs Curricula 3 credits
Emphasis is on the role of the nurse educator in developing program outcomes, and designing and evaluating nursing curricula that reflect contemporary health care trends in which graduates are prepared to practice in a complex, dynamic, multicultural health care environments.
Prerequisites: NGR 6002C and NGR 6141 and NGR 6740

NGR 6714 Teaching & Assessing in Nursing 3 credits
Emphasis is on attainment of nurse educator competencies in developing and implementing teaching and assessment strategies used in classroom, laboratory, and clinical settings to enhance the achievement of learner outcomes.
Prerequisites: NGR 6002C and NGR 6141 and NGR 6740

NGR 6731 Entrepreneurship 2 credits
Synthesis and practical application of entrepreneurial strategies for advanced practice.

NGR 6740 Concepts/Roles of Adv Practice 3 credits
Examination of professional, organizational, legal, ethical, political, and economic influences on advanced nursing. Standards and scope of practice are explored.

NGR 6741C Primary Health Care II 3 credits
The course focus is on strategies for health maintenance and prevention of common health problems and management of health alterations in women and aggregate populations.
Prerequisites: NGR 6240C and NGR 6192
Fee Required

NGR 6770 Clinical Nurse Leadership & Advocacy 3 credits
Focus is on enhancement of knowledge and skills needed for decision-making and critical thinking in integrating nursing leadership roles, management functions, and advocacy.
Prerequisites: NGR 6002C and NGR 6192 and NGR 6240C

NGR 6773L Clinic Nurse Leader Practicum 2 credits
Focus of the practicum is for immersion experience in full-time practice in the Clinical Nurse Leader role. All course work for the CNL must be completed prior to enrolling in this practicum course. As this is a graduate level competency-based course, all competencies must be satisfactorily accomplished.

NGR 6811 Scholarly Inquiry 3 credits
In-depth examination, evaluation, and application of questions, methods, designs, and frameworks for scholarly inquiry.

NGR 6872 Nursing Information Management 3 credits
Focus is on analysis of nursing information requirements, design of system management technology, identification and implementation of user-training strategies and evaluation of effectiveness of clinical nursing and/or management information systems in client care.
Prerequisites: NGR 6002C with a minimum grade of B and NGR 6192 with a minimum grade of B

NGR 6905 Independent Study in Nursing 1 to 6 credits
Directed, individualized study of a current concept, problem, or issue pertaining to nursing.

NGR 6930 Special Topics in Nursing 1 to 6 credits
Examination of advanced topics in nursing. The course may be repeated for different topic areas, and content may vary.

NGR 6941L Nurse Educator Practicum 3 credits
Experiential learning experiences focusing on design, delivery, and evaluation of educational strategies in selected environments.
Prerequisites: NUR 6712 and HSC 6258 and HSC 6715 or EDF 6432

NUR 6949 Clinical Correlation Conference 3 credits
Focus is on increasing critical thinking skills of students utilizing case-study methodology to develop patient specific anesthesia care plans.
Prerequisites: NGR 6173 and NGR 6149 and NGR 6145

NUR 3065C Health Assessment: Basis Prof Pract 3 credits
Holistic, critical thinking approach to health assessment as a basis for planning culturally congruent nursing care for individuals across the lifespan and laboratory settings.
Prerequisites: BSC 1085C with a minimum grade of C and BSC 1086C with a minimum grade of C and NUR 3125
Corequisites: NUR 3105C
Fee Required

NUR 3105C Caring Scholar Clinician 5 credits
Foundational course emphasizing professional role development in nursing. The interrelationships of nursing concepts, theory, research and practice as a basis for understanding nursing as a discipline are explored.
Prerequisites: Corequisites: NUR 3065C, NUR 3125
Fee Required

NUR 3125 Physio Responses Alter Health 3 credits
Basic concepts underlying pathological processes and physiological responses to environmental, sociocultural, genetic, lifestyle, and developmental factors are examined with emphasis on practical application from an interdisciplinary and holistic perspective.
Prerequisites: BSC 1085C with a minimum grade of C and BSC 1086C with a minimum grade of C

NUR 3145 Pharm, Herbal & Nutr Therapies 3 credits
Holistic nursing approach to understanding the most commonly used pharmacological, herbal, and nutritional therapies along with concepts of polypharmacy and polytherapy.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C

NUR 3465C Pop-Based Care: Spec Pops 6 credits
Focus on nursing care of women and children during life transitions from prenatal care, the birthing process, early infancy, childhood and adolescence.
Prerequisites: NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 3125 with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 4756C with a minimum grade of C

NUR 3525C Pop Based Care: Men Hlth Nurs 3 credits
Introduction to holistic mental health nursing that synthesizes biological, psychosocial, cultural, and spiritual concepts related to care of patients and families across the lifespan.
Prerequisites: NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 3125 with a minimum grade of C
Corequisites: NUR 3145
Fee Required

NUR 3935 Nursing Elective 3 credits
In-depth examination of a current or emerging topic or issue in nursing. This course may be repeated for credit for different topics.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C

NUR 4041 Caring Scholar Clinician Role 3 credits
Emphasizes professional role socialization within the discipline through examination of nursing concepts, philosophy, theory, research, and practice interrelationships.

NUR 4043C Issues and Leadership 5 credits
Examination of professional issues and nursing leadership within a changing health care climate. The interrelationships between selected facets of health care are explored in conjunction with moral development, ethical decision-making and leadership in nursing.
Prerequisites: NUR 4041
Fee Required

NUR 4636C Community Partnered Care 5 credits
Focus on nursing role in promoting health of individuals and communities within the context of public and community health policies and legislation.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 3525C and NUR 3105C with a minimum grade of C
Fee Required

NUR 4756C Pop Based Care: Vulnerable Pops 5 credits
Introduction to nursing care of adults with common acute and chronic health conditions.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C
Corequisites: NUR 3145
Fee Required

NUR 4767C Crisis Based Care 5 credits
Nursing care of adults with complex acute and chronic health conditions.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 3525C and NUR 3105C with a minimum grade of C
Fee Required

NUR 4826C Issues Based Care 5 credits
Issues and dilemmas faced by nurses within a health care climate are explored along with moral development and ethical decision making in nursing practice.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 4756C with a minimum grade of C

NUR 4905 Directed Independent Study 1 to 6 credits
Individualized pursuit of a selected topic.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C

NUR 4930 Special Topics in Nursing 1 to 6 credits
Examination of topics of current or special interest in nursing. The course may be repeated for different topic areas, and content may vary.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C

NUR 4948L Senior Nursing Practicum 3 credits
Preceptored clinical practice experience providing opportunity for synthesis of critical thinking, communication, health promotion, cultural connectedness and caring in nursing practice.

Fee Required

OCB 4633C Marine Ecology 3 credits
Investigates the interactions of biotic (living) and abiotic (non-living) factors in a marine setting. Diverse environments such as sea grasses, mud flats, coral and mollusk reefs, and the impact of pollution will be examined.
Prerequisites: BSC 1011C with a minimum grade of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C)

OCB 6635 Estuarine Ecology 3 credits
Ecological examination of estuarine systems. Treatment will include: estuarine organisms and their adaptations; community structure and dynamics; and human impact on estuarine systems. Course structure includes lecture and review and discussion of relevant literature.
Prerequisites: PCB 3043C with a minimum grade of B

OCB 6646 Marine Biogeography 3 credits
Examination of the geographical distribution of animals in the marine environment. Treatment will include historical as well as contemporary biogeography, biogeography of the major benthic and pelagic realms of the oceans, and the relationship between geographic patterns and evolution.

OCB 6931 Special Topics in Ichthyology 1 to 4 credits
Examines the phylogenetic relationships and evolutionary trends among major groups of both extinct and modern fishes. Fish physiology, ecology, zoogeography and evolution are examined using the primary literature.
Prerequisites: BSC 1011C with a minimum grade of B

OCC 4002C Marine Chemistry 3 credits
This course will focus on the chemical composition of seawater, seawater carbonate system, nutrients, trace elements and biogeochemistry.
Prerequisites: OCE 3008C with a minimum grade of C and (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1045C with a minimum grade of C

OCC 5115C Advanced Marine Chemistry 3 credits
Focus on the chemical composition of seawater, carbonate system, nutrients, trace elements and biogeochemistry. (Permission of instructor required)

OCE 1001C Marine Systems 3 credits
Interdisciplinary introduction to the study of the world's oceans. Students become acquainted with basic scientific and oceanographic concepts through a hands-on exploration of the marine environments of Southwest Florida. Topics may include the role of the oceans in determining weather and climate; environmental stress and marine mammals; building on moving beaches; and estuaries nurseries of the sea. Lecture, laboratory and field experiences are fully integrated in this general education course designed primarily for students with a concentration other than in the natural sciences.
Fee Required

OCE 3008C Oceanography 3 credits
A systems approach to the study of the world's oceans integrating elements of biological, chemical, geological and physical oceanography. Examination of basic oceanographic principals and processes, with a focus on marine ecosystems of Southwest Florida.

OCG 6053 Coastal & Watershed Geol 3 credits
Considers those geological and hydrological processes that occur at the Earth's surface. Topics include: physical and chemical weathering, soil formation, sedimentology and stratigraphy, geomorphology and physiography, surface and groundwater hydrology, and human-induced effects and environmental problems.

OCP 3002C Physical Oceanography 3 credits
Describes physical processes influencing the oceans and coastal environments, the interaction of the ocean with the atmosphere, and the distribution of oceanic winds, currents, heat fluxes and water masses.
Prerequisites: OCE 3008C

ORH 2220C Turfgrass Mgt Operations 3 credits
Comprehensive introduction to fundamental concepts of modern turfgrass science. Emphasis is placed on introducing, identifying, and discussing concepts and principles of basic turfgrass taxonomy, individual turfgrass species, major components of the turfgrass environment, and theoretical interactions between turfgrasses and elements of the turf environment.

ORI 3000 Intro Communication as Perform 3 credits
Course is designed to develop proficiency in the understanding and oral communication of literature and other written materials including learning the phonetic alphabet and transcription and voice, diction, and the oral interpretation of poetry, prose and dramatic readings. A prerequisite course of SPC 2023 is recommended but not required.

OTH 3012C Dynamics of Communication 3 credits
Introduction to self-awareness, interpersonal communication, and group dynamics for effective communication with clients, families, and healthcare professionals. Communication skill and group dynamics are experienced and processed through personal reflection, experiential labs, and fieldwork experiences.
Corequisites:

Fee Required

OTH 3417C Gross Human Anatomy 4 credits
Explores the regional and functional anatomy of the human body in both the lecture and laboratory format with the emphasis on its application to the practice of occupational therapy. The subject content of this course is divided into four units: lower extremity; back and upper extremity; thorax; abdomen and pelvis; and head and neck. Laboratory activities are designed to enhance the lecture topics and consists of students studying pre-dissected cadavers, prosected tissues, radiographs, bone sets, models, videotapes, and CD-ROM computer programs. Admittance to the occupational therapy program or departmental approval is required for enrollment.
Fee Required

OTH 3429C Neuroanatomy & Function 3 credits
Structural organization of human central nervous system, major features of brain and spinal cord, and functional relationships between these structures are identified in depth, to form the basis for clinical application. Prosected specimens and models are used.
Prerequisites: OTH 3417C
Fee Required
Course Descriptions

OTH 4932 Special Topics Seminar 1 to 4 credits
This course is designed around topics that are reflective of current health care needs related to occupational therapy practice. Topics are developed around instructor expertise with student input considered.

OTH 5817 Advancing Prac in Elder Care 3 credits
Use of tools for self-directed learning, and application of evidence-based and occupation-centered practice with elders. Students will identify specific goals for learning and apply new knowledge to work in their current practice settings.

OTH 6002 OT History and Foundations 2 credits
History, philosophy, evolution, and core values of occupational therapy. The Occupational Therapy Framework, professional behaviors, ethical issues, and roles of occupational therapists and certified occupational therapy assistants are introduced. May be waived for students with equivalent undergraduate coursework in occupational therapy.

OTH 6009 Theory in Occupational Therapy 3 credits
Comprehensive study of theory underpinning current occupational therapy practice; clinical reasoning; application of theory in context.

OTH 6018 Professional Practice 3 credits
Introduction to skills for management of client’s physical and occupational needs. Includes analysis of activity, therapeutic use of activity, therapeutic use of self, and basics of documentation.

OTH 6026 Group Process and Management 3 credits
Theory and practice of group dynamics; development of self-awareness and interpersonal communication skills necessary for successful management of therapeutic groups.

OTH 6106C Technology in Practice 3 credits
Examination of assistive technology and applications to enhance performance and prevent injury; analysis of need for assistive devices or environmental modification; application of technology in context; exploration of computer technology to enhance occupational therapy intervention. Prerequisites: OTH 6226C Fee Required

OTH 6226C Evaluation of Perform Issues 3 credits
Comprehensive study of evaluation processes in occupational therapy using a top-down approach; assessments of occupational performance within developmentally appropriate contexts; assessment of performance skills and patterns. Prerequisites: OTH 6536C and OTH 6605C Fee Required

OTH 6235C OT Interventions 3 credits
Selection and implementation of therapeutic interventions consistent with occupational therapy theory as applied in specific context. Evaluation of client outcomes, review of occupational performance process, and ethical decision-making are emphasized. Prerequisites: OTH 6536C and OTH 6605C Fee Required

OTH 6414C Applications in Human Anatomy 1 credits
Lab experience to further develop human anatomy and neuromuscular knowledge base using various learning aids, including computer images, models, human tissue specimens, and cadaver examination. Clinical applications will be explored through case studies.

OTH 6415C Human Motion in Activity 3 credits
Analysis of human movement incorporating mechanical, biological, developmental and environmental factors. Basic skills in assessment of motor performance are developed. Fee Required

OTH 6436C Adult UE Rehabilitation 3 credits
Continuation of OTH 6226C and OTH 6235C. Evidence-based evaluation and interventions for individuals with acute and chronic injuries or conditions of the upper extremity. Emphasis on splinting skill development. Prerequisites: OTH 6226C with a minimum grade of B and OTH 6235C with a minimum grade of B

OTH 6523C Practice with Children 3 credits
Continuation of OTH 6226C and OTH 6235C. Evidence-based evaluation and interventions for children and their families; school-based traditional hospital or rehabilitation based, or community-based practice settings. Outcomes assessment and ethical decision-making are emphasized. Prerequisites: OTH 6226C with a minimum grade of B and OTH 6235C with a minimum grade of B

OTH 6536C Occ. Performance Issues I 3 credits
Examination of infant through adolescent development of motor, process and interaction skills; occupational performance issues and patterns related to atypical development or disease; impact of an individual’s developmental and occupational performance needs on the family.

OTH 6605C Community, Wellness and Health 3 credits
Analysis of readings to identify role of occupation in aging well, from the solitary to the community levels; students will develop, plan marketing, and design outcomes evaluation of well and health promotion programs for elders. Prerequisites: OTH 5817 with a minimum grade of B

OTH 6605C Occ. Performance Issues II 3 credits
Examination of typical changes in motor, process and interaction skills due to aging and disease processes, relationships to successful occupational performance patterns throughout adulthood, implications for changes in occupational performance and impact of changes on family.

OTH 6645 Chronic Conditions 3 credits
In-depth exploration of advanced OT roles in facilitating health and interdependence in elders with chronic conditions; extensive study of the latest adaptations, technologies and partnerships utilized to enable such elders to age in place. Prerequisites: OTH 5817 with a minimum grade of B

OTH 6707 Management & Supervision in OT 3 credits
Program planning, budgeting and evaluation; supervision of occupational therapy personnel; engagement in professional associations and promotion of occupational therapy.

OTH 6725 Community Practice Seminar 3 credits
Explores the role of occupational therapy in community settings. Students develop proposals for occupation-based or occupational therapy services that support desired outcomes of service agencies the community. Field experience included. Prerequisites: OTH 6226C

OTH 6751C Outcomes Research 3 credits
Applied research in occupational therapy. Critical analysis of published research, development of a research proposal, and planning for the implementation of a research project.

OTH 6780 Apprenticeship 3 credits
Students will conduct a project to develop programming for a cooperating community agency or assist with ongoing research under the supervision of faculty and/or an appropriate
community member. Projects will vary.
Prerequisites: OTH 5817 with a minimum grade of B

**OTH 6840 Level I Fieldwork A** 1 credits
Fieldwork placement in a clinical or community setting; students observe clinical practice and develop clinical skills under supervision of an occupational therapy practitioner; documentation skills are further refined.

**OTH 6841 Level I Fieldwork B** 1 credits
Fieldwork placement in a setting different from the first; students observe clinical practice and develop clinical skills under the supervision of an occupational therapy practitioner; documentation skills are further refined.
Prerequisites: OTH 6227C and OTH 6236C

**OTH 6845 Level II Fieldwork A** 6 credits
Twelve-week, full-time fieldwork placement in a clinical or community setting under the direct supervision of a licensed and/or registered occupational therapist. Includes pre-fieldwork seminars, a portfolio, and web board discussions.

**OTH 6846 Level II Fieldwork B** 6 credits
Twelve-week, full-time fieldwork placement in a setting different from the first internship (in service delivery context or population) under the direct supervision of a licensed and/or registered occupational therapist. Includes web board discussions.

**OTH 6847 Level II Fieldwork C** 3 credits
Optional six-week, full-time fieldwork placement in a setting different from the required fieldwork placements (in service delivery context or population) under the direct supervision of a licensed and/or registered occupational therapist. Include web board discussions.
Prerequisites: OTH 6845 and OTH 6846

**OTH 6910 Directed Study** 3 credits
Student group carry out research planned in OTH 6772. Outcomes Research, under the supervision of a faculty advisor, and write an article of publishable quality according to manuscript guidelines of an occupational therapy publication appropriate for research.

**OTH 6936 Special Topics in OT** 3 credits
Current issues, selected problems, or specialized areas of practice in occupational therapy are examined. Topics vary according to practice trends and study/faculty interest. Course may be repeated for different topics.

**OTH 6973C Project Implementation** 1 credits
Continuation course to implement research protocols in OTH 6751C, Outcomes Research; students will participate at selected community sites under the supervision of a faculty mentor and a designated member of the community agency staff; schedule and site varies with the project assignment. Prerequisites: OTH 6751C

**PAD 3100 Org Behavior in PSM** 3 credits
Examines the dynamics of public organizations; including the impacts of individual behavior, structure, culture, and politics on performance.

**PAD 3712 Public Service Info Technology** 3 credits
Public Service Information Technology examines the issues related to managing digital technology in the public sector. Introduces students to e-government applications; including planning, procurement, implementation, evaluation, and limitations of information technologies.

**PAD 3723 Res Meth & Qual Anal** 3 credits
Introduction to methods and techniques of research used in public services. Topics include choices for choosing appropriate research methods, tools for research design and data collection techniques.

**PAD 3810 State & Local Public Admin** 3 credits
An introduction to public administration at the state and local levels of government.
Prerequisites: ENC 1102 with a minimum grade of C

**PAD 3820 Public Saf Sys Integ** 3 credits
Examines the issues of public safety systems within a fragmented public services environment.

**PAD 3870 Pub. Admin. Super. I** 3 credits
Enhances levels of interpersonal communications skills. Identifies leadership skills, traits, and personal leadership styles. Promotes ability to identify personnel and material requirements in public safety. Provides methods of planning for public safety issues in routine and specialized situational response.
Prerequisites: PAD 3870 with a minimum grade of C

**PAD 4232 Grants & Contract Mgmt** 3 credits
Government of public nonprofit agency grant and contract administration and management responding to funding assistance solicitations and grant and contract preparation, evaluation, and presentation. (Departmental permission required)

**PAD 4604 Ethics in Pub Svs** 3 credits
Examines the issues of administrative ethics in public service. Topics include public integrity, ethics codes, administrative discretion, secrecy and Sunshine Laws, organizational pressures on whistleblowing.

**PAD 4872 Pub. Svc. Mgmt. I** 3 credits
Provides advanced levels of management in Public Safety Units. Extols a number of theoretical management frameworks and ideologies. Conveys management techniques necessary to control diverse multi-task public safety units. Prerequisites: PAD 3870 with a minimum grade of C and PAD 3871 with a minimum grade of C

**PAD 4873 Pub. Svc. Mgmt. II** 3 credits
Provides advanced levels of management in Public Safety Units. Identifies various ethical decision making processes in managing Public Safety Units. Discloses requirements for the demographics of communities served by Public Safety Agencies. Provides tools to fairly deal with collective bargaining entities. Prerequisites: PAD 4872

**PAD 4879 Senior Seminar in PSM** 3 credits
Required integrative seminar for senior Public Services Management majors. Summarizes and integrates the theories and practices of public services management, examines the contemporary public services environment and cutting-edge management practices.

**PAD 4905 PSM Dir Indep Study** 3 credits
Individual study for Public Service Management students under the direction of a faculty member. Topics vary and are usually selected on an individual basis.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 4932</td>
<td>Special Topics in PSM</td>
<td>3</td>
<td></td>
<td>Courses centering around topics of current interest or of special interest to students or instructors. Topics or focus may vary from semester to semester.</td>
</tr>
<tr>
<td>PAD 5041</td>
<td>Administrative Ethics</td>
<td>3</td>
<td>Prerequisites: PAD 6060</td>
<td>Examination of ethical problems in public administration, individuals. Topics include public integrity, administrative discretion, secrecy and lying, organizational pressures and the limits of dissent, and ethics codes.</td>
</tr>
<tr>
<td>PAD 5142</td>
<td>Management of Non-profit Org</td>
<td>3</td>
<td></td>
<td>Identification and evaluation of approaches to managing non-profit organizations to make them effective, legal, efficient, just and conscientious organizations working for the public good as defined by their missions, executive leadership, and boards.</td>
</tr>
<tr>
<td>PAD 5352</td>
<td>Emerging Issues Enviro Policy</td>
<td>3</td>
<td></td>
<td>Introduction to a range of current environmental trends such as global environmental issues and challenges, conservation and sustainability, environmental economics, energy policy, land use policy (legal and ethical dimensions), and environmental justice.</td>
</tr>
<tr>
<td>PAD 5356</td>
<td>Environmental Policy &amp; Ethics</td>
<td>3</td>
<td>Prerequisites: PAD 6060</td>
<td>Focus on important concepts and methods in environmental policy-making, including the constraints placed on environmental policy-making by conventional understandings of property rights, risk assessment, and economic analysis.</td>
</tr>
<tr>
<td>PAD 5620</td>
<td>Environmental Law</td>
<td>3</td>
<td></td>
<td>Introduction to selected major pieces of federal environmental legislation, including historical development, the role of the courts and administrative agencies, and the impacts of the environmental regulatory decision making process.</td>
</tr>
<tr>
<td>PAD 5933</td>
<td>Proposal Writing &amp; Grant Admin</td>
<td>3</td>
<td></td>
<td>Essentials of program planning and proposal writing, grantsmanship, the process of program evaluation, and general administrative practices as they apply to public organizations.</td>
</tr>
<tr>
<td>PAD 6060</td>
<td>Intro to Public Administration</td>
<td>3</td>
<td></td>
<td>Overview of the theory and practice of public administration with special attention to the development of analytical and problem solving skills. Topics include the historical development of public administration, the structure of public organizations, leadership, decision-making, and accountability roles of public managers.</td>
</tr>
<tr>
<td>PAD 6101</td>
<td>Organizational Thry &amp; Behavior</td>
<td>3</td>
<td></td>
<td>Dynamics of complex organizations, the role of bureaucracy and theories of organizations applied to the public sector.</td>
</tr>
<tr>
<td>PAD 6205</td>
<td>Public Finance</td>
<td>3</td>
<td></td>
<td>Focus on efficiency, markets, the economic basis for government, political equilibrium and external influences on government finance. (PAD 6207 Public Budgeting, or equivalent, helpful but not necessary.)</td>
</tr>
<tr>
<td>PAD 6207</td>
<td>Public Budgeting</td>
<td>3</td>
<td>Prerequisites: PAD 6060</td>
<td>Survey of the history of budget reform in the United States, budget formats, taxation models, and capital budgeting and expenditures. The historical development of budgeting is used as a framework for constructing and interpreting budgets.</td>
</tr>
<tr>
<td>PAD 6327</td>
<td>Sem in Program Plan &amp; Evaluat</td>
<td>3</td>
<td></td>
<td>Focus on the underlying rationale, and methods of program planning and evaluation. Prepares students for professional roles as administrators, planners, and change agents in public and social service organizations through the design of an actuarial evaluation plan.</td>
</tr>
<tr>
<td>PAD 6365</td>
<td>Public Policy</td>
<td>3</td>
<td>Prerequisites: PAD 6060</td>
<td>Overview of the theory and practice of public policy. Topics include problem definition and policy formulation, economic approaches to policy analysis, collective action, problems, ethics and public policy, and policy entrepreneur.</td>
</tr>
<tr>
<td>PAD 6417</td>
<td>Public Personnel Admin</td>
<td>3</td>
<td>Prerequisites: PAD 6060</td>
<td>Overview of public personnel systems at both the national and subnational levels of government, evolution and adaptation to changing conditions. Topics include position descriptions, classification, and pay systems; performance management; merit and patronage systems; training and professional development; women's issues in management; workforce diversity; and personnel law.</td>
</tr>
<tr>
<td>PAD 6605</td>
<td>Administrative Law</td>
<td>3</td>
<td></td>
<td>Overview of the legal environment of public administration. Detailed examination of the development, implementation, and adjudication of the regulatory infrastructure at the national and sub-national levels of government, application of the Administrative Procedures Act, discretionary, authority, and structure and operation of various regulatory agencies.</td>
</tr>
<tr>
<td>PAD 6701</td>
<td>Data Analysis in Public Srvc</td>
<td>3</td>
<td></td>
<td>This is a graduate seminar and core course in the MPA program. The course is designed for MPA students and others interested in public administration statistical methodologies. Upon completion of this course, the student should be familiar with the technical terms used in applied social science research and have the capability of producing an empirical data-based research document using both primary and secondary data sources.</td>
</tr>
<tr>
<td>PAD 6708</td>
<td>Research Applications</td>
<td>3</td>
<td></td>
<td>Introduction to methods and techniques used in public management research. Topics include problem formulation, research design, survey construction and data collection.</td>
</tr>
<tr>
<td>PAD 6812</td>
<td>State &amp; Local Politics &amp; Admin</td>
<td>3</td>
<td></td>
<td>Examination of the issues, policies, and controversies involved in state and local governance. The relationship between institutions, actors, and politics at sub national levels of government is emphasized.</td>
</tr>
<tr>
<td>PAD 6826</td>
<td>Intergovernmental Admin</td>
<td>3</td>
<td></td>
<td>Theory and practice of intergovernmental administration among Federal, state and local government(s). Topics include policy devolution, the political and fiscal environment of intergovernmental administration and techniques of intergovernmental control, cooperation and competition.</td>
</tr>
<tr>
<td>PAD 6836</td>
<td>Comparative Public Admin</td>
<td>3</td>
<td></td>
<td>Survey of political and administrative systems in other countries and comparison with public administration models in the United States. Emphasis on the cultural and socio-economic factors that shape political and administrative institutions internationally.</td>
</tr>
<tr>
<td>PAD 6908</td>
<td>Independent Study</td>
<td>1-3</td>
<td></td>
<td>Individual study of a current concept, selected problem or issue pertaining to public administration and/or the student’s area of concentration, under the direction of a faculty member in the Division of Public Administration. Departmental</td>
</tr>
</tbody>
</table>
permission required. No more than 3 credit hours toward the MPA degree.

PAD 6934 Spec Topics in Public Adminis 3 credits
Contemporary public administration topics and public policy issues that are not addressed in other course offerings in the MPA program.

PAD 6940 Internship 3 credits
Internships will be established with public and nonprofit agencies to provide those students with little or no public sector work experience, offering an opportunity to apply concepts learned in graduate seminars in a real world environment. (Departmental permission required)

PAD 6961 Capstone Project 3 credits
An applied research experience that integrates the principles, theories, and concepts of the core courses in the MPA program and the student's career concentration. Prerequisite: Completion of all other degree requirements. Departmental permission required.

PCB 2336 Human Genetics 3 credits
Basic concepts and applications of fundamental properties of human inheritance using Mendelian and molecular aspects of genetics.

PCB 3023C Cell Biology 3 credits
Cellular biochemistry and physiology with in-depth study of prokaryotic and eukaryotic cellular organelles including their morphology and function. Topics include cellular mobility, growth, bioenergetics, division, communication and regulation. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.

PCB 3033C Concepts of Ecology 2 credits
Basic concepts of ecology at population, community, ecosystem and landscape levels will be studied in integrated lectures, laboratory and field exercises. This course will be integrated with Teaching Methods in the Secondary Sciences.

PCB 3043C General Ecology 3 credits
Basic concepts of ecology at population, community, ecosystem, and landscape levels will be studied in integrated lectures, laboratory, and field exercises. Fee Required

PCB 3063C Genetics 3 credits
A study of the principles and theories of heredity including the gene concept, Mendelian and non-Mendelian inheritance. Basic concepts include: the nature, organization, transmission, expression, recombination and function of genetic materials. Principles are derived for genetically characterizing populations. The curriculum is inquiry based and fully integrated with laboratory experiences which emphasize active learning strategies.

PCB 3046L with a minimum grade of C )
Prerequisite: BSC 1010 with a minimum grade of C and BSC 1010L with a minimum grade of C

PCB 3414C Behavioral Ecology 3 credits
Key behavioral adaptations of invertebrates and vertebrates to their environments will be studied in integrated lectures, laboratory, and field exercises involving such topics as exploration, habitat selection, feeding, reproduction, and social behavior. The adaptive roles of innate and learned behavior will be discussed in relation to different behaviors.

PCB 3460C Ecosystem Monit & Resea Method 3 credits
Overview of ecological concepts and basic methods of inventoring, monitoring, and conducting research on terrestrial, freshwater, and marine ecosystems. Emphasis on hands-on experiences. Methods will include those used in describing climatic, chemical, and physical features as well as biotic features, including field identification. The field emphasis will be on Southwest Florida ecosystems.

PCB 3463C Marine Ecos Mon & Res Method 3 credits
Basic methods of inventoring, monitoring, and conducting research on marine ecosystems. Emphasis on hands-on experiences. Methods will include those used in describing climatic, chemical, and physical features as well as biotic features. The field emphasis will be on Southwest Florida ecosystems. Permission of the instructor.

PCB 3473 Evolutionary Biology 3 credits
The application of evolutionary theory to all sub-fields of the biological sciences (e.g., medicine, ecology, molecular biology, etc.). Patterns and processes of evolution are examined, as is evidence, and the history of evolutionary theory. Application of evolutionary theory to problems is stressed, with a further emphasis on the role of phylogeny across biological discipline boundaries.

PCB 3703C Human Physiology 3 credits
Study of the organs and organ system of the human body as they operate individually and integrate together. Special attention is devoted to cardiovascular, respiratory, neuromuscular, endocrine, renal and reproductive physiology. The curriculum is inquiry based and fully integrated with activities which emphasize active learning strategies and collaboration.

PCB 3723C Comparative Animal Physiology 3 credits
Study of the function and integration of organs and organ systems of vertebrates and invertebrates. The course and laboratory are fully integrated.

PAD 6961 Capstone Project 3 credits
An applied research experience that integrates the principles, theories, and concepts of the core courses in the MPA program and the student's career concentration. Prerequisite: Completion of all other degree requirements. Departmental permission required.
with a minimum grade of C and CHM 1046C with a minimum grade of C or CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C. Fee Required

PCB 4233C Immunology 3 credits
An integrated lecture/laboratory course presenting theory and basic principles of immunology including antigen-antibody reactions, immunoglobulin structure, genetics, cellular immunity, and immunopathology. Prerequisites: CHM 2211C with a minimum grade of C or (CHM 2211L with a minimum grade of C and CHM 2211L with a minimum grade of C) and (BSC 1010C with a minimum grade of C and BSC 1010L with a minimum grade of C). Fee Required

PCB 4253C Developmental Biology 3 credits
Basic developmental principles that are common to many organisms as well as those that are unique to specific organisms will be identified. The molecular mechanisms involved in the development of various eukaryotic organisms including fungi, animals, and plants will be examined. Prerequisites: PCB 4522C with a minimum grade of C or PCB 3023C with a minimum grade of C. Fee Required

PCB 4303C Limnology 3 credits
An interdisciplinary approach to the examination of inland waters including lakes, streams, marshes, and swamps. Emphasis on the biotic, chemical, and geological components of these aquatic ecosystems using Florida wetlands as models. The course is intended for students with interests in biology, environmental studies, and/or interdisciplinary natural sciences. Permission of instructor. Fee Required

PCB 4522C Molecular Genetics 3 credits
Genetics will be investigated at the molecular level. Gene structure, function, variation, and control will be studied with respect to animal and plant cell structure and function. The curriculum is inquiry based and fully integrated with laboratory experiences which emphasize active learning strategies. Prerequisites: BCH 3023C with a minimum grade of C and PCB 3063C with a minimum grade of C. Fee Required

PCB 4674C Reptile & Amphibian Evolution 4 credits
Provides an opportunity for advanced study of the biology of "reptiles" and amphibians in an evolutionary context. The entire spectrum of reptile and amphibian diversity is studied from the first known fossil amphibians and their ancestors through all living and extinct clades. Anatomical, physiological, and behavioral biology are also examined from an evolutionary perspective; utilizing the principles of cladistic analysis, each system is examined from its most primitive condition to the many unique derived conditions found among living and/or fossil amphibians and reptiles. Current controversies may be featured, and topics span from molecular to organismal and ecological. The course will include the use of dissection and physiological laboratory techniques to study various topics. Prerequisites: ZOO 3113C with a minimum grade of C. Fee Required

PCB 4783C Cell Membrane Physiology 3 credits
Chemical and physical properties of the plasma membrane. Investigation of plasma membrane biosynthesis and functions in transport and signal transduction. The curriculum is inquiry based and fully integrated with laboratory experiences that emphasize active learning strategies. Prerequisites: BCH 3023C with a minimum grade of C and PCB 3023C with a minimum grade of C. Fee Required

PCB 4910 Ind. Research in Immunology 1 to 4 credits
Independent study and research projects under faculty direction in immunology is investigated. Projects include investigative skills, principles of research application, and rigorous data collection and reporting. Course may be repeated in different research projects. Prerequisites: PCB 4233 with a minimum grade of C. Fee Required

PCB 4930 Special Topics in Immunology 1 to 3 credits
Topics/focus of Immunological Science under faculty direction is investigated. A selected topic, focus, or problem in Immunology. Course may be repeated in different topic areas. Prerequisites: PCB 4233 with a minimum grade of C.

PCB 5245 Biology of Aging 3 credits
Investigation of the demographics, physiology of organ systems, evolutionary, environmental, cellular and genetic correlations of the aging process and on the resultant limitations in performance and quality of life in humans. Prerequisites: BSC 1085C with a passing grade and BSC 1086C with a passing grade

PCB 6064C Advanced Ecology 3 credits
Overview of major concepts in ecology with an emphasis on mathematical analytical techniques. Topics include: flows of energy and matter; temporal dynamics; community structure and dynamics; and human impact on ecosystems. Course structure includes lecture, laboratory and field studies and discussion of relevant literature. Prerequisites: BSC 1011C with a minimum grade of B and PCB 3043C with a minimum grade of B

PEL 3120 PGA Prep I 1 credits
PGA Prep I includes Level 1 part 1 of the PGA/PGM program materials and work experience activities. General overview of required PGA materials included in preparation for the PGA of America checkpoint 1. Prerequisites: HFT 1382

PEL 3125 PGA Prep 2 1 credits
PGA Prep 2, a continuation of PGA Prep 1, study and discussion of PGA level 1 work experience activities. Includes theory, application, business practices, and principles related to the golf industry and preparation for PGA checkpoint 1. Prerequisites: PEL 3120

PEL 3127 PGA Prep 3 1 credits
PGA Prep 3 includes Level 2 part 1 of the PGA/PGM program materials and work experience activities. General overview of required PGA materials included in preparation for the PGA of America checkpoint 2. Includes theory, application, business practices and principles related to the golf industry and preparation for PGA checkpoint 2. Prerequisites: PEL 3125

PEL 3128 PGA Prep 4 1 credits
PGA Prep 4, a continuation of Level 2 of the PGA/PGM program materials and work experience activities. General overview of required PGA materials included in preparation for the PGA of America checkpoint 2. Includes theory, application, business practices and principles related to the golf industry and preparation for PGA checkpoint 2. Prerequisites: PEL 3127

PEL 4126 Golf Practicum 3 credits
PGM concentration students enhance golf instruction skills by working with non-majors under the supervision of a master
### Course Descriptions

Instructor. Special emphasis on golf etiquette and swing.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Fee Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL 4129</td>
<td>PGA Prep 5</td>
<td>1</td>
<td>PET 4619C</td>
<td></td>
</tr>
<tr>
<td>PGA Prep 5</td>
<td>A general overview of required PGA materials included in preparation for the PGA of America checkpoint. Includes theory, application, business practices and principles related to the golf industry and preparation for PGA checkpoint 3.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEO 3124</td>
<td>Director of Golf Instr. Oper.</td>
<td>2</td>
<td>PEL 3128</td>
<td></td>
</tr>
<tr>
<td>PET 1931</td>
<td>ST: Physical Activity</td>
<td>1-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PET 2044C</td>
<td>Exec Science &amp; Injury Manag.</td>
<td>3</td>
<td>PET 3614C</td>
<td></td>
</tr>
<tr>
<td>PET 2081</td>
<td>Wellness College Experience</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PET 2930</td>
<td>Selected Topics: Human Perform</td>
<td>1-4</td>
<td>PET 3380C</td>
<td></td>
</tr>
<tr>
<td>PET 3084C</td>
<td>Personal Fitness &amp; Wellness</td>
<td>3</td>
<td>PET 3619C</td>
<td></td>
</tr>
<tr>
<td>PET 3087C</td>
<td>Fnd H/R Physical Fitness</td>
<td>3</td>
<td>PET 3613C</td>
<td></td>
</tr>
<tr>
<td>PET 3613C</td>
<td>AT Practice I</td>
<td>3</td>
<td>PET 3380C</td>
<td></td>
</tr>
<tr>
<td>PET 3614C</td>
<td>AT Practice II</td>
<td>2</td>
<td>PET 3619C</td>
<td></td>
</tr>
<tr>
<td>PET 4050</td>
<td>Hlth,Safety,Nutri &amp; Mot Ski</td>
<td>3</td>
<td>PET 3613C</td>
<td></td>
</tr>
<tr>
<td>PET 4084C</td>
<td>Personal Fitness &amp; Wellness</td>
<td>3</td>
<td>PET 3619C</td>
<td></td>
</tr>
<tr>
<td>PET 4285C</td>
<td>Lifespan Developmental</td>
<td>2</td>
<td>PET 3619C</td>
<td></td>
</tr>
<tr>
<td>PET 4297</td>
<td>Sport &amp; Human Exer Psychology</td>
<td>3</td>
<td>PET 4880C</td>
<td></td>
</tr>
<tr>
<td>PET 4299C</td>
<td>AT Practice III</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PET 4356</td>
<td>Environmental Exercise Phys</td>
<td>3</td>
<td>PET 4880C</td>
<td></td>
</tr>
<tr>
<td>PET 4392</td>
<td>Human Perf and Energy Supplies</td>
<td>3</td>
<td>PET 4880C</td>
<td></td>
</tr>
<tr>
<td>PET 4619C</td>
<td>AT Practice III</td>
<td>4</td>
<td>PET 4880C</td>
<td></td>
</tr>
<tr>
<td>PET 4670</td>
<td>HP Clinical Practice I</td>
<td>3</td>
<td>PET 4880C</td>
<td></td>
</tr>
<tr>
<td>PET 4671</td>
<td>HP Clinical Practice II</td>
<td>2</td>
<td>PET 4880C</td>
<td></td>
</tr>
<tr>
<td>PET 4929C</td>
<td>AT Practice IV</td>
<td>4</td>
<td>PET 4880C</td>
<td></td>
</tr>
</tbody>
</table>
PET 4941 Experiential Learning I 4 credits
Community-based experience providing an opportunity for the student to apply previously learned concepts skills. Fee Required

PET 4948 Experiential Learning II 2 credits
Final community-based experience providing an opportunity for the student to apply previously learned concepts skills. Fee Required

PHH 3050 Phi: History Texts Methods I 3 credits
Grounds philosophy majors in four classic philosophical methodologies taught through primary texts: categorical and propositional logic, Socratic dialectic, Thomistic disputation, and Cartesian radical doubt. Prerequisites: ENC 1101 and ENC 1102 Corequisites: PHH 3050L

PHH 3050L Phi: History Texts Methods Lab 1 credits
Companion course to PHH 3050 Philosophy: History, Texts, Methods I. Students will perform the philosophical methods of that course through logical problems, written, and oral exercises. Prerequisites: ENC 1101 and ENC 1102 Corequisites: PHH 3050

PHH 3103 Ancient Greece 3 credits
Study ancient Greek notions about, reason, political justice, and the human self, primarily as they appear in philosophy, but also with reference to epic and dramatic literature of the time. Prerequisites: ENC 1102 with a minimum grade of C

PHH 3501 Marx, Freud and other Heretics 3 credits
Examines counter-traditional figures in Philosophy from the nineteenth-century. Thinkers will include Sade, Nietzsche, Marx, Freud and others. Emphasis upon the historical roots of resistance within contemporary Western philosophy. Prerequisites: ENC 1101 and ENC 1102

PET 4941 Experiential Learning I 4 credits
Community-based experience providing an opportunity for the student to apply previously learned concepts skills. Fee Required

PET 4948 Experiential Learning II 2 credits
Final community-based experience providing an opportunity for the student to apply previously learned concepts skills. Fee Required

PHH 3050 Phi: History Texts Methods I 3 credits
Grounds philosophy majors in four classic philosophical methodologies taught through primary texts: categorical and propositional logic, Socratic dialectic, Thomistic disputation, and Cartesian radical doubt. Prerequisites: ENC 1101 and ENC 1102 Corequisites: PHH 3050L

PHH 3050L Phi: History Texts Methods Lab 1 credits
Companion course to PHH 3050 Philosophy: History, Texts, Methods I. Students will perform the philosophical methods of that course through logical problems, written, and oral exercises. Prerequisites: ENC 1101 and ENC 1102 Corequisites: PHH 3050

PHH 3103 Ancient Greece 3 credits
Study ancient Greek notions about, reason, political justice, and the human self, primarily as they appear in philosophy, but also with reference to epic and dramatic literature of the time. Prerequisites: ENC 1102 with a minimum grade of C

PHH 3103 Ancient Greece 3 credits
Study ancient Greek notions about, reason, political justice, and the human self, primarily as they appear in philosophy, but also with reference to epic and dramatic literature of the time. Prerequisites: ENC 1102 with a minimum grade of C

PHH 3501 Marx, Freud and other Heretics 3 credits
Examines counter-traditional figures in Philosophy from the nineteenth-century. Thinkers will include Sade, Nietzsche, Marx, Freud and others. Emphasis upon the historical roots of resistance within contemporary Western philosophy. Prerequisites: ENC 1101 and ENC 1102

PHH 3801 Self in Eastern Philosophy 3 credits
A study of the human self from a south and east Asian point of view. Topics include the nature of the self, the structure of consciousness, the self in relation to the external world to the Greater Self.

PHH 3930 ST History of Philosophy 3 credits
Covers a Philosophical era, movement or theme, taking into account the connection between ideas and their historical context. Topic varies by semester, may be repeated. Prerequisites: ENC 1101 and ENC 1102

PHH 3931 ST History of Philosophy 3 credits
Covers a Philosophical era, movement or theme, taking into account the connection between ideas and their historical context. Topic varies by semester, may be repeated. Prerequisites: ENC 1101 and ENC 1102

PHH 4051 Phi: History Texts Methods II 3 credits
Grounds major in five modern philosophical methodologies, taught through primary texts: Empiricism and Positivism, Kantian critique, Hegelian and other dialectics, anti-systematic and literary methodologies, and phenomenology. Corequisites: PHH 4051L

PHH 4051L Phi: History Texts Methods II Lab 1 credits
Companion course to PHH 4051 Philosophy: History, Texts and Methods II. Students will perform the philosophical methods of that course through logic problems, written, and oral exercises. Corequisites: PHH 4051

PHH 4450 Hume, Kant and Rousseau 3 credits
Provides detailed analysis of the works of three of the figures who were most central to the formation of enlightenment thinking and the philosophical schools that followed: David Hume, Immanuel Kant, and Jean-Jacques Rousseau. Prerequisites: ENC 1101 and ENC 1102

PHI 2000 Introduction to Philosophy 3 credits
Introduction to the various key philosophical orientations, thinkers, and topics which have evolved during the history of humankind. At least 6,000 words of graded written work are required. (Gordon Rule) Prerequisites: ENC 1101 with a minimum grade of C

PHI 2016 Philosophy through Film 3 credits
Using films and readings, the course explores a number of core problems in philosophy such as: personal identity, the existence of other minds, free-will and determinism, reality vs. appearances, human suffering the existence of God, and the role of technology.

PHI 3106 Principles of Rhetoric & Argument 3 credits
Introduction to the formal principles of argumentative discourse, both logical and rhetorical, and application of those principles to the tasks of critical reading and constructing sound arguments. Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

PHI 3223 Philosophy Human Communication 3 credits
The philosophical foundations of thinking, speaking, and writing: the nature and structure of human knowing; the mediation of interpersonal subjective relations through spoken language; and the fixing of human experience in texts. Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

PHI 3670 Ethics in Theory and Practice 3 credits
The course will cover major ethical ideas and theories from a philosophical perspective with a special focus on applying those ideas to concrete issues and problems. Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

PHI 3720 Faith and Reason 3 credits
Study philosophy of religion, focusing on the question of the relationship and possible conflict between religious faith and philosophical reason. Prerequisites: ENC 1102 with a minimum grade of C

PHI 3930 Special Topics in Philosophy 3 credits
This course will cover a special topic in Philosophy. See Instructors course description for details. Prerequisites: ENC 1102 with a minimum grade of C

PHI 3941 Philosophy Internship 1 to 3 credits
Internship working in a career field that allows for the practical implementation of philosophical training. Students may elect to take up to 3 hours of internship for credit.

PHI 4905 Directed Independent Study 3 credits
Individualized study under the direction of a faculty member.

PHI 4938 Capstone Seminar in Philosophy 3 credits
Seminar in which majors engage the history of philosophy and demonstrate advanced performance of academic philosophy via examination on core texts and the production of a senior thesis. Corequisites: PHI 4938L
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 4938L</td>
<td>Capstone Philosophy Lab</td>
<td>1 credits</td>
<td>Companion course to Capstone Seminar for Philosophy majors. The course centers around a philosophy related service or community learning project proposed and executed by students in the course. Corequisites: PHI 4936</td>
</tr>
<tr>
<td>PHM 3351</td>
<td>Philosophy of Human Rights</td>
<td>3 credits</td>
<td>An advanced introduction to classical and contemporary philosophical arguments and problems involved in human right discourses. Prerequisites: ENL 1101 and ENL 1102</td>
</tr>
<tr>
<td>PHP 3786</td>
<td>Existentialism</td>
<td>3 credits</td>
<td>Covers the Existentialist movement in nineteenth and twentieth century Europe which focuses on the analysis of concrete human existence, the self, finitude, freedom, and the ethical and psychological dilemmas of nihilism. Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>PHP 4930</td>
<td>Major Figures in Philosophy</td>
<td>3 credits</td>
<td>A semester-long intensive study of a single philosopher or thematically linked group of philosophers whose work significantly repositions major philosophical dynamics. Figures studied will vary; course may be repeated once with change of content. 9 hours of PHH, PHI or PHP courses needed as prerequisite or permission of instructor.</td>
</tr>
<tr>
<td>PHT 3106C</td>
<td>Integrated Human Anat Neuro I</td>
<td>3 credits</td>
<td>Students are led through an in-depth study of human anatomy, focusing on the musculoskeletal and neuromuscular systems. Anatomical histology, cytology, embryology, anatomical/neurophysiological changes through the lifespan and applications to health care are investigated. Fee Required</td>
</tr>
<tr>
<td>PHT 3156C</td>
<td>Physio Dimensions Human Actvty</td>
<td>3 credits</td>
<td>Emphasizes the understanding and application of knowledge regarding human cardiopulmonary, neuromuscular and metabolic responses to exercise and adaptations as a result of chronic exercise training in well and non-well population. Fee Required</td>
</tr>
<tr>
<td>PHT 3176C</td>
<td>Movement Science I</td>
<td>8 credits</td>
<td>Students explore the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on the study of the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Admission to the HP/AT Programs, or permission from the Program Director. Fee Required</td>
</tr>
<tr>
<td>PHT 3177C</td>
<td>Movement Science II</td>
<td>5 credits</td>
<td>Studies and applies anatomical, biochemical, behavioral, biomechanics, physiological and developmental aspects of movement science. Prerequisites: PHT 3176C Fee Required</td>
</tr>
<tr>
<td>PHT 3363C</td>
<td>Intro to Athletic Training</td>
<td>3 credits</td>
<td>This course focuses on the basic overview of the profession of Athletic Training and is designed as a preparatory course for the future health care provider interested in pursuing a career as a certified athletic trainer. Fee Required</td>
</tr>
<tr>
<td>PHT 3902</td>
<td>Comm-Based Exper Hlth Care II</td>
<td>1 credits</td>
<td>Students observe health care or human service professional(s) in his/her work setting. Experience is based on individual student-identified learning objectives and self-evaluation of experiences. Prerequisites: PHT 3901</td>
</tr>
<tr>
<td>PHT 4008</td>
<td>Topics in Physical Therapy II</td>
<td>1 credits</td>
<td>Provides an in-depth look at current issues which have a significant bearing on the delivery of physical therapy today and in the future. Prerequisites: PHT 3007</td>
</tr>
<tr>
<td>PHT 4107C</td>
<td>Integrated Human Anat Neuro II</td>
<td>5 credits</td>
<td>Students are led through in-depth study of body systems. Anatomical and neurophysiological changes through the lifespan and applications to health care practice will be emphasized. Prerequisites: PHT 3106C Fee Required</td>
</tr>
<tr>
<td>PHT 4108C</td>
<td>Integrate Human Anat Neuro III</td>
<td>3 credits</td>
<td>Students are led through an in-depth study of human anatomy and neurophysiology. Changes through the lifespan and applications to health care practice will be emphasized. Prerequisites: PHT 4107C Fee Required</td>
</tr>
<tr>
<td>PHT 4123C</td>
<td>Biomech Dimensions Human Mvment</td>
<td>3 credits</td>
<td>Students study the mechanical and neuromuscular components of human motion. Students learn both normal movement and the effects of pathological conditions on movement. Lifespan developmental changes are studied. Prerequisites: PHT 3106C Corequisites: PHT 4107C Fee Required</td>
</tr>
<tr>
<td>PHT 4146</td>
<td>Lifespan Develop Across Domain</td>
<td>3 credits</td>
<td>Explores the dimensions of development across the lifespan. Development across domains for each age group is examined within the context of family and culture with attention paid to individual differences and variations in development. Fee Required</td>
</tr>
<tr>
<td>PHT 4262C</td>
<td>Skills PT Exam &amp; Intervention</td>
<td>6 credits</td>
<td>Students learn basic patient examination, intervention and data collection skills necessary for patient evaluation and development of a plan of care. Prerequisites: PHT 4123C and PHT 4108C Fee Required</td>
</tr>
<tr>
<td>PHT 4903</td>
<td>Comm-Based Exper Hlth Care III</td>
<td>1 credits</td>
<td>Students observe a health care or human service professional(s) in his/her work setting. The experience is based on individual student-identified learning objectives and self-evaluation of experiences. Prerequisites: PHT 3902</td>
</tr>
<tr>
<td>PHT 4931</td>
<td>Selected Topics</td>
<td>1 to 4 credits</td>
<td>Current concepts, selected problems or issues pertaining to Physical Therapy are examined. The topic varies according to recent developments in Physical Therapy. Course may be repeated for different topic areas.</td>
</tr>
<tr>
<td>PHT 5016</td>
<td>Prof Writing &amp; Lit. Review</td>
<td>2 credits</td>
<td>Introduction to graduate writing and literature review within the context of physical therapy.</td>
</tr>
<tr>
<td>PHT 5109C</td>
<td>Movement Science Foundations</td>
<td>18 credits</td>
<td>Students explore the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on the study of the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Fee Required</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>--------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>PHT 5205C</td>
<td>Intro to PT Practice</td>
<td>2 credits</td>
<td>Focuses on the overview of the profession of Physical Therapy and provides an introduction to basic physical therapy patient/client care skills. Prerequisites: PHT 5109C. Fee Required.</td>
</tr>
<tr>
<td>PHT 5353</td>
<td>MDP I: Intro to Pharm &amp; Imaging</td>
<td>2 credits</td>
<td>Introduce basic principles of diagnostic imaging and pharmacology related to physical therapy practice. These principles are applied at an introductory level to each system of the human body.</td>
</tr>
<tr>
<td>PHT 5511</td>
<td>Professional Seminar I</td>
<td>2 credits</td>
<td>Students have the opportunity to explore issues related to professional responsibilities, communication, and behavior in preparation for the first full-time clinical experience. Included is the initial 160 hours of clinical experience. Prerequisites: PHT 5726C.</td>
</tr>
<tr>
<td>PHT 5615</td>
<td>Foundations Independent Rsch</td>
<td>1 credit</td>
<td>An in-depth examination of different types of health care research and critical review of physical therapy and related health care research literature. Students explore roles and responsibilities as participants in and contributors to research. Prerequisites: HSC 4732.</td>
</tr>
<tr>
<td>PHT 5726C</td>
<td>Integrated Clinical Practice I</td>
<td>6 credits</td>
<td>Explores areas of physical therapy screening, examination, diagnosis, and intervention through small group, problem-based case study and clinical practice laboratories. Fee Required.</td>
</tr>
<tr>
<td>PHT 5727C</td>
<td>Integrated Clinical Pract II</td>
<td>7 credits</td>
<td>Explores progressively more complex areas of physical therapy screening, examination, diagnosis and intervention through small group, problem-based case study and clinical practice laboratories. Prerequisites: PHT 5726C. Fee Required.</td>
</tr>
<tr>
<td>PHT 5822</td>
<td>App PT-Clinical Experience I</td>
<td>1 credit</td>
<td>First full-time, physical therapist supervised, clinical experiences applying concepts of examination, evaluation, diagnosis, prognosis, and intervention in direct patient care. Prerequisites: PHT 6396C with a minimum grade of B. Fee Required.</td>
</tr>
<tr>
<td>PHT 5906</td>
<td>Independent Study I</td>
<td>1 to 2 credits</td>
<td>Initial phase of an intensive, independent, focused area of study. In this initial phase, the student identifies an area for intensive focus and designs a faculty approved learning experience that meets the student's need(s). Prerequisites: PHT 6607 and PHT 6396C.</td>
</tr>
<tr>
<td>PHT 5971</td>
<td>Thesis Research I</td>
<td>1 to 2 credits</td>
<td>Students are guided through the process of developing an introduction, rationale, and research question for investigation for a research thesis. Successful completion of this course results in an approved research question with supporting written documentation. Prerequisites: PHT 6607 and PHT 6396C.</td>
</tr>
<tr>
<td>PHT 6026</td>
<td>PDSI: Intro to Physical Therapy</td>
<td>2 credits</td>
<td>Explores professional, legal, ethical, and management aspects of development as physical therapy professionals. Selected aspects of personal development are considered. Students explore and apply concept of mentoring by completing a 1:1 mentoring experience.</td>
</tr>
<tr>
<td>PHT 6109C</td>
<td>Movement Science Foundations I</td>
<td>10 credits</td>
<td>Students explore the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on the study of the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Fee Required.</td>
</tr>
<tr>
<td>PHT 6373</td>
<td>Geriatric Physical Therapy</td>
<td>3 credits</td>
<td>Geriatric physical therapy including screening, examination, evaluation, diagnosis, prognosis, plan of care, intervention, prevention, and wellness is investigated. Normal and pathological aspects of aging are examined. Permission of instructor is required.</td>
</tr>
<tr>
<td>PHT 6393C</td>
<td>Movement Science Foundation II</td>
<td>5 credits</td>
<td>Students explore the six foundation sciences in which the practice of physical therapy is grounded. Content focuses on study and application of anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Prerequisites: PHT 6109C. Fee Required.</td>
</tr>
<tr>
<td>PHT 6394C</td>
<td>PT Practice I</td>
<td>3 credits</td>
<td>First of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process. Prerequisites: PHT 6026 with a minimum grade of B and PHT 6109C with a minimum grade of B. Fee Required.</td>
</tr>
<tr>
<td>PHT 6395C</td>
<td>Movement Science Foundations III</td>
<td>4 credits</td>
<td>Exploration of the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on the study and the integration of the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Prerequisites: PHT 6393C. Fee Required.</td>
</tr>
<tr>
<td>PHT 6396C</td>
<td>PT Practice II</td>
<td>4 credits</td>
<td>Second of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process. Prerequisites: PHT 6394C with a minimum grade of B. Fee Required.</td>
</tr>
<tr>
<td>PHT 6397C</td>
<td>PT Practice III</td>
<td>4 credits</td>
<td>Third of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process. Prerequisites: PHT 6396C with a minimum grade of B. Corequisites: PHT 6412. Fee Required.</td>
</tr>
<tr>
<td>PHT 6398C</td>
<td>PT Practice IV</td>
<td>6 credits</td>
<td>Fourth of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process. Prerequisites: PHT 6397C with a minimum grade of B. Corequisites: PHT 6527. Fee Required.</td>
</tr>
<tr>
<td>PHT 6399C</td>
<td>Physical Therapy Practice V</td>
<td>5 credits</td>
<td></td>
</tr>
</tbody>
</table>
Fifth of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.

Prerequisites: PHT 6398C with a minimum grade of B
Fee Required

PHT 6412 PDSIIA-Teaching/Learning 2 credits
Studies in teaching, learning and a student led community pluralism mentoring project.
Prerequisites: PHT 6026 with a minimum grade of B

PHT 6413 PDS IIB-Sociocul Infl Lifespan 2 credits
Uses lifespan approach to investigate sociocultural influences on belief/behavior systems including culture and family issues.
Prerequisites: PHT 6026

PHT 6512 Professional Seminar II 2 credits
Emphasizes leadership and career development, including investigation of employment strategies, obtaining professional license, clinical teaching opportunities, and developing and presenting professional and staff development programs. Components of administration of a physical therapy service are investigated.
Corequisites: PHT 6729C

PHT 6527 Sem III Mngmt Ldrshp Entrepren 2 credits
Explores professional, legal and ethical aspects of development as physical therapy professionals. Students synthesize leadership and management competencies to plan and implement a simulated interdisciplinary entrepreneurial venture.
Prerequisites: PHT 6412 with a minimum grade of B

PHT 6528 Sem IV-Legal Ethical Consider 3 credits
Students examine ethical decision making models and apply them to common issues in interdisciplinary health care. Legal aspects of practice at the federal, state, and local levels are investigated.
Prerequisites: PHT 6527 with a minimum grade of B

PHT 6529 Sem V-Prep for Profession 1 credits
This seminar course investigates aspects of entering the physical therapy profession including preparation for the qualifying examination, licensure, negotiating employment, career development and consultation.
Prerequisites: PHT 6528 with a minimum grade of B

PHT 6606 App PT Critical Inquiry 3 credits
Introduction to qualitative and quantitative research designs for health professions, analysis of data, critical evaluation of research, and proposal writing. Physical Therapy students begin selection of either the thesis or independent study option.

PHT 6607 App PT-Applied Crit Inquiry 2 credits
Students engage in critical analysis of physical therapy healthcare care research, are introduced to a computerized data analysis, with students providing supporting rationale for their thesis or independent study option decision.
Prerequisites: PHT 6606 with a minimum grade of B

PHT 6728C Integrated Clinical Pract. III 5 credits
Explores progressively more complex areas of physical therapy screening, examination, diagnosis, and intervention through small group, problem-based case study and clinical practice laboratories.
Prerequisites: PHT 5727C
Fee Required

PHT 6729C Integrated Clinical Pract. IV 6 credits
Explores complex areas of physical therapy screening, examination, diagnosis, and intervention through small group, problem-based case study and clinical practice laboratories.
Prerequisites: PHT 6728C
Fee Required

PHT 6823 Clinical Internship II 1 credits
Four-week clinical experience emphasizes student use of physical therapy evaluation, treatment planning and intervention strategies. Students work under direct supervision of a licensed physical therapist.
Prerequisites: PHT 6728C

PHT 6824 Clinical Internship III 4 credits
Eight-week experience in a physical therapy setting requires students to apply previously learned concepts in management of patients/clients in a continuum of care. Students work under direct supervision of a licensed physical therapist.
Prerequisites: PHT 6823 and PHT 6729C

PHT 6825 Clinical Internship IV 4 credits
Eight-week experience in which students practice with increasing independence in patient/client examination, intervention, and teaching while developing supervisory, case management, and outcome assessment skills. Students work under direct supervision of a licensed physical therapist.
Prerequisites: PHT 6824 and PHT 6729C

PHT 6907 Independent Study II 2 credits
Applied portion of intensive, independent, focused process of study begun in Independent Study I. Completion of this portion of the individual learning process requires a successful progress review by the faculty advisor and community mentor.
Prerequisites: PHT 5906

PHT 6908 Independent Study III 2 to 3 credits
Final portion of independent focused study begun in Independent Study I and II. Cumulates in scholarly, reflective paper and portfolio that examines the process and outcomes. Student presents an oral summary of work.
Prerequisites: PHT 6398C with a minimum grade of S and PHT 6907 with a minimum grade of S

PHT 6909 Independent Study IV 1 credits
Final portion of independent, focused study begun in Independent Study I, II, and III. Cumulates in scholarly, reflective paper and portfolio that examines the process and outcomes. Student presents an oral summary of work.
Prerequisites: PHT 6729C and PHT 6808

PHT 6931 Selected Topics 1 to 4 credits
Current concepts, selected problems or issues pertaining to Physical Therapy are examined. The topics vary according to recent developments in Physical Therapy. Course may be repeated for different topic areas.

PHT 6941 App PT-Clinical Experience II 2 credits
Second of two, six-week full time, physical therapist supervised, clinical experiences applying concepts of examination, evaluation, diagnosis, prognosis, and intervention in direct patient care.
Prerequisites: PHT 6398C with a minimum grade of B
Corequisites: PHT 5727C
Fee Required

PHT 6946 App PT-Clinical Residency 8 credits
Sixteen-week full time, physical therapist supervised, clinical residency emphasizes student demonstration of competency in physical therapy patient/client examination, evaluation, diagnosis, prognosis, and intervention strategies and includes
PHY 2048C General Physics w/Lab I 4 credits
First semester of a calculus-based two-semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity and magnetism) and laboratory for science, mathematics, and engineering students.
Prerequisites: MAC 2421 with a passing grade or MAC 2311 with a passing grade
Fee Required

PHY 2049C General Physics w/Lab II 4 credits
Second semester of a calculus-based two-semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity and magnetism) and laboratory for science, mathematics, and engineering students.
Prerequisites: MAC 2422 with a passing grade or MAC 2312 with a passing grade and PHY 2048C with a passing grade
Fee Required

PHY 2053C College Physics w/Lab I 4 credits
Students study the nature of the physical world. Principles of classical mechanics, introduction to wave theory, heat and elementary thermodynamics are investigated. The curriculum is inquiry-based and fully integrated with laboratory and/or field experiences which emphasize active learning strategies. Note: A prerequisite equivalent to MAC 1147 is acceptable.
Prerequisites: MAC 1147 with a passing grade
Fee Required

PHY 2054C College Physics w/Lab II 4 credits
Students continue their study of the nature of the physical world in this course. Principles of electricity and magnetism, light and modern physics will be investigated. The curriculum is inquiry-based and fully integrated with laboratory and/or field experiences which emphasize active learning strategies.
Prerequisites: PHY 2053C with a passing grade
Fee Required

PHY 2103 Problem Solving II 1 credits
Additional problems general physics with calculus.
Corequisites: PHY 2049C

PHY 3221 Intermediate Mechanics I 4 credits
Classical Mechanics, Laws of Newton, Particles, Lagrangian, and Hamiltonian formalisms. First of a two-semester sequence.
Prerequisites: PHY 2049

PLA 1003 Introduction to Law 3 credits
An overview of the US legal system, including courts, lawyers and related professionals in the criminal and civil systems. Examines the role of law in modern society as well as fundamental legal concepts and principles.

PLA 3023 Courthouse Techniques 3 credits
Advanced civil courtroom techniques, procedures and law. Topics include research, interviewing techniques, preparing and organizing courtroom materials, compiling documentary evidence, applying investigative procedures and taking effective courtroom notes.

PLA 3240 Alternative Dispute Resolution 3 credits
Overview of alternative methods of dispute resolution including mediation, arbitration, negotiations and appointment of a special master. Special emphasis is made on mediation due to its extensive application in the US, esp. Florida. Mock exercises required.

PLA 3273 Negligence and Tort Litigation 3 credits
Prepares the student to work with attorneys whose practice is based primarily on negligence and tort litigation. A basic review of the various torts and negligence is followed by procedures and rules for drafting and the courtroom. The Federal and State Rules of Civil Procedure will be covered at length.

PLA 3428 The Law of Contracts 3 credits
An examination of the formation and enforceability of legally binding contracts. Topics include protection of economic interests as a part of reciprocal exchanges, legal rules and regulations, duties and responsibilities, public policy concerns, and bargaining in the context of contract principles.

PLA 3433 Business Organizations 3 credits
Five primary areas of interest: corporations, partnerships, sole proprietorships, joint ventures and agency law. Students determine the organization or interest to best suit their clients’ needs and prepare the appropriate forms for each. Agency law and its impact on each of these organizations are also discussed.

PLA 3572 Travel Law 3 credits
Overview of rights, remedies and rules of domestic and foreign traveler. Consumer rights, rules and laws regarding air travel, ground transportation, cruise ships, hotels, and rental cars in foreign or domestic ports, or while in international waters discussed.

PLA 3632 Condominium & Association Law 3 credits
A look at Florida condominium and association laws and regulations, including rights and responsibilities of owners, full time residents, renters and time share owners.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 3634</td>
<td>Land Use and Ownership</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Topics relating to real property including public control over land use, easements, zoning and building regulations, environmental protection regulations, adverse possession, covenants, riparian rights, concurrent ownership, and estates.</td>
<td></td>
</tr>
<tr>
<td>PLA 3700</td>
<td>Ethics for Legal Assistants</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Introduction to ethical dilemmas faced by both legal assistants and attorneys. Ethical rules developed by the American Bar Association will identify methods for researching answers to ethical dilemmas through examples and group participation.</td>
<td></td>
</tr>
<tr>
<td>PLA 3733</td>
<td>Legal Technology</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Instructions and practice on computer programs common to law offices, including the creation of files and folders; document creation, editing and merger; spreadsheets; billing and calendar or “tickler” programs.</td>
<td></td>
</tr>
<tr>
<td>PLA 3763</td>
<td>Law Office Management</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Principles of organization and management, management styles, communications process, utilization of legal assistants, management of office employees, office environment, office systems, office functions, financial management, records management and ethical considerations.</td>
<td></td>
</tr>
<tr>
<td>PLA 3800</td>
<td>Family Law Issues</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Study of the law of family relations, including the study of separation, divorce, domestic violence, child neglect, paternity, adoption, custody and court procedures applicable to each. Ethical considerations are also discussed.</td>
<td></td>
</tr>
<tr>
<td>PLA 4116</td>
<td>Research and Document Drafting</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Practical approach to advanced level of research and writing in the legal profession. Student will utilize both manual and computer assisted research tools to locate legal authority and properly cite same. Writing exercises required. Student will take positions and cite legal authority supporting and opposing positions.</td>
<td></td>
</tr>
<tr>
<td>PLA 4530</td>
<td>Elder Law</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Overview of issues related to aging including age discrimination; nursing home/assisted living facility abuse or neglect; social security and other state or company related administered complaints; and probate health care issues.</td>
<td></td>
</tr>
<tr>
<td>PLA 4565</td>
<td>CLA Review Course</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Review of materials expected to appear on Certified Legal Assistant Examination including verbal and written communication skills; judgment and analytical abilities; ethics; human relations; legal terminology; legal research and substantive knowledge of the law and procedure.</td>
<td></td>
</tr>
<tr>
<td>PLA 4570</td>
<td>Globalization &amp; the Rule of Law</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>A study of the interconnectedness of law and a global society. Examines the rule of law and its impact on economic, social, cultural, environmental, political, governmental, and legal aspects of globalization. Examination of international agreements, claims, and actions.</td>
<td></td>
</tr>
<tr>
<td>PLA 4600</td>
<td>FL Trusts, Estates &amp; Probate</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Document drafting regarding Florida estates, trusts, probate, wills, Guardianships, etc.</td>
<td></td>
</tr>
<tr>
<td>PLA 4608</td>
<td>Probate Litigation</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Document drafting of general litigation of probate matters, e.g., will and trust contests, guardianship disputes, etc. Florida Rules of Probate Court and applicable Rules of Civil Procedure are examined.</td>
<td></td>
</tr>
<tr>
<td>PLA 4612</td>
<td>Real Estate Transactions</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Student will prepare documents and forms relating to commercial and residential real estate transactions including deeds; purchases and sales; leases; affidavits; condominium associations; title abstracts and insurance; and financing and funding principles.</td>
<td></td>
</tr>
<tr>
<td>PLA 4614</td>
<td>Real Estate Litigation</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Document drafting of real estate litigation matters e.g. foreclosure, liens, breaches, trespass, suits to quiet title; squat-ter’s rights; and other violations. Florida and Rules of Civil Procedure examined.</td>
<td></td>
</tr>
<tr>
<td>PLA 4850</td>
<td>Am. Jurisprudence Capstone</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Current topics in the legal environment with comprehensive analysis and assessment of theoretical foundations and practical applications.</td>
<td></td>
</tr>
<tr>
<td>PLA 4913</td>
<td>Independent Research</td>
<td>1 to 3 credits</td>
</tr>
<tr>
<td></td>
<td>Research under direction of faculty member in area of legal studies.</td>
<td></td>
</tr>
<tr>
<td>PLA 4933</td>
<td>Special Topics Legal Studies</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Exploration of variety of issues in legal profession where topics vary from semester to semester.</td>
<td></td>
</tr>
<tr>
<td>POS 2041</td>
<td>American Nat’l Government</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>An analysis of the basic principles and procedures of the American government with emphasis on current issues and trends to cultivate an understanding of the U.S. political processes.</td>
<td></td>
</tr>
<tr>
<td>POS 2112</td>
<td>State &amp; Local Govt &amp; Politics</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Through an analysis of the structure and function of state and local government, the social and political influences that shape them and the dynamics of their administrative processes, students gain an understanding of the U.S. American political processes.</td>
<td></td>
</tr>
<tr>
<td>POS 3043</td>
<td>American Political Institution</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>An examination of the major institutions of government in the United States. A special emphasis will be placed on understanding how these institutions interact and the resulting outcomes of this interaction. Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 3250</td>
<td>Political Communication</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Examines the inter-relationship between Political Science and Speech, with emphasis on how political leaders communicate in a democratic society. Prerequisites: ENC 1102 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>POS 3270</td>
<td>Political Campaigns/Elections</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>Examines political campaigns and elections in the U.S., focusing on the national level. Major topics include systems of political representation, political parties, campaign planning and management, campaign finance, and campaign ethics. Prerequisites: ENC 1102 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>POS 3411</td>
<td>The Modern Presidency</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>The Presidency from the transformation of the office in the 1930’s to the present. Special attention to the roles and responsibilities of modern presidents in domestic and international policy. Prerequisites: POS 2041 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>POS 3424</td>
<td>Legislative Process</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>An analysis of the leadership, organization, norms, and policy-making processes of the U.S. Congress, including Congressional-Executive relations, Elections, and Constituency relations.</td>
<td></td>
</tr>
</tbody>
</table>
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POT 3501</td>
<td>Politics, Ethics, &amp; Pol Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An examination of the conflicts between politics and ethics in contemporary pluralistic and bureaucratic environments. Focuses as well on the exigencies of public integrity and civic engagement in contemporary politics.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POT 4074</td>
<td>Theories of Power</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Examination of theories of power in the social sciences and the humanities, as well as the application of these theories to the interpretation of various political processes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>PPE 4003</td>
<td>Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Methods and findings of personality theories and evaluation of constitutional, biosocial and determinants of personality.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)</td>
<td></td>
</tr>
<tr>
<td>PSB 4002</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Gross/cellular neural and physiological components of behavior. Structure and function of the central and peripheral nervous systems and theories of brain functions.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)</td>
<td></td>
</tr>
<tr>
<td>PSB 6244</td>
<td>Neurobiological Behavior</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Neurobiological structure for the assessment of behavioral disorders including brain anatomy, physiological and neurological diseases that precipitate behavioral disorders.</td>
<td></td>
</tr>
<tr>
<td>PSY 3017</td>
<td>Experimental Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Designed as an in-depth examination of the basic principles of psychological evidence; coverage given to areas of learning, perception, physiological, social and cognition. STA 2023 may be taken concurrently with this course.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>PSY 3213</td>
<td>Research Methods in Psych</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Logic of experimental design, concepts of control, ethical issues in the conduct of laboratory and applied research, and analysis of experimentally obtained data.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)</td>
<td></td>
</tr>
<tr>
<td>PSY 4604</td>
<td>History &amp; Systems in Psych</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Review of the historical roots of modern psychological theories. In-depth consideration of the various schools of psychology, such as behaviorism, Gestalt, psychoanalysis, and phenomenological psychology.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)</td>
<td></td>
</tr>
<tr>
<td>PSY 4911</td>
<td>Internship in Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Applied practicum in community service agencies. Senior Standing with permission of instructor.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: CLP 4143 with a minimum grade of C and PSY 2012 with a minimum grade of C and PSY 3213 with a minimum grade of C and STA 2023 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>POS 3691</td>
<td>Law, Politics, and Society</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An examination of how laws and legal processes interact with politics and culture in shaping policy understandings and outcomes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 4064</td>
<td>Intergovernmental Relations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An examination of the concept of federalism and its implications for American government. A primary focus is placed on the interaction between different levels of government.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102 and POS 2041 or POS 2112 or POS 3043 or POS 3114 and POS 2041</td>
<td></td>
</tr>
<tr>
<td>POS 4072</td>
<td>Women in Politics &amp; Govt</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Overview and analysis of the variety and forms of women's roles in politics and government; consequences with respect to governing in a democracy and efficacy of women as public agents and citizens.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: POS 2041 or POS 2112</td>
<td></td>
</tr>
<tr>
<td>POS 4152</td>
<td>Urban Politics and Problems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An examination of urban politics and problems. Focuses particularly on the place of cities within a broader network of economic, spatial, and intergovernmental relations, as well as on the ways in which these networks affect cities' approaches to problem-solving.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 4734</td>
<td>ResMeth and Analysis in PolSci</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An introduction to the tools necessary for conducting and interpreting political research. Quantitative and qualitative approaches will be discussed. Completion of General Education Mathematics Requirement.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 4905</td>
<td>Independent Study</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Independent study in political science under faculty supervision.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: INR 3002 or CPO 3002 or POS 3112 or POS 4002</td>
<td></td>
</tr>
<tr>
<td>POS 4911</td>
<td>Dir Research Admin and Policy</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Required integrative seminar for senior Political Science majors. Examines the contemporary political environment and visions of the political future.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 4931</td>
<td>Spec Topics in Political Sci.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Required integrative seminar for senior Political Science majors. Examines the contemporary political environment and visions of the political future.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 4936</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Required integrative seminar for senior Political Science majors. Examines the contemporary political environment and visions of the political future.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POS 4941</td>
<td>Political Science Internship</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Required integrative seminar for senior Political Science majors. Examines the contemporary political environment and visions of the political future.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POT 3003</td>
<td>Political Theorists</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Exploration of key theorists and themes in political theory; topics include citizenship, democracy, sovereignty, social justice, and to good life. 6,000 words of graded written work are required - Gordon Writing Rule course</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
<tr>
<td>POT 3075</td>
<td>Culture and Politics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An examination of the interrelationship between culture and politics, with particular emphasis on the symbolic and material impacts of culture on policy making.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENC 1102</td>
<td></td>
</tr>
</tbody>
</table>
and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C )

PSY 4913 Directed Study 3 credits
Student plans and conducts an individual research project or program of directed readings under the supervision of a faculty member.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C )

PSY 4930 Special Topics 3 credits
This course will be an elective for Psychology major and minor. This course will provide the Psychology Program greater flexibility in responding to student needs and interests.
Prerequisites: PSY 2012 and PSY 3044 and STA 2023

PSY 4990 Senior Seminar in Psychology 3 credits
Students will learn to consolidate, integrate and apply discipline specific knowledge to issues within Psychology and the Liberal Arts. Senior standing is expected. Students must complete at least 9 credit hours of 4000-level classes from the list of Required Courses for the Psychology Major before registering.
Prerequisites: PSY 2012 with a minimum grade of C

PUP 3040 State & Local Public Policy 3 credits
An introduction to the analysis, administration, and politics of public policy at the state and local levels of government.
Prerequisites: ENC 1102 with a minimum grade of C

PUP 4004 Policymaking & Administration 3 credits
An examination of the analysis and politics of public policy, with attention to both the traditional tools of policymaking and contemporary efforts to reconcile the tensions between politics, policymaking, and ethics.
Prerequisites: ENC 1102

PUP 4013 Comparative Social Policy 3 credits
Examines the development, implementation, and evaluation of social policies in several national contexts, as well as the transnational and cross-cultural social policy issues posed by international labor migrants and refugees.
Prerequisites: ENC 1102

PUP 4206 Int’l Environmental Policy 3 credits
Examines the development and implementation of international environmental policies. Theoretical perspectives on problems of the international environment are applied to several major policy controversies.
Prerequisites: ENC 1102

PUP 4930 Special Topics-Public Policy 3 credits
Examination of a specific topic within public policy. Topics may vary depending on instructor. Prerequisites: prior completion of ENC 1002 with a minimum grade of C.
Prerequisites: ENC 1102 with a minimum grade of C

PUP 3000 Principles of Public Relations 3 credits
An introduction to the field and study of public relations. Explores the history of the profession, the nature of public relations, its established code of ethics, and the responsibilities and duties of public relations professionals.

PUP 3100 Public Relations Writing 3 credits
Addresses several common forms of public relations writing, including press releases, public service announcements, pitch letters, and newsletters. Students work with a local client (nonprofit organization or campus organization) so as they develop their writing skills, they are contributing to the good of our campus and our community.

PUR 3600 Public Relations Strategy 3 credits
This course addresses the theories and norms used in the selection of strategies. This course will encourage students to think from a managerial, decision-making standpoint that focuses on planning and program development based on research findings.
Prerequisites: PUR 3004 with a minimum grade of C or PUR 3000 with a minimum grade of C

PUR 4420 Nonprofit Public Relations 3 credits
An advanced PR class designed to help students gain an understanding of the specialized PR needs of nonprofit organizations. Through a service-learning project, students will gain hands-on experience and connect theories to practice as they work for local nonprofit organizations.
Prerequisites: PUR 3004

PUR 4430 Environmental Public Relations 3 credits
An advanced PR course that examines government policies, corporate programs, and communication strategies appropriate to environment PR. Students to earn service learning hours by providing PR support to campus and community environmental groups.
Prerequisites: PUR 3004 or PUR 3000

PUR 4500 Public Relations Research 3 credits
Course addresses both quantitative and qualitative research design, processes and techniques including public opinion polling and survey research; fact-finding and applied research; issue tracking; focus groups and interviews; media and clipping analysis and historical research.
Prerequisites: PUR 3004 with a minimum grade of C or PUR 3000 with a minimum grade of C

PUR 4800 Public Relations Campaigns 3 credits
Through specific case studies of PR campaigns (both successful and unsuccessful), this course teaches students about planning and program development, an emphasis on decision theory and management theory.
Prerequisites: PUR 3004 with a minimum grade of C or PUR 3000 with a minimum grade of C

QMB 3200 Economic & Business Stats II 3 credits
Studies statistical methods for description of data, interval estimation and hypothesis tests, correlation and multiple regression analysis, analysis of variance, and analysis of qualitative data. The focus is on applications and interpretation. Students use a computer software package for analysis of data in course projects.
Prerequisites: STA 2023 with a minimum grade of C and CGS 3100 with a minimum grade of C

QMB 3600 Intro to Management Science 3 credits
Studies fundamental methods of management science; including decision analysis, forecasting, networking, queuing, inventory and linear programming models. The focus is on application of these models to production and operations management problems. Students use a computer software package to assist in case problem analysis.
Prerequisites: STA 2023

QMB 6305 Statistical Methods for Mgt 3 credits
Develops the basic statistical tools used in quantitative analysis in business. Topics include descriptive statistics, interval estimation, hypothesis tests, correlation and regression analysis, analysis of variance and analysis of qualitative data.
Emphasis is on applications, concepts and interpretation of results, rather than theory and calculations. Students use a computer software package for data analysis.

QMB 6603 Quantitative Methods in Bus 3 credits
Introduction to basic quantitative tools used by managers to improve the decision making process in organizations, and the applications of these tools to real life problems. Quantitative methods covered include decision analysis, forecasting, network models, queuing, inventory models, and linear programming. Emphasis is on applications, concepts, and interpretation of results rather than theory and calculations. Students use a computer software package for model analysis.
Prerequisites: QMB 6305

RED 4310 Early Literacy Learning 3 credits
Prepares pre-service teachers to understand the foundations of literacy and the learning principles and instructional strategies necessary to provide literacy instruction to emergent, novice, and transitional readers and writers.
Prerequisites:

RED 4344 Methods Teaching Reading 3 credits
This course is designed for students who need a comprehensive foundations of research-based practices course in the teaching of reading K-12 at the undergraduate level. Content includes the principles of scientifically basic reading research, the reading process, reading instruction, components of reading, student mastery, teacher reflection and professional development. Content is based on the Florida online FOR-PD course.

RED 4350 Literacy Content & Processes 3 credits
The second course that examines literacy from an integrated perspective. The intermediate elementary and middle school child is the focus for the study that includes assessment and instructional planning for developmental reading, writing, listening, speaking, and the support skills for the language arts with an emphasis on content area literacy.
Prerequisites: EDF 3201 with a minimum grade of C

RED 4511 Lit in Intermed & Mid Grades 3 credits
Prepares pre-service teachers to facilitate literacy learning for students who are beyond the primary grades. Students will develop an understanding of instructional strategies and materials appropriate for remedial, multicultural, and mainstream students, including theories of reading disabilities, develop ways to promote literacy development across the curriculum with an emphasis on content area reading.

RED 5147L Developmental Reading 3 credits

RED 6116 Found of Read Instr 3 credits
Approaches, materials, and procedures in K-12 reading instruction, with emphasis on pertinent current research. Undergraduate introductory course in reading required as a prerequisite.
Prerequisites:

RED 6516 Corrective Reading in Classrm 3 credits
Use of diagnostic and prescriptive procedures with individual and group reading instruction.
Prerequisites:

RED 6540 Assessment in Literacy 3 credits
Sources of information for assessing literacy performance in the K-12 classroom. Emphasis on informal classroom assessments in reading that includes screening, diagnosis and progress monitoring.
Prerequisites:

RED 6544 Comprehension & Cognition 3 credits
Advanced classroom reading instruction that explores reading as a process of constructing meaning in the K-12 classroom. Connections to ways that reading comprehension is supported by writing and listening.
Prerequisites:

RED 6545 Vocabulary & Word Study 3 credits
Advanced classroom reading methods to teach the fluent decoding of words and the construction meaning for students K-12.
Prerequisites:

RED 6656 Instruc Struggling Readers 3 credits
An analysis of research relevant to the identification, placement, and instructional strategies effective with students with reading difficulties, learning disabilities, and diverse populations in the area of literacy. Differentiated instruction and strategies to use with struggling readers are examined.
Prerequisites:

RED 6846 Practicum 3 credits
Application of knowledge gained with supervision, guidance, and support of colleagues and university professors. Corequisites:

RED 6971 Thesis: Masters/Ed Specialist 1 to 19 credits

REE 3043 Real Estate Fundamentals 3 credits
Study of the business aspects of real estate ownership, contracts, deeds, titles, mortgages, property law, and regulations. Prerequisite FIN 3403 may be taken concurrently.
Prerequisites: FIN 3403

REE 3103 Valuation of Real Property 3 credits
Introduction to the appraisal process. Acquaints the student with the appraisal language and demonstrates the application of a variety of valuation techniques. Topics include determination and estimation of future flows of income and costs, and market criteria that affect the value of commercial, industrial and residential real property.
Prerequisites: FIN 3403 with a minimum grade of C

REE 3303 Real Estate Inv Decision Mking 3 credits
Advanced concepts of acquisition, ownership and disposition of investment property, taxation, risk/return, cash flow forecasting, financial structuring process, case analysis, strategy formulation for real property.
Prerequisites: FIN 3403 with a minimum grade of C

REE 3433 FL Real Estate License Law 3 credits
This course focuses on licensing law, related state and federal real property and commercial laws for real estate salespersons.
Prerequisites: FIN 3403

REE 4941 Internship in Real Estate 3 credits
Practical application in a clinical setting of knowledge acquired in real estate coursework. (Department approval required) (S/U only)
Prerequisites: FIN 3403

REE 6305 Real Estate Investment Decisions 3 credits
Advanced concepts, principles, and models of real estate finance and investment analysis. Emphasis on case analysis and policy formulation.
Prerequisites: FIN 6406
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REE 6435</td>
<td>Real Estate Law</td>
<td>3</td>
<td>This course introduces the student to the various areas of real estate law including: liens, mortgages, construction loans, mortgage foreclosure and redemptions, subdivisions, building restrictions, zoning, condominium ownership, and environmental issues.</td>
</tr>
<tr>
<td>REE 6735</td>
<td>Land Acquisition, Subdivid &amp; Dev</td>
<td>3</td>
<td>Acquisition of raw land; subdivision into sites; provision of utilities &amp; services; financing; merging improved sites. Emphasis on design and development of residential communities. Prerequisites: FIN 6406</td>
</tr>
<tr>
<td>REL 2306</td>
<td>Contemporary World Religions</td>
<td>3</td>
<td>Exploration of the unity and diversity of religious traditions in a global context in order to understand the mutual interactions between religions and cultures. Emphasis on the role of religion in human values systems. Prerequisites: FIN 6406</td>
</tr>
<tr>
<td>REL 3111</td>
<td>Religion in Film</td>
<td>3</td>
<td>Examination of religious themes, images, symbols, and characters in various feature and short films.</td>
</tr>
<tr>
<td>REL 3112</td>
<td>Seven Deadly Sins</td>
<td>3</td>
<td>Examines the human condition through the concept of sin from a variety of disciplinary perspectives: historical, religious, philosophical, literary. Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>REL 3213</td>
<td>Hebrew Bible</td>
<td>3</td>
<td>A literary/historical approach to the materials in the Hebrew Bible or Old Testament. Various genres of biblical literature will be studied, as well as the historical setting in which the text was produced.</td>
</tr>
<tr>
<td>REL 3241</td>
<td>New Testament</td>
<td>3</td>
<td>A literary/historical approach to the materials in the New Testament. Various genres of biblical literature will be studied, as well as the historical setting in which the text was produced.</td>
</tr>
<tr>
<td>REL 3930</td>
<td>ST: Religion</td>
<td>3</td>
<td>An upper division Religious Studies course on a topic indicated in the schedule. Prerequisites: ENC 1101 and ENC 1102</td>
</tr>
<tr>
<td>RMI 3011</td>
<td>Risk Management Insurance</td>
<td>3</td>
<td>Identification of various types of risks; principles underlying selection of appropriate means of handling risks, introduction to life, health, property, liability and other areas of insurance, analysis of insurance as a principal means of managing risk for individuals and commercial entities; organization operation of insurance companies. Prerequisites: FIN 3403 with a minimum grade of C</td>
</tr>
<tr>
<td>RTV 3225</td>
<td>Video Workshop</td>
<td>3</td>
<td>A course devised for students to gain experience in the production of television programs and video projects.</td>
</tr>
<tr>
<td>SCE 2840C</td>
<td>Physical Science for Teachers</td>
<td>3</td>
<td>Survey of the physical sciences including physics, chemistry, astronomy and geology. For non-science majors only. Fee Required</td>
</tr>
<tr>
<td>SCE 4305</td>
<td>Comm Skills in Science Classroom</td>
<td>2</td>
<td>Reading and communication skills important in understanding scientific literature and communicating findings to others.</td>
</tr>
<tr>
<td>SCE 4310</td>
<td>Science Methods</td>
<td>3</td>
<td>Focuses on methods of planning, assessment and instruction for effective science and health education. Prerequisites: EDG 3201 with a minimum grade of C Fee Required</td>
</tr>
<tr>
<td>SCE 4320</td>
<td>Teach Methods Mid Grades Sci</td>
<td>3</td>
<td>Survey techniques and materials unique to science, grades 5-9. Not designed for high school certification purposes.</td>
</tr>
<tr>
<td>SCE 4330</td>
<td>Science Methods 6-12</td>
<td>3</td>
<td>Techniques and materials of instruction in middle and secondary schools.</td>
</tr>
<tr>
<td>SCE 4936</td>
<td>Senior Seminar: Biology Ed</td>
<td>3</td>
<td>Capstone course taken concurrently with the final internship. Trends and issues within the field of secondary education are examined from the perspective of the final internship experience. Corequisites: SCE 4940</td>
</tr>
<tr>
<td>SCE 4940</td>
<td>Internship: Science Education</td>
<td>9</td>
<td>One full semester of internship in a public or private school. In special program where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates for 9-12 semester hours. (S/U only) Corequisites: SCE 4936</td>
</tr>
<tr>
<td>SCE 4941</td>
<td>Integ Field Exper: Science</td>
<td>3</td>
<td>Semester long internships to observe and demonstrate effective teaching practices. Student will partially assume teacher role in selected schools. Student will be in 2-3 settings for a total of 12 weeks. Part of the course experience will be a 2 week experience teaching sound language learners. Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C and RED 4350 with a minimum grade of C and TSL 4520 with a minimum grade of C</td>
</tr>
<tr>
<td>SCE 5937</td>
<td>Special Topics in Science Ed</td>
<td>4</td>
<td>Special topics which can be repeated when topics are not duplicated.</td>
</tr>
<tr>
<td>SCE 6326</td>
<td>Meths of Teach Soc Sci</td>
<td>6-12</td>
<td>The course taken as a co-requisite with the final internship, will focus on the methods of teaching social science in middle and senior high school grades. Major themes will address strategies for teaching adolescents, curriculum adaptation for special needs students. Assessment of student learning, and current literature for teaching social science, as well as, strategies for teaching the various disciplinary areas either alone or in an integrated fashion. Corequisites:</td>
</tr>
<tr>
<td>SCE 6337</td>
<td>Science Methods: High School</td>
<td>3</td>
<td>Techniques and materials of instruction for teaching science in the high school classroom. Focus on strategies for teaching the older adolescent, curriculum adaptation for special needs and purposes, assessment of student learning, and familiarity with recent literature in the teaching of science. Prerequisites: Fee Required</td>
</tr>
<tr>
<td>SCE 6366</td>
<td>Science Methods: 6-12</td>
<td>3</td>
<td>Techniques and materials of instruction for teaching science in middle school and senior high school, addressing strategies for teaching adolescents, curriculum adaptation for special needs students, adaptations for LEP learners, and current literature for teaching science. Special emphasis on state and national standards.</td>
</tr>
</tbody>
</table>
| SCE 6455   | Trends in Science Instruction                     | 3       | Topics in the biological and physical sciences appropriate for teaching in elementary school programs. Analysis of modern
curriculum materials used in presenting science as a process of inquiry.

SCE 6849 Capstone Sem:Environ Education 1 to 3 credits
Candidates will design and conduct a scholarly research project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student's concentration. Students may register for up to 2 additional hours in subsequent semester. Instructor permission required.

SCE 6945 Internship in Sci/Bio, 6-12 6 credits
The M.A.T. program internship is an opportunity to integrate theoretical knowledge from previous education courses with classroom experience to demonstrate behaviors specified in the Educator Accomplished Practices and the Florida Performance Measurement System. Admission to the MAT program or permission of instructor required.

SDS 6820 Intern. in School Counseling 3 to 6 credits
Field experience involving full time participation in all school counseling and guidance related activities in an elementary or secondary school; classroom guidance, individual and group counseling, assessment/evaluation, staffing, record keeping, etc.
Prerequisites: Corequisites:

SDS 6830 Internship: School Counseling 3 to 6 credits
An immersion experience for students to assume and perform all the duties associated with the role of the professional school counselor. Focus will be on extending knowledge from previous courses into practice in the professional setting.
Prerequisites: MHS 6401
Corequisites:

SLS 1108 Effective Learning Sci & Math 2 credits
Introduction to skills required for science and mathematics courses. The topics include laboratory report documentation, searching scientific literature, writing laboratory reports, use of the graphing calculator, use of Excel for science calculations, graphing and analysis of data, general learning strategies such as note-taking and listing skills and relation of science and math to the FGCU student learning outcomes.

SLS 1501 Effective Learning 3 credits
Development of strategies for success in higher education. Course includes assessment of individual learning styles and practical application to time management; effective note-taking; study and testing habits; and use of information resources.

SOP 2770 Intro to Human Sexuality 3 credits
The biopsychosocial perspective will be used to examine the fundamentals of human sexuality and sexuality related issues to include the nature, variety and consequences of human sexual behavior.
Prerequisites: PSY 2012 with a minimum grade of C

SOP 4004 Social Psychology 3 credits
Survey of methods, empirical findings, and theoretical interpretations in the study of individual behavior and group processes. Topics include persuasion, stereotyping, aggression, altruism, and social influence.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

SOP 4714C Environmental Psychology 3 credits
Explores the influences of environment on behavior. Topics considered include crowding, privacy, territorial behavior, environmental design, and pollution effects.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

SOW 3036 Introduction to Social Work 3 credits
An overview of the profession of social work and of the fields of social work practice such as health, mental health, public administration, education, social welfare, recreation, criminal justice, youth services, and rehabilitation.

SOW 3101 HBSE I 3 credits
Covers, from an ecological and critical perspective, community as context, support, and vehicle of change, groups as contexts of development, and individual social change, and the family as a community subsystem.
Prerequisites: SOW 3010 and SOW 3222

SOW 3102 HBSE II 3 credits
Covers community as context and support, and vehicle of change within an ecological and critical perspective, the importance of peer and support groups, and social networks and organizations.
Prerequisites: SOW 3101 and SOW 3222

SOW 3110 Field Education I 6 credits
Supervised field internship required of all BSW majors. Placement is made by the Coordinator of Field Education. 250 contact hours are required. This course is section I of the field requirement.
Prerequisites: SOW 3101 and SOW 3102 and SOW 3232 and SOW 3300 and SOW 3322
Corequisites: SOW 4521

SOW 3111 Field Education II 6 credits
Part II of the required supervised field experience consisting of 250 contact hours in the same agency as Field Education I unless otherwise directed by the Coordinator of Field Education.
Prerequisites: SOW 4060
Corequisites: SOW 4522

SOW 3222 Practice II: Groups 3 credits
Integration of academic theories and field experiences related to group practice and community interventions in relation to the structure, function, and dynamics of groups and communities.
Prerequisites: SOW 3300
Corequisites: SOW 3102

SOW 3300 Practice I 3 credits
This first of three required social work practice courses introduces students to the profession, focuses on phases of the helping process, and teaches students tasks and skills required in practice.

SOW 3322 Practice II: Groups 3 credits
Integration of academic theories and field experiences related to group practice and community interventions in relation to the structure, function, and dynamics of groups and communities.
Prerequisites: SOW 3300
Corequisites: SOW 3102

SOW 4060 BSW Field Education I 6 credits
Supervised field internship required of all BSW majors. Placement is made by the Coordinator of Field Education. 250 contact hours are required. This course is section I of the field requirement.
Prerequisites: SOW 3101 and SOW 3102 and SOW 3232 and SOW 3300 and SOW 3322
Corequisites: SOW 4521

SOW 4061 BSW Field Education II 6 credits
Part II of the required supervised field experience consisting of 250 contact hours in the same agency as Field Education I unless otherwise directed by the Coordinator of Field Education.
Prerequisites: SOW 4060
Corequisites: SOW 4522

SOW 4194 Inter-relational Violence 3 credits
Examines dynamics related to inter-relational violence and the dynamic constructs of violence, offender profiles and victim intervention strategies.

SOW 4274 International Social Work 3 credits
Explores the social meanings and implications of different
groups of people within an International environment with emphasis on local social service delivery systems. Students observe and compare and contrast traits in people from countries.

SOW 4314 Practice III: Case Management 3 credits
Approaches used by the generalist social worker to meet the service needs of the client. Case management with children and families, chronically mentally ill, developmental and physically disabled, chronic substance abusers, and those in health care settings.
Prerequisites: SOW 3322

SOW 4332 Practice IV 3 credits
Focuses on the role of the social worker in effecting change in the community and organizations. Provides a basic introduction to tools for community organizing, advocacy and lobbying in the context of the social work change process. Social, political and economic factors that influence change in large systems will be discussed.
Prerequisites: SOW 4314

SOW 4401 Social Work Research 3 credits
This course presents experimental research and program evaluation tools with emphasis on gathering data, operationalizing research and evaluative hypotheses, and analyzing, and interpreting research. Basic statistical applications and the use of statistical software are introduced. It is suggested that students take STA 2023; SYG 2000 or PSY 2012 before enrolling in this course.

SOW 4521 BSW Field Seminar 3 credits
Integrates theory and practice and provides an interactive venue for field related issues. Students are expected to demonstrate skills and knowledge related to their internship experience.
Prerequisites: SOW 3101 and SOW 3102 and SOW 3300 and SOW 3322

SOW 4522 BSW Integrative Senior Seminar 3 credits
The capstone course in the BSW program. Classroom and field learning are integrated. Students prepare to enter professional field of practice.
Prerequisites: SOW 3102 and SOW 3101 and SOW 3322

SOW 4601 Issues in Health/Mental Health 3 credits
This course examines the impact of poverty on the health and mental health status of Americans and the role of social work in ameliorating that impact. The literature examining the socioeconomic factors in determining health status and access to health care will be reviewed. Comparison will be made with other developed nations. This semester particular emphasis will be placed on two recently released reports of the U.S. Public Health Service: Healthy People 2010 and The Surgeon General's Report on Mental Health. Comparisons will be made with pending state and federal legislation. Social Work practice within health and mental health specialty area will be examined from contemporary perspectives and projections for the future. There will be opportunity to earn at least six hours community service through participation in a primary health care activity.

SOW 4643 Issues in Aging 3 credits
Examines the changing portrait of older persons and how aging is shaped by race, class, culture, gender, sexual orientation, physical and social environments, cohort experiences, and ageism.

SOW 4650 Child Abuse 3 credits
This introduction to child maltreatment course provides definitions of various types of maltreatment, characteristics of perpetrators and maltreated children and indicators of child abuse and neglect. Child protection investigations, treatment, and the professional's role in a multidisciplinary team approach are also included.

SOW 4676 Loss and Bereavement 3 credits
Overview of loss and bereavement related to death, health, job or relationships. Examines the historical, cultural, social and legal aspects of death and bereavement.

SOW 4677 Vulnerable Populations 3 credits
Examines issues in vulnerable populations of interest to social service providers in Southwest Florida such as policy, practice, service delivery and community needs. Context varies with current conditions.

SOW 4700 Chemical Dependency 3 credits
Examines contemporary controversies surrounding social, psychological, and biological theories of substance abuse and treatment, analyzes the impact of these controversies on social service systems and presents implications for practice.

SOW 4724 Child Welfare 3 credits
Current issues about children and families in Southwest Florida including historical perspectives, policy, practice, service delivery, and community needs for services in daycare, public welfare, child abuse and neglect services, juvenile courts and ethics.

SOW 4901 Independent Study 3 credits
Individual Study by students under the direction of a faculty member. Topics vary and are usually selected on an individual basis.

SOW 6105 Human Beh in SocEnv I: Micro 3 credits
First of two required courses with content on the reciprocal relationships between human behavior, the impact upon one's health and social systems. Human developmental theories, i.e. psychological, social, biological, cultural and spiritual, across the life span are examined.
Corequisites: SOW 6235

SOW 6106 Human Behavior in Social Env 3 credits
Second of two required courses provides content on reciprocal relationships between human behavior and social systems with emphasis on groups, organizations, communities and relevant macro systems theories. Community development and global perspectives are also examined.
Prerequisites: SOW 6105

SOW 6124 Psychopathology Clinical 3 credits
Explores the differential diagnostic process using the DSM IV-TR for assessing symptoms of major mental disorders. Examines concerns about reimbursement, and diverse clients. Fulfills statutory educational requirement for clinical licensure in Florida.
Prerequisites: SOW 6629 and SOW 6532 and SOW 6306 and SOW 6405 and SOW 6236 and SOW 6533

SOW 6180 Community Organization 3 credits
Focuses on major comparative theories and methods of community organizing, knowledge and skills for advanced assessment, and intervention with neighborhoods, communities, and organizations. The impact of economic, political, and organizational policies on communities is examined.
Prerequisites: SOW 6362 and SOW 6344 and (SOW 6537 or SOW 6124 )
Corequisites: SOW 6369

SOW 6181 Grassroots Community Org 3 credits
The focus of this course is clinical community practice using strategies and tactics of grassroots community organizing within the values and ethics of empowerment practice with a multicultural perspective. Prerequisites: SOW 6626 and SOW 6235 and SOW 6532 and SOW 6305 and SOW 6105 and SOW 6106 and SOW 6306 and SOW 6405 and SOW 6106 and SOW 6236 and SOW 6533 and SOW 6383 and SOW 6180.

SOW 6235 Social Welfare and History 3 credits
An introduction to current and historical structure of social welfare policies and system, the historical development of social work profession and policies that form the foundation of social welfare from a local, state, national and international perspective. Corequisites: SOW 6105.

SOW 6236 Social Policy Analysis 3 credits
Introduces the legislative process of law making, lobbying, and advocacy on the local and state level for populations with diminished access or economic influence; includes policy practice skills regarding economic, political and organizational systems. Prerequisites: SOW 6106.

SOW 6305 Social Work Practice I 3 credits
Course is an introduction to foundation social work skills within the core values and ethics of the profession. Students acquire knowledge in communications skills, engagement strategies assessment, initial intervention strategies and termination skills. Prerequisites: SOW 6235 and SOW 6105 and SOW 6236 and SOW 6106. Corequisites: SOW 6931.

SOW 6306 Social Work Practice II 3 credits
Identifies, analyzes, and implements empirically based interventions and practice theories designed to achieve client goals; evaluates program outcomes and practice effectiveness, and includes content on providing leadership for policies and services. Prerequisites: SOW 6305 and SOW 6235 and SOW 6105 and SOW 6106 and SOW 6236. Corequisites: SOW 6405.

SOW 6344 Adv. Clinical Group Practice 3 credits
Prepares students for advanced clinical social work practice in group treatment settings. Presents evidenced-based interventions and skills for therapeutic group interventions and with diverse clients experiencing complex dilemmas. Prepares students for group interventions with greater depth, breadth, and specificity. Prerequisites: SOW 6629 and SOW 6235 and SOW 6532 and SOW 6305 and SOW 6105 and SOW 6306 and SOW 6405 and SOW 6106 and SOW 6236 and SOW 6533. Corequisites: SOW 6124, SOW 6435.

SOW 6362 CCP III: Individual and Family 3 credits
Seeks to deepen the knowledge base of integrated social work practice including the life model and empowerment approaches to social work model and empowerment approach to social work practice. The aim is to develop student’s knowledge skills and capacity for more autonomous practice so that they are prepared to help diverse client populations in diverse settings and be able to evaluate the effectiveness of their own practice. Prerequisites: SOW 6306 and (SOW 6535 or SOW 6557). Corequisites: SOW 6344.

SOW 6369 Advanced Practice Seminar 3 credits
Students explore professional development needs, career opportunities, and specialized treatment techniques. Prerequisites: SOW 6344 and SOW 6124 and SOW 6180 and SOW 6435. Corequisites: SOW 6180.

SOW 6383 Administration I 3 credits
This course introduces the essential knowledge and skills needed to effectively manage social service units, agencies or organizations. Concepts of effective management will be discussed including leadership skills and style. Prerequisites: SOW 6384.

SOW 6384 Supervision and Training 3 credits
Examines philosophy, functions, principles and methods of supervision as well as staff development and training in diverse agency settings within the context of social work value and ethics. Emphasis is given to the knowledge and skills required to motivate and retain an effective multicultural workforce, to effectively supervise varying levels of staff, (volunteers, non-professionals, professionals, including clinical supervision), as well as program, teams, or agency units. Prerequisites: SOW 6383. Corequisites: SOW 6386.

SOW 6386 Administration II 3 credits
Students will learn strategic planning; designing and restructuring organizations; managing finances; managing multicultural workplaces and culturally competent programs; and program evaluation. The case method is used to apply theories to the practical administrative problems and to increase students’ understanding of alternative ways to analyze and resolve problems. Prerequisites: SOW 6383. Corequisites: SOW 6386.

SOW 6405 Research I: Methods 3 credits
Introduces qualitative and quantitative scientific inquiry approaches to knowledge building for practice including problem formulation, data collection, methodology, data analysis and presentation of findings. Ethical issues in research are also examined. Prerequisites: SOW 6105 and SOW 6236 and SOW 6106 and SOW 6305 and SOW 6235. Corequisites: SOW 6306.

SOW 6435 Research II: Practice Eval 3 credits
Introduces advanced skills for program development and practice evaluation utilizing both qualitative and quantitative methods that are designed for evaluating their own practice, and improving policy and service delivery. Examines ethical issues related to conducting research with oppressed and vulnerable populations. Prerequisites: SOW 6405 and SOW 6305 and SOW 6306. Corequisites: SOW 6344, SOW 6553.

SOW 6532 Field Education I 3 credits
Introduces students to beginning integrated social work practice in an approved agency where they will have an opportunity to develop generic skills applicable to individuals, families, groups and communities. Students spend 275 hours or 18 hours per week at approved placement practice sites. Prerequisites: SOW 6305 or SOW 6553. Corequisites: SOW 6344, SOW 6553.

SOW 6533 Field Education II 3 credits
Designed to allow students to practice within an empowerment oriented, ecological approach at a beginning generalist level, developing skills in working with individuals, families, groups, communities and wider systems. Prerequisites: SOW 6532 and SOW 6305 and SOW 6105. Corequisites: SOW 6306.
SOW 6535 Field Instruction III 3 credits
An advanced level social work practice course that provides students with specific skills applicable to individuals, families, groups and communities. These practice skills are based upon an ecological and empowerment oriented perspective that addresses biopsychosocial responses to environmental, social, and psychological stress. DSM-IV assessment is included.
Prerequisites: Corequisites:

SOW 6537 Field Education IV 3 credits
During this semester students will continue to conduct multimodal clinical, group, and community oriented assignments of increased complexity. They will continue to integrate classroom and practice learning through assignments.
Prerequisites: SOW 6535
Corequisites: SOW 6180, SOW 6369

SOW 6552 Field Education IC - Part time 2 credits
MSW students have an opportunity to apply third semester generalist social work practice skills to individuals, families, groups, and communities. Students spend 183 hours per semester or 12 hours per week at approved practicum sites.
Prerequisites: SOW 6554

SOW 6553 Field Education IA - Part time 2 credits
Introduces students to beginning generalist social work practice in an approved agency where they will have an opportunity to develop basic skills applicable to individuals, families, groups and communities. Students spend 183 hours per semester or 1 hour per week at approved placement practicum sites.
Prerequisites: SOW 6550
Corequisites: SOW 6305

SOW 6554 Field Education IB - Part time 2 credits
MSW students have an opportunity to apply second semester generalist social work practice skills to individuals, families, groups and communities. Students spend 183 hours per semester or 12 hours per week at approved practicum sites.
Prerequisites: SOW 6553
Corequisites: SOW 6306

SOW 6555 Field Education IA - Part Time 2 credits
Introduces students to beginning generalist social work practice in an approved agency where they will have an opportunity to develop basic skills applicable to individuals, families, groups and communities. Students spend 183 hours per semester or 1 hour per week at approved placement practicum sites.
Prerequisites: SOW 6550
Corequisites: SOW 6305

SOW 6556 Field Education IIA - Part Time 2 credits
In the Concentration Year (2nd year) MSW students have the opportunity to apply specialist skills in clinical community social work practice (CCP) to individuals, families, groups, and communities. Students spend 183 hours per semester or 12 hours per week at approved practicum sites.
Prerequisites: SOW 6552

SOW 6570 Field Education IIB 2 credits
In the second semester of the Concentration Year (2nd Year), MSW students have an opportunity to apply specialist skills in clinical community social work practice (CCP) to individuals, families, groups, and communities. Students spend 183 hours per semester or 12 hours per week at approved practicum sites.
Prerequisites: SOW 6566

Corequisites: SOW 6344, SOW 6362

SOW 6571 Field Education IIC 2 credits
In the Concentration Year (2nd Year), MSW students have an opportunity to apply specialist skills in clinical community social work practice (CCP) to individuals, families, groups and communities. Students spend 183 hours per semester or 12 hours per week at approved practicum sites.
Prerequisites: SOW 6570
Corequisites: SOW 6344, SOW 6362

Prepares students for advanced clinical social work practice with families and couples. Evidence-based treatment models, such as structural, strategic, solution-focused and cognitive behavioral, for working with diverse families and couples and populations-at-risk, are explored.
Prerequisites: SOW 6124 and SOW 6180 and SOW 6344 and SOW 6435

SOW 6616 Adv. Clin. Practice with Ind. 3 credits
Prepares students for advanced clinical social work practice with individuals by examining evidenced based theories clinical diagnostic impressions, treatment planning and outcome measures. Provides advanced skills for clinical intervention with diverse populations.
Prerequisites: SOW 6235 and SOW 6105 and SOW 6236 and SOW 6106 and SOW 6305 and SOW 6405 and SOW 6306
Corequisites: SOW 6124

SOW 6629 Human Diversity & Oppression 3 credits
Introduction to human diversity and oppression, including structural and critical analysis. Critical empowerment, strength perspective plus commitment to advocating with clients for social justice are also features of this course.

SOW 6641 SocWk Practice w/Older Persons 3 credits
Focuses on social work practice with older persons individually, with families, in groups and in the community. Theoretical perspectives relevant to the aging process will also be reviewed.

SOW 6653 SWK Practice with Children 2 credits
Addresses clinical community practice with children in a variety of settings, such as family agencies, child guidance, child welfare agencies, protective services, schools and medical settings. Course content will include assessment and intervention with children focusing on cultural competency skills for working on problems affecting children such as parenting, child abuse and neglect, trauma, school performance, etc.

SOW 6655 SWK Practice with Children 3 credits
Addresses clinical community practice with children in a variety of settings, such as family agencies, child guidance, child welfare agencies, protective services, schools, and medical settings. Course content will include assessment and intervention with children focusing on cultural competency skills for working on problems affecting children, such as parenting, child abuse and neglect, trauma, school performance, etc.

SOW 6900 Independent Study 1 to 3 credits
A reading program in selected topics under supervision of a faculty member. A formal contract must be approved by the Chairperson. Admission to MSW program and Departmental approval required.

SOW 6931 Special Topics in Social Work 3 credits
Examines advanced topics in social work practice and theory. The specific topic varies to meet the needs of current students and practitioners. Restricted to MSW students; others by departmental approval.
SPA 2612 Basic American Sign Language 3 credits
Introduction to American Sign Language as used in the deaf community. General discussion of ASL systems and philosophies. Emphasis on building a basic vocabulary. One-hour laboratory course (SPA 2612L) to be taken concurrently. ~ Course replaced with ASL 2140
Corequisites: SPA 2612

SPA 2612L Basic American Sign Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment at each level of sign language is required. ~ Course replaced with ASL 2140L
Corequisites: SPA 2612

SPA 2613 Interim American Sign Language 3 credits
A continuation of the basic course which expands the student’s signing skills and introduces American Sign Language idioms. Provides a greater opportunity for skill development in ASL structure and idiomatic language. One-hour laboratory course to be taken concurrently. ~ Course replaced with ASL 2150
Corequisites: SPA 2613L

SPA 2613L Interim American Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in SPA 2613. ~ Course replaced with ASL 2150L
Corequisites: SPA 2613

SPA 4000 Commun Disorders in Pub Schils 3 credits
An examination of the speech, language and hearing problems affecting school age children and the classroom teacher’s role in the detection, prevention and amelioration of communication disorders.

SPC 1595 Intercollegiate Speech Debate 1 credits
Competitive forensics participation for students with limited experience. May be repeated for a maximum of 4 credit hours. Prerequisite: Consent of Instructor.

SPC 1596 Forensics Activity 1 credits
Noncompetitive forensics participation for students with limited experience. May be repeated for a maximum of 4 credit hours.

SPC 1600 Fundamentals of Communication 3 credits
Introduces students to the full range of communication from interpersonal communication and small group communication to public speaking. Students explore fundamental communication concepts and topics and develop skills to put these principles to work.

SPC 2023 Public Speaking 3 credits
Instruction and practice in effective public speaking. Includes practical experience in speech composition, delivery, and critique.

SPC 3210 Theories of Human Communication 3 credits
Examines human communication theories in a variety of areas including interpersonal, nonverbal, information processing, verbal, intrapersonal, message production, group and public communication.

SPC 3301 Interpersonal Communication 3 credits
Basic characteristics of the systems and symbolic interaction approaches to interpersonal communication, consideration of interpersonal needs, self disclosure, listening, perception, attraction, and social conflict.

Prerequisites: SPC 3210 with a minimum grade of C

SPC 3330 Nonverbal Communications 3 credits
Examines nonverbal communication theory and behavior including the areas of kinesics, proxemics, haptics, object language, paralanguage, and chronemics.

SPC 3350 Listening Theory 3 credits
Examines the full range of listening theory and practice from the discriminative level all the way up to the metacognitive level. Covers theories of and approaches to interpersonal, empathic, academic, therapeutic, and appreciative listening.

SPC 3360 Interviewing 3 credits
Teaches the principles of interviewing both from the interviewer and interviewee perspectives, including how to structure an interview, question development, and understanding the interviewing process. Practice in a variety of types of interviews including employment, survey, performance appraisal, and persuasive interviews.

SPC 3408 Stand-Up Comedy 3 credits
Upper-level performance class exploring stand-up comedy. The course will focus on four primary methodologies: (1) History of stand-up comedy (2) Rhetorical analysis of stand-up comedy (3) Development and performance of an original five-minute routine (4) Production and promotion of a stand-up comedy show.

Prerequisites: SPC 2023 with a minimum grade of B

SPC 3425 Group Communication 3 credits
Students study small group discussion and problem solving in this course. A basic understanding of theory behind purposeful discussion is taught in addition to providing students with practical experiences participating in or leading small groups. Permission of Instructor.

Prerequisites: SPC 1600 or SPC 2023

SPC 3513 Argumentation and Debate 3 credits

SPC 3543 Enviro Persuade Activism 3 credits
Theories and practice of persuasion and activism are examined and are related to environmental movements. Successful environmental persuasive messages and activists strategies will be examined and students will apply concepts to a real environmental cause.

SPC 3593 Intercollegiate Speech Debate 1 credits
Competitive forensics participation for students with experience. May be repeated for a maximum of 4 credit hours. Prerequisites: Good academic standing, Junior Status and consent of the instructor.

SPC 3594 Forensics Activity 1 credits
Noncompetitive forensics participation for students of Junior or Senior standing. May be repeated for a maximum of 4 credit hours.

SPC 3602 Advanced Public Speaking 3 credits
Development of public speaking abilities to become proficient in both the construction and delivery of a speech. Students will be required to deliver speeches both to their classmates as well as in the community.

Prerequisites: SPC 2023 or SPC 1600

SPC 3604 Environmental Public Speaking 3 credits
Gives students the opportunity to develop further their public
speaking abilities with specific emphasis on the construction and delivery of speeches on environmental themes. Students will be required to deliver speeches both to their classmates as well as in the community.

Prerequisites: SPC 2023

SPC 3721 Interracial/Intercultural Comm 3 credits
Examines interracial and intercultural communication theory and behavior. Explores the effect of race, gender, exceptionality, age, regionalism, occupation and education.

SPC 4900 Directed Reading/Ind. Sty 1 to 6 credits
Independent Study

SPC 4932 Senior Seminar 3 credits
Supervised senior projects. Examination of relevant current communication research. Shared results of student research.

Prerequisites: SPC 3210 with a minimum grade of C and PHI 3223 with a minimum grade of C and SPC 3271 with a minimum grade of C

SPC 4941 Internship 1 to 6 credits
Supervised professional experience in a communication related field. Interns report to and are assessed by a faculty member.

Prerequisites: SPC 3210 with a minimum grade of C and PHI 3223 with a minimum grade of C and PHI 3106 with a minimum grade of C and SPC 3271 with a minimum grade of C

SPC 4944 Enviro Communication Internship 1 to 6 credits
Supervised professional experience with environmental organizations. Internships involve work with bona fide professional organizations strongly involved with environmental communication. Interns report to and are assessed by a faculty member.

Prerequisites: SPC 3210 and PHI 3223 and PHI 3106 and SPC 3271

SPM 3004 Principles of Sports Mgt 3 credits
The role of sport management in contemporary sporting environments. Focus will be on providing an introduction to sports industry; growth trends in the industry; and careers in the industry, including an overview of management in the professional sports franchise; intercollegiate athletics, sports marketing and promotions; sports law; facilities management; the health club and resort industry; sports tourism; and other current trends in sport management. (Junior standing required)

SPM 4104 Sport Facility & Event Mgt. 3 credits
An understanding of the role of the sport facility in society is stressed. Topics include building a facility, feasibility studies, financing of a facility, types of facilities, producing events, day-to-day operations, concessions, maintenance, franchise interaction, and the career paths to become a successful facility manager. Special event programming topics covered include protocols in planning sports events, risk management assessment, celebrity contracts, media marketing, sponsorship, merchandising, advertisement, hospitality, and assessment of event success.

Prerequisites: PET 3460 or SPM 3004

SPM 4304 Sports Promotion 3 credits
An introduction to the marketing of sport as a product and the promotion of sport activities. Topics include the definition of the market, consumer analysis, market segmentation, product licensing, product positioning, pricing, promotion, marketing communication, and distribution, as they apply to sports. Corporate sponsorship, fundraising, sales and public relations are also covered.

Prerequisites: PET 3460 or SPM 3004

SPN 1030 Span for Health Professions I 3 credits
This course emphasizes on the practical application of Spanish to communicational situations relative to patients and personnel.

Corequisites: SPC 3013L

SPN 1031 Span for Health Profession II 3 credits
This course emphasizes on the practical application of Spanish to communicational situations relative to patients and personnel.

Prerequisites: SPN 1030 with a passing grade
Corequisites: SPC 3013L

SPN 1100 Beginning Spanish I 3 credits
This is the first course in the first-year Spanish sequence and introduces students to the Spanish language. The topics included in the course are Spanish grammar, syntax, and vocabulary. Through the application of the grammar and vocabulary, students are introduced to some of the cultures and peoples of Spanish heritage. Not open to native or near-native speakers of Spanish. ~ Course replaced with SPN 1120
Corequisites: SPC 1000

SPN 1100L Beginning Spanish I Lab 1 credits
The lab provides opportunities for students to practice listening comprehension, speaking, sounds, and the grammar and vocabulary learned in this course. ~ Course replaced with SPN 1120L
Corequisites: SPN 1100

SPN 1101 Beginning Spanish II 3 credits
This is the second course in the first-year Spanish sequence and continues to introduce students to the Spanish language. The topics included in the course are Spanish grammar, syntax, and vocabulary. Through the application of the grammar and vocabulary, students are introduced to some of the cultures and peoples of Spanish heritage. Not open to native or near-native speakers of Spanish. ~ Course replaced with SPN 1121
Prerequisites: (SPN 1100 with a passing grade and SPN 1000L with a passing grade) or (SPN 1120 with a passing grade and SPN 1120L with a passing grade)
Corequisites: SPN 1101L

SPN 1101L Beginning Spanish II Lab 1 credits
This is the laboratory which accompanies SPN 1101. Through oral and written exercises, it provides students with the opportunities to practice what they have learned in the classroom. ~ Course replaced with SPN 1121L
Prerequisites: (SPN 1100 with a passing grade and SPN 1120L with a passing grade) or (SPN 1120 with a passing grade and SPN 1121L with a passing grade)
Corequisites: SPN 1101

SPN 1120 Beginning Spanish I 3 credits
This is the first course in the first-year Spanish sequence and introduces students to the Spanish language. The topics included in the course are Spanish grammar, syntax, and vocabulary. Through the application of the grammar and vocabulary, students are introduced to some of the cultures and peoples of Spanish heritage. Not open to native or near-native speakers of Spanish.
Corequisites: SPC 1120L

SPN 1120L Beginning Spanish I Lab 1 credits
This lab provides opportunities for students to practice listening comprehension, speaking, sounds, and the grammar and vocabulary learned in this course.
Corequisites: SPN 1120
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 1120L</td>
<td>Intermediate Spanish I Lab</td>
<td>1</td>
<td>The laboratory which accompanies SPN 2200. Practice in oral and written exercises, it provides students with the opportunities to practice what they have learned in the classroom. Prerequisites: SPN 1120L with a passing grade and SPN 1101L with a minimum grade of C.</td>
</tr>
<tr>
<td>SPN 1120L</td>
<td>Intermediate Spanish I</td>
<td>3</td>
<td>A study of syntax, grammar, vocabulary, and writing is the focus of this course. Permission of instructor required.</td>
</tr>
<tr>
<td>SPN 2201</td>
<td>Conversation</td>
<td>3</td>
<td>Development of basic conversational skills. The class is not open to native or near-native speakers of Spanish.</td>
</tr>
<tr>
<td>SPN 2240</td>
<td>Survey of Span Cult &amp; Civ I</td>
<td>3</td>
<td>Introduction to the people, institutions, and culture of Spain, from its origins to the aftermath of Spain's Golden Age and world influence. For third and fourth year Spanish majors, and non-majors. Lectures as well as assigned reports and papers are in Spanish. Prerequisite: Instructor's Authorization.</td>
</tr>
<tr>
<td>SPN 3400</td>
<td>Conversation &amp; Composition I</td>
<td>3</td>
<td>Practice in listening comprehension, speaking, reading and writing is the focus of this course. The class involves reading texts, collateral reading, reports, and discussions of written compositions. Prerequisite: Placement Test, or Instructor's Authorization.</td>
</tr>
<tr>
<td>SPN 3500</td>
<td>Advanced Oral Expression</td>
<td>3</td>
<td>Oral skills, using literary text from Spain and Latin America as sources of discussions, oral reports, speeches, and conversation. It includes diction exercises, phonetic drills, and extensive recordings. Prerequisites: Instructor's Authorization.</td>
</tr>
<tr>
<td>SPN 3411</td>
<td>Survey of Span Cult &amp; Civ II</td>
<td>3</td>
<td>Continuation of practice in understanding, speaking, reading, and writing. It includes reading texts, collateral reading, reports and discussions of written compositions. Prerequisites: SPN 3400 with a passing grade.</td>
</tr>
<tr>
<td>SPN 3440</td>
<td>Survey of Span Cult &amp; Civ III</td>
<td>3</td>
<td>Oral skills, using literary text from Spain and Latin America as sources of discussions, oral reports, speeches, and conversation. It includes diction exercises, phonetic drills, and extensive recordings. Prerequisites: Instructor's Authorization.</td>
</tr>
<tr>
<td>SPN 3500</td>
<td>Survey of Span Cult &amp; Civ IV</td>
<td>3</td>
<td>Continuation of practice in understanding, speaking, reading, and writing. It includes reading texts, collateral reading, reports and discussions of written compositions. Prerequisites: SPN 3440 with a passing grade.</td>
</tr>
<tr>
<td>SPN 3500</td>
<td>Survey of Span Cult &amp; Civ V</td>
<td>3</td>
<td>Continuation of practice in understanding, speaking, reading, and writing. It includes reading texts, collateral reading, reports and discussions of written compositions. Prerequisites: SPN 3500 with a passing grade.</td>
</tr>
<tr>
<td>SPN 3500</td>
<td>Survey of Span Cult &amp; Civ VI</td>
<td>3</td>
<td>Continuation of practice in understanding, speaking, reading, and writing. It includes reading texts, collateral reading, reports and discussions of written compositions. Prerequisites: SPN 3500 with a passing grade.</td>
</tr>
</tbody>
</table>
tion.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

**SPN 3520 Latin Amer Cult & Civil I** 3 credits
Introduction to the people, institutions, cultures, and civilizations of Latin America, from its pre-Columbian origins through the Spanish conquest and colonial period. For third and fourth year majors and non-majors. Lectures as well as assigned reports and papers are in Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

**SPN 3710 The Spanish Language** 3 credits
Applies the principles of linguistics to the design of professional and pedagogical material, and to the study and teaching of Spanish. Recommended for advanced majors, education majors, or teachers planning to teach Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 2240 with a passing grade

**SPN 4410 Advanced Conversation** 3 credits
Intensive practice in the formulation and expression of ideas in standard Spanish is the focus of this course. The class is not open to native or near-native speakers of Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 3411 with a minimum grade of C

**SPN 4470 Advanced Senior Study Abroad** 1 to 6 credits
Foreign residence and advanced study, research, and/or work, internship. Credits earned must be preapproved and will be evaluated on an individual case basis in order to validate transfer of credits. Permission of the Instructor is required.

**SPN 4537 Spec Top in Afro-Hispanic Cult** 3 credits
Closely examines various topics related to the culture of African Diaspora groups in the Hispanic World. Lectures are in Spanish; materials may be available in Spanish and English; reports and research papers are accepted in both languages. Open to fourth year majors, and non-majors. The course may be cross-referenced with African Diaspora Studies (see prefix in AFA), or with Latin American Studies (see prefix LAS). Prerequisite: Instructor’s authorization for majors.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

**SPN 4538 Cult Exp of Indig People in LA** 3 credits
Examines the various cultural expressions of indigenous peoples of Latin America. Topics include theater, literature, arts and social structures. Lectures are in Spanish; materials may be available in Spanish and English; assigned reports and research papers are accepted in both languages. Open to fourth year majors, and non-majors. This course may be cross-referenced. Prerequisite: Instructor’s authorization for majors.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

**SPN 4910 Directed Independent Research** 3 credits
In this course research projects or certain aspects of research are carried out by one or more students under the supervision of an instructor. The class is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting. The hours and levels may vary. Only for senior Spanish majors. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C and SPN 4537 with a minimum grade of C and SPN 4538 with a minimum grade of C

**SPN 4920 Spanish Symposium** 3 credits
The course offers special sessions centering around a specific topic that are designed to enhance specific professional skills, including professional portfolio preparation. The topics may vary and are selected on the basis of what is new or currently relevant in the field. The hours and levels may vary. Only for senior Spanish majors. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 4440 with a passing grade

**SPT 2721 The Americas: Latino Culture & Soc** 3 credits
This course offers a comprehensive view of Latino Culture and Society in Literature and Film. This course will have three distinct sections. A) Places and People will explore issues related to the history of Latin America/Spain, geography and diversity within regions and nations. B) Diversity of the Latino groups and nations culture, language and traditions will be explored as they are represented in art forms such as film and literature. C) Migration and Displacement will explore the causes and consequences of migration, Latinos in the US and immediate Latino communities through firsthand accounts or memoir, fiction, journalistic reporting or film.

**SPT 3100 Masterpieces** 3 credits
Selected readings in English translations of major works of Spanish literature are offered in this course. The class is designed for students with no knowledge of Spanish. Lectures in English.

**SPT 3130 Latin-American Literature** 3 credits
This class is a survey of Latin American Literature that includes: the Spanish conquest, the colonial period, Independence, 19th and 20th centuries. Highly recommended for Spanish majors. Lectures in English. Prerequisites: SPN 2201 with a passing grade

**SPT 3523 Women Writers of Latin America** 3 credits
Reviews literary works by Latin-American women from the 17th through the 20th century. Topics related to gender, race and ethnicity, values and ethics, social, economic, and political issues are discussed. Readings will include different genres and periods. Highly recommended for Spanish major. Lectures in English.

**SPT 3532 Hispanic Cinema** 3 credits
Survey of major modern films and directors from Spain, Latin America, and the U.S. Lectures, discussions, and assignments in English.

**SPT 4800 Translation Skills I** 3 credits
Designed to develop specialized translation skills. It may also cover literacy, scientific, commercial, legal, and general topics. Prerequisite: Instructor’s Authorization.

**SPT 4801 Professional Translation** 3 credits
Techniques and resources for professional translation. Prerequisite: Instructor’s Authorization.

**SPT 4806 Oral Skills for Interpreters** 3 credits
This course offers voice production in sight translation, consecutive and simultaneous interpretation, vocal projection, enunciation and phonetics. Theory, practice, extensive exercises in vocal control and use of sound equipment are also
covered. Prerequisite: Instructor’s authorization.
Prerequisites: SPT 4812 with a passing grade

SPT 4812 Intro to Oral Translation 3 credits
This course provides an introduction to oral translation, public speaking techniques and written texts. Included in Introduction to Oral Translation are theory, concepts, definition and relation to other techniques. Public speaking techniques include voice projection, poise, enunciation, intonation and ways to develop and control while engaging in complicated mental translations. Prerequisite: Instructor’s authorization, placement test.
Prerequisites: SPN 1120 with a passing grade and SPN 1121 with a passing grade and SPN 2200 with a passing grade and SPN 2201 with a passing grade and SPN 2240 with a passing grade and SPN 2241 with a passing grade and SPN 3410 with a passing grade

SPT 4813 Simultaneous Translation 3 credits
Students are provided training in translation through oral and non-structured writing exercises. Prerequisite: Instructor’s authorization, placement test.
Prerequisites: SPN 1120 with a passing grade and SPN 1121 with a passing grade and SPN 2200 with a passing grade and SPN 2201 with a passing grade and SPN 2240 with a passing grade and SPN 2241 with a passing grade and SPN 3410 with a passing grade

SPW 3030 Intro to Span & Latin Amer Lit 3 credits
Prose fiction, drama, poetry, and essay are the main foci of this course. It also focuses on techniques of literary analysis. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 2201 with a minimum grade of C

SPW 3100 Survey of Spanish Literature 3 credits
Selected literary masterpieces of Spain form Roman times to the present, including poetry, theater, prose, and fiction. Lectures in Spanish only.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3130 Latin American Literature 3 credits
Works of outstanding Latin American authors from Columbus through the 20th century. Readings of some pre-Columbian texts, chronicles, colonial, 19th and 20th century texts. Advanced reading/writing knowledge of Spanish. Lectures in Spanish only.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3320 Modern Hisp Theater Workshop I 3 credits
Introduction to acting and oral practice and Spanish: short scenes will be performed in class; participation in a theater production of a sketch/play in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3423 Masterpieces of Span Gold Age 3 credits
Major works of Spain’s Renaissance and Baroque period (Isabella & Ferdinand through the Habsburg dynasty, 1471-1700). Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3480 Topics in 20th Cent Span Lit 3 credits
Study of selected works by authors from the 1898 thru the Restoration of King Juan Carlos. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3782 Hispanic Women Writers 3 credits
Study of representative women writers from Spain, Latin America, and the U.S. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4282 Contemporary Latin Am Fiction 3 credits
Contemporary masters of short and long fiction works in Latin America. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4604 Cervantes’ Don Quixote 3 credits
Study of Cervantes’ masterpiece in the original, its importance as the first modern novel, and as a literary production inserted in Counter-Reformation, Baroque Spain. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4900 Directed Study 1 to 3 credits
Provides an opportunity for students to engage in research of their choice in special areas of interest. The research may be carried out on an individual or group basis but must be under the supervision of the instructor. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting. For majors in their senior year. Prerequisite: Instructor’s Authorization.

SPW 4930 Selected Topics 1 to 3 credits
The study of selected issues, scholarly works, themes or movements relating to some aspect of Spanish culture and society. For majors in their senior year. Prerequisite: Instructor’s Authorization.

SSE 4153 Social Science Methods 6-12 3 credits
Instructional strategies and materials that are vital elements of the teacher’s knowledge base for making curricular decisions. Survey techniques and materials unique to social science, grades 6-12.
Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C

SSE 4313 Teach. Elem. School Soc. Stud. 3 credits
Methods of planning and teaching subjects related to the study of people and their relationships with other people and their environment.

SSE 4333 Teaching Mid School S.S. 3 credits
Identification of major content areas in the social sciences; correlation of social science fields with state curriculum standards and assessment procedures. Topics related to selecting, organizing, and sequencing teaching materials and methods related to unique needs of pre-adolescents. School-based practicum is required in this course. Includes strategies for working with lower-level readers.

SSE 4334 Sec. S.S. Educ. Teaching Meth. 3 credits
Methods of teaching senior high school social sciences. Emphasis on selecting materials, techniques, methods, assessment strategies for high school students. School-based practicum is a requirement of this course. Includes strategies for working with lower-level readers.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSE 4343</td>
<td>Social Sciences &amp; Humanities</td>
<td>3</td>
<td>Concepts associated with social sciences and humanities. Students will be able to integrate related subjects (e.g., law, humanities, religion, mathematics, and technology) in a comprehensive curriculum. Integrated teaching strategies, methods, and concepts that are appropriate for use with students in grades pre-K through grade 12.</td>
<td>EDG 3201 with a minimum grade of C</td>
</tr>
<tr>
<td>SSE 4640</td>
<td>Comm Skills in Social Studies</td>
<td>2</td>
<td>Reading and communication skills important to understanding social science literature and the teaching of social science. Will include strategies for enhancing students' reading skills, determining materials readability, and generating strategies for non-readers.</td>
<td></td>
</tr>
<tr>
<td>SSE 4936</td>
<td>Senior Seminar: Soc. Science</td>
<td>2 or 3</td>
<td>Synthesis of teacher candidate’s courses and preparation for the professional interview and application process.</td>
<td>SSE 4940</td>
</tr>
<tr>
<td>SSE 4940</td>
<td>Internship in Soc. Science Ed</td>
<td>9</td>
<td>One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates for 9-12 semester hours. (S/U only)</td>
<td></td>
</tr>
<tr>
<td>SSE 4941</td>
<td>Integr Field Exper:Soc Science</td>
<td>3</td>
<td>Semester long internship to observe and demonstrate effective teaching practices. Student will partially assume teacher role in selected schools. Student will be in 2-3 settings for a total of 12 weeks. Part of the course experience will be a 2 week experience teaching second language learners.</td>
<td></td>
</tr>
<tr>
<td>SSE 4937</td>
<td>Special Topics in Soc Sci Educ</td>
<td>3</td>
<td>Techniques, strategies, and concepts employed by social science teachers that are effective in motivating middle and high school students to acquire informational and procedural knowledge about various areas of the world. Students are expected to plan an authentic classroom activity demonstrating the use of the methods, techniques and content studied.</td>
<td></td>
</tr>
<tr>
<td>SSE 6326</td>
<td>Soc Studies Meth: 6-12</td>
<td>3</td>
<td>Focus on teaching social sciences in middle and senior high school, including strategies for teaching adolescents, curriculum adaptations for special needs and LEP learners, and current literature for teaching social sciences. Special attention given to teaching Florida history and government as well as focus on state and national standards.</td>
<td></td>
</tr>
<tr>
<td>SSE 6327</td>
<td>Soc Studies Meth: 9-12</td>
<td>3</td>
<td>Focus on teaching social science in high schools. Themes include strategies for teaching students grades 9-12, curriculum adaptation for special needs students, assessment of students learning, and current literature for teaching social science, as well as strategies for teaching the various disciplinary area either alone or in an integrative fashion.</td>
<td></td>
</tr>
<tr>
<td>SSE 6330</td>
<td>Soc Studies Meth: 9-12</td>
<td>3</td>
<td>Focus on teaching social science in high schools. Themes include strategies for teaching students grades 9-12, curriculum adaptation for special needs students, assessment of students learning, and current literature for teaching social science, as well as strategies for teaching the various disciplinary area either alone or in an integrative fashion.</td>
<td></td>
</tr>
<tr>
<td>SSE 6617</td>
<td>Trends in Soc Studies Instruc</td>
<td>3</td>
<td>Crucial concepts drawn from the social sciences. Analysis of the problems approach. Students will select an area of independent study on an advanced level.</td>
<td></td>
</tr>
<tr>
<td>SSE 5937</td>
<td>Special Topics in Soc Sci Educ</td>
<td>3</td>
<td>Calculus-based introduction to statistics. Basic concepts of probability, data collection, organization and presentation, descriptive statistics, random variables and their distributions, parameter estimation, confidence intervals, hypothesis testing (t and chi-square tests). Emphasis will be on developing conceptual understanding, model selection, and interpretation skills.</td>
<td></td>
</tr>
<tr>
<td>SSE 6945</td>
<td>Internship in Soc Science,6-12</td>
<td>6</td>
<td>Intermediate course covering applied statistical methods including analysis of variance, probability theory, correlation, non-parametric, and regression methods.</td>
<td></td>
</tr>
<tr>
<td>STA 2023</td>
<td>Statistical Methods</td>
<td>3</td>
<td>An intermediate level survey of applied statistical methods with reference to practical problems in science and engineering. This course focuses on single and multi-sample inferential statistics, categorical data hypothesis testing, non-parametric methods, regression and correlation methods, experimental design and applications of statistical software.</td>
<td></td>
</tr>
<tr>
<td>STA 2122</td>
<td>Social Science Statistics</td>
<td>3</td>
<td>Study of theory and applications of regression analysis. Topics include: general linear model, parameter estimation, residual analysis, polynomial and logarithmic regression, model identification, applications to biological and social sciences.</td>
<td></td>
</tr>
<tr>
<td>SYA 3010</td>
<td>Sociological Theory</td>
<td>3</td>
<td>A survey sociological theory from its beginning in the 19th century to the contemporary period. Examines the various schools of thought and major theorists of each of those schools of thought. The works of selected theorists are examined in detail.</td>
<td></td>
</tr>
<tr>
<td>SYA 3120</td>
<td>Contemp Sociological Theory</td>
<td>3</td>
<td>This course examines the major theoretical perspective in Sociology which approach the study of society from the per-</td>
<td></td>
</tr>
</tbody>
</table>
Course Information

SYA 3300 Social Research Methods 3 credits
Introduction to research methodologies in the social sciences providing the basic tools and skills necessary for social research. Special attention is paid to research design, data collection, data analysis, processing data analyses and writing reports. The link between Theory and Research is emphasized.

Prerequisites: SYG 2000 with a minimum grade of C

SYA 3310 Qualitative Research Methods 3 credits
An introduction to the techniques of planning and conducting qualitative research. Components of the course will include analyzing and interpreting qualitative data and field research.

Prerequisites: SYG 2000 with a minimum grade of C

SYA 3910 Directed Independent Study 3 credits
Research projects are carried out by one or more students under the supervision of a faculty mentor. Students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

Prerequisites: SYG 2000 with a minimum grade of C

SYA 4503 Sociology through Film 3 credits
Presentations of sociological phenomena are explored through the use of film including discussions of implicit and explicit messaging, potential positive and negative effects of film on various aspects of social and cultural behavior.

SYA 4654 Program Development 3 credits
Current issues in program evaluation including the qualitative and quantitative techniques used to design, monitor, and evaluate public and private social programs. Components of this course include field experience and case study analyses.

Prerequisites: SYG 2000 with a minimum grade of C

SYA 4935 Senior Capstone 3 credits
Senior Capstone experience for all Sociology majors. In conference with selected faculty, students will devise a senior project that will emphasize the use of synthesis thinking and skill, as well as application of Sociological concepts. The project must be related to the major. Should be taken the final semester of the student’s degree program.

Prerequisites: SYA 3010 with a minimum grade of C and SYA 3300 with a minimum grade of C

SYA 4949 Sociology Internship 3 credits
Practical application of knowledge and skills acquired in the classroom in supervised field settings. Hours may vary and are based upon the nature of the practicum.

SYD 3410 Urban Sociology 3 credits
Study of the nature and development of urban societies, the distribution of populations and the growth of urban institutions. The processes of urban life include social change, population influences, law enforcement, health, and sociocultural, economic and political evolution. Implicit in this course is an interdisciplinary approach to the study of rural communities and societies.

Prerequisites: SYG 2000 with a minimum grade of C

SYD 3440 Rural Sociology 3 credits
Examination of the socio-cultural, political, historical and economic dynamics of rural communities and societies throughout the world including in depth cross-cultural analyses of select countries. Implicit in this course is an interdisciplinary approach to the study of rural communities and societies.

SYD 3625 So Fla Sociocultural Systems 3 credits
An interdisciplinary analysis of South Florida, focusing upon social, economic, political and cultural factors which impact the socio-cultural systems. Knowledge and tools for analysis are drawn from demography, cultural ecology, inter-group relations, and conflict resolution.

SYD 3630 Latin Amer Social Structures 3 credits
An overview of Latin American social structure and factors which support or impede social change, collaboration and cultural maintenance.

Prerequisites: SYG 2000 with a minimum grade of C

SYD 3631 Caribbean Social Structures 3 credits
An overview of Latin American social structure and factors which support or impede social change, collaboration and cultural maintenance.

SYD 3730 The African-American Experience 3 credits
An examination of historical and social factors which have and continue to impact all peoples of African descent in the Americas including the sociological impacts upon African-Americans and their responses to racial subjugation in their realms of life. Special attention is paid to the social, economic, and political consequences of that subjugation. Also included are discussions of the commonalities of experience among the peoples of African descent in the Americas.

SYD 3770 Race & Culture 3 credits
Historical and contemporary study of relationship between race and culture among various minority groups in the US and other selected western societies. Course is cross cultural and global in content and includes such issues as the evolution of racial beliefs and attitudes, the dynamics of prejudice and discrimination, social policies applied to ethics which are reinforced by legal sanctions, and societal theories which attempt to explain such phenomena.

SYD 3800 Sociology Sex Roles & Gender 3 credits
Historical and contemporary global and cross-cultural analysis of sex and gender roles in society. Special attention is paid to socio-psychological aspects, social construction and development of sexual and gender identities, relations to social institutions, and impacts on social change.

SYD 4020 Global Population 3 credits
The sociological determinants of fertility, mortality and migration; theories of population change are also discussed.

Prerequisites: SYG 2000 with a passing grade

SYD 4603 Community Development 3 credits
Examination of the theories, principles and techniques of analysis of major contemporary strategies of community development including the evaluations of the applicability of the theories and strategies in rural and urban areas and strategies for sustainable development.

Prerequisites: SYG 2000 with a passing grade

SYD 4910 Directed Independent Study 3 credits
Research projects are carried out by one or more students under the supervision of a faculty mentor. Students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

SYG 2000 Intro to Sociology 3 credits
As the introductory course in Sociology, a general overview of the discipline is provided. Major sociological concepts, theories and schools of thought, key theorists and the tools of the discipline are discussed.

SYG 2010 Social Problems 3 credits
A general introduction to the sociological study of problems including the nature of a social problem, poverty and inequality, racism, sexism, substance abuse, crime and violence, urban and environmental problems. Interdisciplinary strategies
which have been utilized to reduce or solve the problems are examined.

SYO 2012 Comp Sociology-Global Issues 3 credits
The application of sociological concepts and principles to the description and analysis of social issues of contemporary societies.

SYO 2220 Introduction to Gender Studies 3 credits
A cross-cultural introduction to the role of women in society. Analyses are made of the changing political, social, economic, legal and sexual roles of women. Also included are discussions of the various forms of women movements, and international focus on issues relating to women which have emerged in recent years.

SYO 2231 Intro to African-Amer Studies 3 credits
An overview of African-American social structure and factors which support or impede social change, collaboration and cultural maintenance.

SYO 2250 Multicultural Issues 3 credits
A survey of many of the cultural groups throughout the world examining the inter-ethnic collaborations and conflicts, cultural conflict and self rejection experiences of people around the world. Facilitation of understanding among peoples of different parts of the world with diverse cultural backgrounds. Special attention is paid to those cultural groups represented in the Americas.

SYO 2442 Sociology of Sport 3 credits
The social institution of sport, its meanings and consequences for American society, from play to professional sport.

SYO 3011 Social Issues in Society 3 credits
An examination of the historical and contemporary social issues interconnectedness of many of the issues. Illustrated in the course will be examples of interdisciplinary strategies to address the issue.

SYO 3930 Special Topics 3 credits
Topics of current or special interest.

SYO 4900 Directed Reading 3 credits
Under the guidance and supervision of an instructor, students develop a program of reading and possibly research.
Prerequisites: SYG 2000 with a passing grade

SYO 3120 The Family 3 credits
An analysis of the changing structure of the American family and an examination of its relationship to other institutions. Studies the impact of wider societal changes on the historical development of the family, also explores alternative family patterns as well as the future of the family.

SYO 3200 Sociology of Religion 3 credits
Study of the types, sources, and functions of religious behavior in relation to other aspects of aspects of personality and culture.
Prerequisites: SYG 2000 with a passing grade

SYO 3250 Sociology of Education 3 credits
The study of sociology of education with an emphasis on aspects that are relevant to an understanding of the issues and problems of American education.

SYO 3360 Organization of Work 3 credits
Analysis of the meaning of work, public and private organizations in the modern world; occupational development and socialization; occupations, professions and careers; social control, formal and informal power structures in the workplace; organizational change.

SYO 3400 Medical Sociology 3 credits
An examination of illness, behavior, biomedical and traditional healing systems from a comparative perspective. By analyzing illness cross-culturally, sociologists and health care providers can better understand the interconnectedness of technology, ecology, and health in larger populations.

SYO 3530 Social Stratification 3 credits
Examination of the formal and informal structures which place individuals and groups of people on various levels in the social structure and the implications on social behavior, life changes and social mobility.
Prerequisites: SYG 2000 with a passing grade

SYO 4130 Comparative Family Systems 3 credits
Analysis of the family institution from both an historical and a cross-cultural perspective including an examination of the stages of the family life cycle and issues in the areas of family dysfunction and dissolution.

SYP 4631 Sociology Through Film 3 credits
Presentations of sociological phenomena are explored through the use of film, including discussions of implicit and explicit messaging, potential positive and negative effects of film on various aspects of social and cultural behavior.

SYP 4640 Sociology of Leisure 3 credits
A sociological analysis of leisure and leisure lifestyles. Various forms of sports and recreation as leisure are explored.
Prerequisites: SYG 2000 with a passing grade

SYP 4731 Aging, Self and Society 3 credits
The relationship between the aging, self and communal subcultures including consideration of the place of images of aging and the life course in self-definition, intergenerational contact, and institutionalization.
Prerequisites: SYG 2000 with a passing grade

SYP 4741 Soc. Org. of Death & Dying 3 credits
An interdisciplinary perspective examining death and dying. Cross-cultural differences are discussed.
Prerequisites: SYG 2000 with a passing grade

TAX 3012 Bus Income & Property Trans 3 credits
Introduces students to the tax system and discusses the measurement of taxable income from business operations and the tax treatment of gains and losses from property transactions. Topics include the definition and timing of gross income, the definition of a capital asset, common business deductions, loss limitation and disallowance rules, asset basis, cost recovery, and gain recognition (or deferral) for property transactions.
Prerequisites: ACG 2071 with a minimum grade of C and CGS 1100 with a minimum grade of C

TAX 4001 Taxation of Individual Income 3 credits
Examines the determination of taxable income for individual taxpayers. Topics include filing status, dependency exemptions, income inclusion or exclusion rules, standard deductions, itemized deductions, tax credits, and employment taxes.
Prerequisites: ACG 2071 with a minimum grade of C and CGS 1100 with a minimum grade of C

TAX 6015 Corporate Tax Issues 3 credits
An in-depth coverage of tax issues associated with corporations.
Prerequisites: TAX 3012 or TAX 4001

TAX 6045 Tax Research & Planning 3 credits
Examines the sources of tax authority which include its primary sources (legislative, judicial, and administrative), as well as secondary sources. Develops procedures for identifying
Prerequisites: THE 3511 with a minimum grade of C and THE 3512 with a minimum grade of C

THE 3511 Theories: Theatre/Performance I 3 credits
Part one of two courses providing a historical and critical survey of theories related to theatre and performance. The focus of this course will begin with Aristotle, move through the Renaissance and Restoration, continue through Hegel and end with the early nineteenth century contributions of the Russians.
Prerequisites: THE 2020 with a minimum grade of C

THE 3512 Theories: Theatre/Performance II 3 credits
Part two of two courses providing a historical and critical survey of theories related to theatre and performance. The focus of this course will begin with the Germanic tradition of the late nineteenth century and conclude with an examination of contemporary critical theories of performance.
Prerequisites: THE 2020

THE 3540 Performing Communities 3 credits
Survey of theorists and performers who represent communities, both on the page and on the stage. The course examines the performing communities genre from Zora Neale Hurston's work on folklore to Anna Deavere Smith's performances of diverse communities in conflict.

THE 3560 Ecologies of Performance 3 credits
This seminar course introduces students to the interdiscipline of performance and the environment. We will investigate such intersections as Ann Bogart's understanding of architecture in performance, Gertrude Stein's description of a play as a landscape, and Uta Hagen's emphasis on the actor's familiar place.

THE 4110 Thea Hist/Lit - Greeks to 1750 3 credits
Examines drama in the history of theatre. From the common trashing found in Fifth Century Greek Old Comedy to the sacrilegious jabbing of the Feast of Fools celebrated in the Middle Ages, to street performance of radical acts performed in protest of war or globalization, theatre practitioners and activists have used spectacle and theatricality to interrogate positions of power.
Prerequisites: THE 2300 or THE 2430

THE 4111 Thea Hist/Lit - 1750 to present 3 credits
Survey of dramatic literature from ancient times to the present.

THE 4110 Transgression & Resistance 3 credits
Transgressive acts of protest have a substantial presence in the history of theatre. From the common trashing found in Fifth Century Greek Old Comedy to the sacrilegious jabbing of the Feast of Fools celebrated in the Middle Ages, to street performance of radical acts performed in protest of war or globalization, theatre practitioners and activists have used spectacle and theatricality to interrogate positions of power.

THE 4110 Thea Hist/Lit - Greeks to 1750 3 credits
Examines drama in the history of theatre. From the common trashing found in Fifth Century Greek Old Comedy to the sacrilegious jabbing of the Feast of Fools celebrated in the Middle Ages, to street performance of radical acts performed in protest of war or globalization, theatre practitioners and activists have used spectacle and theatricality to interrogate positions of power.

THE 4111 Thea Hist/Lit - 1750 to present 3 credits
Survey of dramatic literature from ancient times to the present.

THE 4330 Shakespeare for the Theatre 3 credits
A close study of selected plays with special emphasis on their performance values. Upper Division students.

THE 4905 Directed Study 1 to 4 credits
Independent, directed study in various areas of theater. Permission of instructor required.

THE 4930 Special Topics in Theatre 1 to 3 credits
Lecture, seminar, or studio sessions covering selected topics of interest in theater. May be repeated with a change of content for up to 9 hours. Permission of instructor required.

THE 4945 Summer Repertory Theatre 3 credits
Practical Experience in repertory theater with direct skills application in all areas of theater production. Consent of instructor. May be repeated with a change of content up to a maximum of 9 credits.

THE 4959 Senior Project in Theatre 1 to 4 credits
Final Project presented in public performance demonstrating expertise in declared area of specialization in theater emphasis or major. Consent of instructor and senior status required. May be repeated with change of content up to a maximum of six credits.

THE 6720 Drama in the Elementary School 3 credits
Methods of using theatre and drama activities in elementary school, including use of drama and theatre for interdisciplinary, majors; no extra laboratory sections.

TPA 2000 Creative Design for Theatre 3 credits
Introduces the fundamental aspects of design for theatre projects.

TPA 2210 Stagecraft 3 credits
Introduction to skills and crafts of technical theater. Knowledge of materials, techniques, tools and supplies basic to the execution of environment.

TPA 2214 Stage, Lighting and Sound 3 credits
Goes beyond the basics of lighting and sound design and application.
Prerequisites: TPA 2210 with a minimum grade of C
Fee Required

TPA 2248 Workshop in Stage Makeup 1 credits
Beginning theory and practice in makeup for the stage.
Fee Required

TPA 2290 Technical Theatre Lab 1 credits
Lab for technical theater. Should be taken concurrently TPA 2210.
Prerequisites:
Corequisites: TPA 2210
Fee Required

TPA 4060 Principles of Scenic Design 3 credits
Beginning design techniques.
Prerequisites: TPA 2210
Fee Required

TPA 4930 Special Topics in Thea Prod/Ad 1 to 3 credits
Lecture, seminar or studio sessions covering selected topics of interest in theatre production and administration. May be repeated with a change of course content for up to 9 hours. Permission of the instructor required.

TPA 4940 Internship in Tech Theatre 1 to 6 credits
Resident internship in an approved professional theater, shop or enrichment center. Junior/Senior status, limited to theatre emphasis participants. Permission of instructor.
Prerequisites: TPA 4060

TPP 2100 Acting I 3 credits
An introduction to the discipline and creative process of acting with emphasis on formal and improvisational techniques for developing vocal, physical, and analytical skills.

TPP 2111 Acting II 3 credits
Scene study and basic characterization.
Prerequisites: TPP 2100

TPP 2160 Physical Theatre I 3 credits
This course will combine a variety of physical exercises designed to integrate voice, movement and actor training. It will be physically challenging, vocally liberating, and mentally stimulating.

TPP 2190 Rehearsal and Performance I 1 credits
Production workshop for various areas of theater performance, including acting, directing, technical production, design, and theater management.

TPP 2191 Rehearsal and Performance II 3 credits
The student will build on skills acquired in Rehearsal and Performance I by participating in the rehearsal process and performance of a production.
Prerequisites: TPP 2190 with a minimum grade of C

TPP 3143 Physical Theatre II 3 credits
Exploration of the Physical Theatre through various styles of acting continues. Included are the Greeks and Elizabethans, the Avant-Garde and Experimental (Grotowski and Artaud). While doing this we rediscover a physical approach to the actor’s task.

TPP 3192 Rehearsal & Performance III 3 credits
Assignment of specific role and/or responsibility. Opportunity for student to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance. Consent of instructor.
Prerequisites: TPP 2191 with a minimum grade of C

TPP 3193 Rehearsal & Performance IV 3 credits
Assignment of specific role and/or responsibility. Opportunity for student to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance.
Prerequisites: TPP 3192 with a minimum grade of C

TPP 3242 Performance Art 3 credits
This performance seminar course introduces students to historical and contemporary performance art movements. We investigate the aesthetic theories that enabled such experimentation in the performance art world and explore these theories through practical application via embodied performances.

TPP 3943 Perform.Communities Field Mthd 3 credits
A practicum in field research methods and performing community. Students participate in a service learning project to create performances that ethically represent their community engagement. Students will understand the power of performance to effect community dialogue and awareness.
Prerequisites: THE 3540

TPP 4155 Scene Study 3 credits
Basic scene study. Special problems in movement and speech to be integrated with character development, rehearsal techniques, and performance composition. Audition required.
Prerequisites: TPP 3112

TPP 4174 Transmedia Autoperformance 3 credits
An advanced course in the preparation of single-performer presentation based on a fictionalized fragment of the performer’s life drawing upon and incorporating a multi-layered performance presentation. This performance class requires that the student write, perform, design, and create multiple layers of visual and auditory information for public presentation.
Prerequisites: TPP 3511 and TPP 3512 and TPP 3292

TPP 4310 Play Directing 3 credits
Theoretical and practical approach to directing for the stage.
Prerequisites: TPP 2100

TPP 4923 Musical Theatre Workshop 3 credits
Provide students with the opportunity to learn the basics of Musical theatre.

TPP 4930 Special Topics in Theatre Perf1 to 3 credits
Lecture, seminar or studio sessions covering selected topics of interest in performance skills. May be repeated with a change of course content for up to 9 hours. Permission of the instructor required.

TPP 4940 Internship in Thtr Performance 1 to 6 credits
TSL 4340  Methods, Cur, and Instr Effect 3 credits
Teaching methods, strategies and curriculum development activities that enhance and facilitate learning of diverse students and maximizes the opportunities to meet state standards. It will also provide information relevant to the development of ESOL curriculum and various options for second language learners that will facilitate the access to the language arts curriculum and academic learning.

TSL 4344  Methods, Cur, and Instr Effect 3 credits
Teaching methods, strategies and curriculum development activities that enhance and facilitate learning of diverse students and maximizes the opportunities to meet state standards. It will also provide information relevant to the development of ESOL curriculum and various options for second language learners that will facilitate the access to the language arts curriculum and academic learning. ~ Course replaced with TSL 4340
Prerequisites:
Corequisites:

TSL 4520  Sec Lang Acquis Comm& Culture 3 credits
Second language acquisition, applied linguistics, and influence of cultural diversity on learning, communication, belief systems and value orientations and patterns of thinking and behaving including modifications and adaptations to meet the language needs of diverse students in the classroom.
Prerequisites:
Corequisites:

TSL 5085  Methods of Teaching ESOL 3 credits
An overview of the theoretical foundations and applications of language instruction approaches, methods, and techniques effective in ESL classrooms, and teaching strategies for diverse learners. Emphasis will be given to making connections between research/theory/principles and best teaching practices and developing a philosophy on effective methods to use when working with English language learners.

TSL 5142  Curriculum & Material Develop 3 credits
Applications of the theories, principles and current research related to second language acquisition, as well as instructional techniques and materials. Program options for second language learners and focus on the development of skills and techniques for assessment, goal setting, teaching methods, and adaptation of materials for the second language learners' varied needs.

TSL 5371  Methods of Teaching ESOL 3 credits
An overview of the theoretical foundations and applications of language instruction approaches, methods, and techniques effective in ESL classrooms, and teaching strategies for diverse learners. Emphasis will be given to making connections between research/theory/principles and best teaching practices and developing a philosophy on effective methods to use when working with English language learners. ~ Course replaced with TSL 5085
TSL 5440  Testing & Eval for ESOL Teach 3 credits
Language assessment issues, opportunities to examine language assessment instruments, and practical experiences developing and using formal and informal assessment measures. Critical analysis, selection, and use of evaluation techniques for measuring ELL/LEP students' performance in academic settings.

TSL 5474  Testing & Eval for ESOL Teach 3 credits
Language assessment issues, opportunities to examine language assessment instruments, and practical experiences developing and using formal and informal assessment measures. Critical analysis, selection, and use of evaluation techniques for measuring ELL/LEP students' performance in academic settings. ~ Course replaced with TSL 5440

TSL 5525  Cross Cult Comm Issues in ESL 3 credits
Cultural issues in teaching English as a second language. An in depth discussion of the concept of culture and helps teachers/students recognize its influence on learning, communication, belief systems and values orientations, and patterns of thinking and behaving. The focus is on providing techniques contributing to cultural competence including applying cross-cultural understanding to planning instructional settings involving culturally and linguistically diverse students.

TSL 6135  Meth Tchng Content ESOL: 6-12 3 credits
Instructional methods, approaches, and techniques effective for secondary content teachers to meet the needs of culturally and linguistically diverse students including legal, pedagogical, and curricular issues. Emphasis on best teaching practices. ~ Course replaced with TSL 6345

TSL 6345  Meth Tchng Content ESOL: 6-12 3 credits
Instructional methods, approaches, and techniques effective for secondary content teachers to meet the needs of culturally and linguistically diverse students including legal, pedagogical, and curricular issues. Emphasis on best teaching practices.

TSL 6527  Language & Culture 1 credits
Exploration of the interconnections between language and culture. Includes first and second language acquisition, family customs, cultural variations of narrative texts, and storytelling. Collection and analysis of data through research and interviews.
Prerequisites:

TTE 3002C  Transportation Engineering 3 credits
This covers the general physical and operational characteristics of transportation systems, a survey of transportation modes, and transportation agencies. Topics emphasize the societal and environmental context of transportation engineering and transportation decision making. Emphasis is given throughout the course to the development of leadership skills, appreciation of lifelong learning, understanding the impact of public policy on transportation engineering, recognizing the engineer's responsibility to sustainability in transportation, and regulatory considerations in transportation.
Prerequisites: EGN 1041C with a minimum grade of C

TTE 4201C  Traffic Engineering 3 credits
Practice of traffic engineering, fundamental concepts in the design, operation, maintenance, and planning of surface transportation systems, including road user, vehicle, and roadway system components and characteristics, congestion and mobility, roadway capacity; safety, performance; traffic control devices, traffic management concepts, traffic studies; traffic technologies, and intelligent transportation systems.
Prerequisites: STA 2037 with a minimum grade of C or TTE 3004C with a minimum grade of C

URP 6421  Environmental Planning 3 credits
This course will involve team projects in which students work with local, regional, and state agencies on the evaluation and application of environmental planning practices; on guest lectures examining differing perspectives; on readings discussions; and on field trips to investigate and evaluate the results.
WOU 1023 World Civilization 1500-1815 3 credits
The social, cultural, intellectual, political, and economic aspects of world civilizations from 1500 to 1815. Emphasis is given to understanding the impact of cross-cultural exchanges and impacts on global history. At least 6,000 words of graded written work are required (Gordon Rule).

WOU 1030 World Civilization since 1815 3 credits
The social, cultural, intellectual, political and economic aspects of world civilizations from 1815 to present. Emphasis is given to understanding the impact of cross-cultural exchanges and impacts on global history. At least 6,000 words of graded written work are required (Gordon Rule).

WOU 3044 20th Century World History 3 credits
History of the twentieth century. Major themes include the two world wars, nationalism and decolonization, the Cold War, globalization, and new social movements.

WOU 3221 Women in World History 3 credits
An examination of the role of gender as an ideology in shaping the political, economic, and social roles of women and men in Europe, the Americas, Africa, Asia, and Australia from 1600 to the present.

WOU 3234 Atlantic World 1776-Present 3 credits
History of the Atlantic World from the Age of Revolution to the Present. Explores interactions in political, economic and cultural ideas and actions between Europe, the Americas, and Africa in comparative context.

WOU 6915 Research in World History 3 credits
Research in primary and secondary sources on aspects of important subjects in World history.

WOU 6939 Seminar in World History 3 credits
Readings seminar in selected topics and problems in World history.

WST 3015 Intro to Women’s Studies 3 credits
A cross-cultural introduction to the role of women in society. Analyses are made of the changing political, social, economic, legal, and sexual roles of women. Also included are discussions of the various forms of women movements and international focus on issues relating to women which have emerged in the recent years. At least 6,000 words of graded written work are required (Gordon Rule).

WST 3275 Women in the Developing World 3 credits
Survey of the status of women in Asia, Africa, Latin and Caribbean America, compared to that in the United States, Canada, West Europe, Marxist-Leninist countries.

WST 4262 Lit. of Women of Color in U.S. 3 credits
Introduction to contemporary women writers of color in the United States: Native Americans, African-Americans, Asian-Americans, and Chicanas/Puerto Rican-Americans. Readings will include literature and contextual articles on historical and cultural issues. This course is cross-listed under AML 4274.

ZOO 3205C Invertebrate Zoology 3 credits
Course emphasizes concepts and unifying principles from phylogenetics, physiology, developmental biology, functional morphology, ecology, and paleontology while systematically surveying the major taxa of invertebrate animals. Laboratory intensive with field exercises. Prerequisites: BSC 1011C with a minimum grade of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C ) Fee Required

ZOO 3713C Vertebrate Form and Function 3 credits
Major anatomical and physiological adaptations of the vertebrates are examined in evolutionary and ecological contexts using integrated lecture and laboratory exercises. The course will include the use of dissection and physiological laboratory techniques to study vertebrate form and function. Prerequisites: ISC 1004C with a minimum grade of C or BSC 1011C with a minimum grade of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C ) Fee Required

ZOO 4436C Evolution of the Mammals 4 credits
Provides an opportunity for advanced study of mammalian biology in its evolutionary context. The entire spectrum of mammalian diversity is studied from the first known fossil mammals through all living and extinct clades. Mammalian anatomy, physiology, and behavior are also examined from an evolutionary perspective; utilizing the principles of cladistic analysis, each system is examined from its most primitive mammalian condition to the many unique derived conditions found among living and/or fossil mammals. Current controversies may be featured, and topics from molecular to organismal and ecological. The course will include the use of dissection and physiological laboratory techniques to study various topics. Prerequisites: ZOO 3713C with a minimum grade of C

ZOO 4454C Ichthyology 3 credits
Tracks the rise and evolution of fishes and examines the adaptations in form and function that underlie their success. Emphasis will be placed on Southwest Florida fishes. Prerequisites: BSC 1011C or (BSC 1011 and BSC 1011L )

ZOO 4472C Ornithology 3 credits
Evolution, structural and functional adaptations, behavior and ecology of birds. It includes a global overview with emphasis on Florida. Lab emphasizes anatomy, behavior, identification, and ecology. Field trips include study in Florida ecosystems. Prerequisites: BSC 1011C with a minimum grade of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C ) Fee Required

ZOO 4480C Mammalogy 3 credits
Integrated lecture and lab and focuses on the origins and evolution, diversity, structural and functional adaptations, behavior, and ecology of mammals. It presents a global overview with an emphasis on Florida mammals. Laboratory will emphasize, anatomy, behavior, identification, and ecology. Field trips will include zoo visits, studies of manatees and other Florida mammals, and an introduction to field research tools in mammalogy. Prerequisites: BSC 1010C with a minimum grade of C or (BSC 1010 with a minimum grade of C and BSC 1010L with a minimum grade of C )and BSC 1011C with a minimum grade of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C )

ZOO 4743C Neuroscience 3 credits
In Neuroscience we will investigate the workings of human nervous systems. We will cover anatomy and physiology, neuropharmacology, and neurological correlates of behaviors such as sleep, emotions, hunger, and sex. Prerequisites: BSC 1010C with a minimum grade of C or (BSC 1010 with a minimum grade of C and BSC 1010L with a minimum grade of C )and BSC 1011C with a minimum grade
of C or (BSC 1011 with a minimum grade of C and BSC 1011L with a minimum grade of C) and CHM 1046C with a minimum grade of C or (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) and (PCB 3703C with a minimum grade of C or BSC 1086C with a minimum grade of C)
Fee Required

ZOO 4753C Histology 3 credits
A microscopic study of animal tissue covering epithelium, muscle, nervous and connective tissues with an emphasis on the morphological differences in tissue organization both for structural and functional purposes.
Prerequisites: ZOO 3713C with a minimum grade of C or BSC 1086C with a minimum grade of C
Fee Required
ADMINISTRATIVE LEADERSHIP

Governor and Cabinet, State of Florida

Charlie Crist  Governor
Jeff Kottkamp  Lt. Governor
Bill McCollum  Attorney General
Alex Sink  Chief Financial Officer
Charles Bronson  Commissioner of Agriculture

Florida Gulf Coast University Board of Trustees

Scott F. Lutgert, Chair
Larry D. Hart, Vice-Chair
Brian Cobb
Lindsay Harrington
W. Bernard Lester
David Lucas
James Malone
Brad Piepenbrink
Doug St. Cerny
Halcyon St. Hill
Jerry Starkey
P. Michael Villalobos
Jaynie M. Whitcomb

University Administration

Wilson G. Bradshaw, Ph.D.  President
Peg Gray-Vickrey  Interim Provost and Vice President for Academic Affairs
Joseph Shepard  Vice President for Administrative Services and Finance
Steve Magiera  Vice President for University Advancement
J. Michael Rollo  Vice President for Student Affairs

Marcie Greene  Dean, College of Education
Donna Price Henry  Dean, College of Arts and Sciences
Kathleen Davey  Dean, Academic & Media Technology Services
Kenneth Millar  Director, Library Services
Kenneth Miller  Dean, College of Professional Studies
Richard Pegnetter  Dean, Lutgert College of Business
Denise Heinemann  Dean, College of Health Professions
Michele Yovanovich  Dean, Student Affairs
FLORIDA GULF COAST UNIVERSITY FOUNDATION

The Florida Gulf University Foundation was chartered under Florida statutes in May 1993. As the private fund-raising arm of the university, the foundation provides enhancement funds for the university not available through regular state funding.

The purpose of the foundation is to encourage, solicit, receive, and administer gifts and bequests of property and funds for scientific, educational, and charitable purposes directly related to the mission of the university. A major focus in the foundation’s fund-raising efforts is the development of student scholarships. All gifts to FGCU are received and processed through the foundation, which is governed by a community-based Board of Directors. For more information, call (239) 590-1067.

Founding Board, 1993-1994

W. Thomas Howard, President
Charles B. Edwards, Vice President
William N. Horowitz, Secretary/Treasurer
Richard C. Ackert
Audrea I. Anderson
Valerie Boyd
Barron Collier III
Jeffrey D. Fridkin
James F. Garner
Ben Hill Griffin, III

Jody T. Hendry
Johanna H. Hudson
Robert N. McQueen
Roy E. McTarnaghan
T. Wainwright Miller
G. David Powell
Suzanne L. Richter
Linda K. Taylor
Leo Wotitzky

Current Board Members and Officers

Officers, July 2007 - June 2008
Duane Stranahan, Jr., Chairperson
Peter Sulick, Vice Chairperson
Stephen McIntosh, Treasurer
Joseph Shepard, Assistant Treasurer
Donald Lesch, Secretary
Steve L. Magiera, Executive Director

Class of 2008
G. Burtt Holmes
Alan Korest
Duane Stranahan, Jr.
Dolph von Arx

Class of 2009
Joy Arpin
Fay Biles
Bradley Clark
James Knupp
John Little
Brian Presley
Edward Wotitzky

Class of 2010
John R. Alexander
Scott Edmonds
Sydney Kitson
Donald A. Lesch
Peter Sidell
Joseph Vumbacco

Class of 2011
Cornelius Cacho
John D. Fumagalli
James R. Nathan
Juliet Sproul
Allen S. Weiss

Chairpersons Emeriti
(Ex-Officio Members)
Richard C. Ackert
Joseph R. Catti
Charles B. Edwards
Jeffrey D. Fridkin
William N. Horowitz
Charles Idelson
Edward A. Morton
F. Fred Pezeshkan
G. David Powell
Linda K. Taylor

Ex Officio
Wilson G. Bradshaw
Peg Gray-Vickrey
Steve L. Magiera
Joseph Shepard
Michael Rollo

Foundation Fellows
Barron Collier III
Ben Hill Griffin, III

BOT Liaison
Larry Hart

Alumni Association Liaison
Cynthia Bennett
<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
<th>College/Unit</th>
<th>Degree/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aboulnasr, Khaled</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>PhD, University of Houston</td>
</tr>
<tr>
<td>Aho, Kevin</td>
<td>Assistant Professor</td>
<td>College of Arts &amp; Sciences</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>Alexakis, George</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td></td>
</tr>
<tr>
<td>Alexander, George</td>
<td>Associate Professor</td>
<td>Planning and Institutional Performance</td>
<td>PhD, University of Miami</td>
</tr>
<tr>
<td>Ali, Rebecca</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MSN, Florida Gulf Coast University</td>
</tr>
<tr>
<td>Allen, Kevin</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Florida Atlantic University</td>
</tr>
<tr>
<td>Andersen, Stacy</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Georgia</td>
</tr>
<tr>
<td>Andert, Darlene</td>
<td>Instructor</td>
<td>College of Business</td>
<td>EdD, The George Washington University</td>
</tr>
<tr>
<td>Andrews, Christine</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>DBA, Cleveland State University</td>
</tr>
<tr>
<td>Angeletti, Michelle</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>PhD, Florida Atlantic University</td>
</tr>
<tr>
<td>Asfour, Paul</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>MBA, University of South Florida</td>
</tr>
<tr>
<td>Austin, Rebecca</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>JD, University of Miami</td>
</tr>
<tr>
<td>Baron, Michael</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>DMA, Ohio State University</td>
</tr>
<tr>
<td>Barreto, Jose</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Texas Health Science Center</td>
</tr>
<tr>
<td>Barringer, Tony</td>
<td>Associate Dean and Associate Professor</td>
<td>College of Professional Studies</td>
<td>EdD, Northern Illinois University</td>
</tr>
<tr>
<td>Baylen, Danilo</td>
<td>Assistant Professor</td>
<td>College of Education</td>
<td>EdD, Northern Illinois University</td>
</tr>
<tr>
<td>Beatty, Thomas</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Florida Atlantic University</td>
</tr>
<tr>
<td>Beckett, Edward</td>
<td>Academic Advisor</td>
<td>College of Education</td>
<td>AM, University of West Virginia</td>
</tr>
<tr>
<td>Benvie, Amy</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Florida Gulf Coast University</td>
</tr>
<tr>
<td>Bevins, Sharon</td>
<td>Associate Professor</td>
<td>College of Health Professions</td>
<td>PhD, University of Illinois</td>
</tr>
<tr>
<td>Bevins, Thomas</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>MS, University of Vermont</td>
</tr>
<tr>
<td>Bhatt, Anjana</td>
<td>University Librarian</td>
<td>Library Services</td>
<td>MS, Syracuse University</td>
</tr>
<tr>
<td>Bieselin, Jennifer</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Syracuse University</td>
</tr>
<tr>
<td>Blanchard, Susan</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, Duke University</td>
</tr>
<tr>
<td>Bledsoe, Carol</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Indiana State University</td>
</tr>
<tr>
<td>Bogan, Margaret</td>
<td>Associate Professor</td>
<td>College of Education</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>Boggis, Roy</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, University of Texas</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>College/Department</td>
<td>Degree Details</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------</td>
<td>-----------------------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>Bolduc-Simpson, Sheila</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, Florida State University</td>
</tr>
<tr>
<td>Bondehagen, Diane</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Borgia, Daniel</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, Kent State University</td>
</tr>
<tr>
<td>Bourgeois, Martin</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Toledo</td>
</tr>
<tr>
<td>Bovard, Brian</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Duke University</td>
</tr>
<tr>
<td>Braddy, Jon</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Tennessee</td>
</tr>
<tr>
<td>Bradley, Peggy</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>MEd, University of Miami</td>
</tr>
<tr>
<td>Brezina, Sherie</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Michigan State University</td>
</tr>
<tr>
<td>Brock, James</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Indiana University</td>
</tr>
<tr>
<td>Brown, David</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Oregon State University</td>
</tr>
<tr>
<td>Burgess, Deanna</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, University of Central Florida</td>
</tr>
<tr>
<td>Burkett, Paul</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, Virginia Polytechnic Institute</td>
</tr>
<tr>
<td>Burnside, Lynde</td>
<td>Advisor</td>
<td>College of Professional Studies</td>
<td></td>
</tr>
<tr>
<td>Burnette, Carolyn</td>
<td>Associate Dean</td>
<td>College of Business</td>
<td>MBA, University of South Florida</td>
</tr>
<tr>
<td>Busbee, Mark</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of California, Davis</td>
</tr>
<tr>
<td>Busson, Terry</td>
<td>Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Kent State University</td>
</tr>
<tr>
<td>Byrnes, Lawrence</td>
<td>Professor</td>
<td>College of Education</td>
<td>PhD, Michigan State University</td>
</tr>
<tr>
<td>Campanello, Kimberly</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MFA, University of Alabama</td>
</tr>
<tr>
<td>Carlson, Erik</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Texas Tech University</td>
</tr>
<tr>
<td>Carncross, Anne</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>MFA, Florida State University</td>
</tr>
<tr>
<td>Carothers, Douglas</td>
<td>Assistant Professor</td>
<td>College of Education</td>
<td>EdD, Florida Atlantic University</td>
</tr>
<tr>
<td>Carroll, Susan</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, University of Alabama</td>
</tr>
<tr>
<td>Carter, Cecil</td>
<td>Associate Professor</td>
<td>College of Education</td>
<td>EdD, University of Virginia</td>
</tr>
<tr>
<td>Carvajal, Lucero</td>
<td>Advisor</td>
<td>College of Arts and Sciences</td>
<td>Abogada, Universidad de San Buenaventura</td>
</tr>
<tr>
<td>Cassani, Mary Kay</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, Central Michigan University</td>
</tr>
<tr>
<td>Cavin, Barry</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>MFA, University of California, Irvine</td>
</tr>
<tr>
<td>Cavin, Margaret</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of North Texas</td>
</tr>
<tr>
<td>Cecil, Howard</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, University of Kentucky</td>
</tr>
</tbody>
</table>
Chapa, Deborah  
Assistant Professor  
College of Health Professions  
PhD, University of Maryland

Chen, Zhao  
Assistant Professor  
College of Arts and Sciences  
PhD, University of South Florida

Chesnutt, Rod  
Associate Professor  
College of Arts and Sciences  
PhD, Florida State University

Christensen, Lois  
Associate Professor  
College of Education  
EdD, Loyola University of Chicago

Ciferni, Maria  
Instructor  
College of Health Professions  
MS, Emory University

Coccoma, Patricia  
Assistant Professor  
College of Professional Studies  
EdD, Argosy University

Cole, Michael  
Assistant Professor  
College of Arts and Sciences  
PhD, University of Florida

Collier, David  
Eminent Scholar  
College of Business

Collins, Geraldine  
Librarian  
Library Services  
MS, Columbia University

Conrecode, Jacqueline  
Instructor  
College of Business  
MS, Florida Gulf Coast University

Cooke, Rachel  
Assistant University Librarian  
Library Services  
MS, Kent State University

Cooper, Susan  
Assistant Professor  
College of Education  
EdD, University of Central Florida

Corcoran, Peter  
Professor  
College of Arts and Sciences  
EdD, University of Maine

Cornelius, Lori  
Instructor  
College of Arts and Sciences  
MFA, Norwich University

Coticone, Sulekha  
Assistant Professor  
College of Arts and Sciences  
PhD, University of Minnesota

Coughlin, Richard  
Associate Professor  
College of Professional Studies  
PhD, Syracuse University

Cox, John  
Assistant Professor  
College of Arts and Sciences  
PhD, University of North Carolina

Crandock, Jason  
Instructor  
College of Health Professions  
MS, Middle Tennessee State University

Crayton, Lisa  
Assistant Professor  
College of Education  
PhD, University of Wisconsin

Creagan, Felicidad  
Instructor  
College of Arts and Sciences  
MA, Michigan State University

Cross, Randall  
Associate Professor  
College of Arts and Sciences  
PhD, University of North Carolina

Cruz-Alvarez, Marilyn  
Associate Professor  
College of Arts and Sciences  
PhD, New York University

Csavina, Kristine  
Assistant Professor  
College of Business  
PhD, Arizona State University

Cudjoe, Joe  
Associate Professor  
College of Arts and Sciences  
PhD, Florida State University

Darnell, Debra  
Assistant Professor  
College of Arts and Sciences  
DMA, University of Colorado

Davey, Kathleen  
Dean and Associate Professor  
Instructional Technology  
PhD, Ohio State University

Davis, Dean  
Instructor  
College of Arts and Sciences  
MA, New York University

Davis, Patrick  
Associate Professor  
College of Education  
PhD, Texas A&M University
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>College/Institution</th>
<th>Degree/University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deiros, David</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, University of Miami</td>
</tr>
<tr>
<td>DeJarnette, Jan</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Maryland</td>
</tr>
<tr>
<td>DeMarchi, Thomas</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MFA, Florida International University</td>
</tr>
<tr>
<td>DeWelde, Kristine</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Colorado</td>
</tr>
<tr>
<td>Demers, Nora</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Colorado</td>
</tr>
<tr>
<td>Dimidjian, Victoria</td>
<td>Professor</td>
<td>College of Education</td>
<td>PhD, University of Pittsburgh</td>
</tr>
<tr>
<td>Diotalevi, Robert</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>JD, New England School of Law</td>
</tr>
<tr>
<td>Dobbert, Duane</td>
<td>Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Capella University</td>
</tr>
<tr>
<td>Donlan, Rebecca</td>
<td>University Librarian</td>
<td>Library Services</td>
<td>MA, University of Iowa</td>
</tr>
<tr>
<td>Downes, Loureen</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>University of Connecticut</td>
</tr>
<tr>
<td>Drew, Stephen</td>
<td>Professor</td>
<td>College of Business</td>
<td>University of Cambridge</td>
</tr>
<tr>
<td>Drumm, Jill</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MFA, Florida International University</td>
</tr>
<tr>
<td>Dubetz, Terry</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Alberta</td>
</tr>
<tr>
<td>Duffus, Lee</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, Purdue University</td>
</tr>
<tr>
<td>Duke, Donald L.</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Stanford University</td>
</tr>
<tr>
<td>Dustin, Sara</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Florida State University</td>
</tr>
<tr>
<td>Eastwood, Karen</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, University of Utah</td>
</tr>
<tr>
<td>Ehman, Mark</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Union Theological Seminary</td>
</tr>
<tr>
<td>Eisenberg, Stephen</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>JD, Syracuse University</td>
</tr>
<tr>
<td>Elgart, Alison</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Cornell University</td>
</tr>
<tr>
<td>Elliott, Elizabeth</td>
<td>Associate Professor</td>
<td>College of Education</td>
<td>PhD, University of Tennessee</td>
</tr>
<tr>
<td>Ellis, Jerry</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, Nova Southeastern University</td>
</tr>
<tr>
<td>Ellis, Tina</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, University of California-San Francisco</td>
</tr>
<tr>
<td>Epple, Michael</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Akron</td>
</tr>
<tr>
<td>Erdman, Robert</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>Evans, Amanda</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>EdD, University of Central Florida</td>
</tr>
<tr>
<td>Everham, Win</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, SUNY, Syracuse</td>
</tr>
<tr>
<td>Faris, Joan</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, University of Maryland</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>College</td>
<td>Degree, Institution</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------------</td>
<td>------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Fauerbach, Michael</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Michigan State University</td>
</tr>
<tr>
<td>Fay, Patricia</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>MFA, University of Massachusetts Amherst</td>
</tr>
<tr>
<td>Felton, Shawn</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MEd, University of Louisville</td>
</tr>
<tr>
<td>Feng, Peng</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Michigan State University</td>
</tr>
<tr>
<td>Finch, Howard</td>
<td>Eminent Scholar</td>
<td>College of Business</td>
<td>PhD, University of Alabama</td>
</tr>
<tr>
<td>Finn, Abbe</td>
<td>Associate Professor</td>
<td>College of Education</td>
<td>PhD, University of New Orleans</td>
</tr>
<tr>
<td>Fitch, John</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Michigan State University</td>
</tr>
<tr>
<td>Fitch, Laura</td>
<td>Counselor/Advisor</td>
<td>College of Arts and Sciences</td>
<td>ME, Harvard University</td>
</tr>
<tr>
<td>Foote, Nicola</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Un. College London</td>
</tr>
<tr>
<td>Fornaciari, Charles</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, Florida State University</td>
</tr>
<tr>
<td>Fraser, Steven</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Fugate, David</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, College of William and Mary</td>
</tr>
<tr>
<td>Gable, Frank</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Rhode Island</td>
</tr>
<tr>
<td>Gardiner, Catherine</td>
<td>Assistant University Librarian</td>
<td>Library Services</td>
<td>MA, University of South Florida</td>
</tr>
<tr>
<td>Geiger, Robert</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>PhD, Northwestern University</td>
</tr>
<tr>
<td>Gelpi, Tina</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>OTD, Nova Southeastern University</td>
</tr>
<tr>
<td>Giambo, Debra</td>
<td>Associate Professor</td>
<td>College of Education</td>
<td>PhD, University of Miami</td>
</tr>
<tr>
<td>Giardino, Lee Ann</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, Regis College</td>
</tr>
<tr>
<td>Glacken, Joan</td>
<td>Associate Professor</td>
<td>College of Health Professions</td>
<td>EdD, Rutgers University</td>
</tr>
<tr>
<td>Gogate, Lakshmi</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>EdD, Rutgers</td>
</tr>
<tr>
<td>Gonzales, Maria</td>
<td>Assistant Professor</td>
<td>College of Education</td>
<td>PhD, Florida State University</td>
</tr>
<tr>
<td>Gray-Vickrey, Peg</td>
<td>Professor</td>
<td>College of Health Professions</td>
<td>DNS, University of Buffalo</td>
</tr>
<tr>
<td>Green, David</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, Florida International University</td>
</tr>
<tr>
<td>Greene, Roger</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>PhD, University of California San Diego</td>
</tr>
<tr>
<td>Greene, Adrian</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Western Kentucky University</td>
</tr>
<tr>
<td>Greene, Jackie</td>
<td>Instructor</td>
<td>College of Education</td>
<td>ME, Kent State University</td>
</tr>
<tr>
<td>Greene, Marcia</td>
<td>Dean and Professor</td>
<td>College of Education</td>
<td>EdD, Texas Tech University</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>College/Program</td>
<td>Degree/Institution</td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------------------</td>
<td>-------------------------------------------</td>
<td>---------------------------------------------------------</td>
</tr>
<tr>
<td>Greene, Patrick</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>Gregitis, Susan</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>EdD, American International College</td>
</tr>
<tr>
<td>Gross, Rosalyn</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, University of South Florida</td>
</tr>
<tr>
<td>Gunnels, Charles</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Guo, Dahai</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>PhD, University of Central Florida</td>
</tr>
<tr>
<td>Hagman, Lynda</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>PhD, University of New Mexico</td>
</tr>
<tr>
<td>Hair, Thomas</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Walden University</td>
</tr>
<tr>
<td>Hale, Katherine</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Oregon</td>
</tr>
<tr>
<td>Hammond, William</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Simon Fraser University</td>
</tr>
<tr>
<td>Harrison, Douglas</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Washington University</td>
</tr>
<tr>
<td>Hart, Mary</td>
<td>Assistant Professor,</td>
<td>College of Professional Studies</td>
<td>PhD, Smith College</td>
</tr>
<tr>
<td>Hartley, Anne</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Duke University</td>
</tr>
<tr>
<td>Hartung, Mary Kay</td>
<td>University Librarian</td>
<td>Library Services</td>
<td>MA, University of South Florida</td>
</tr>
<tr>
<td>Hayford, Michelle</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Northwestern University</td>
</tr>
<tr>
<td>Heath, Elizabeth</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, University of South Florida</td>
</tr>
<tr>
<td>Heckes, Harvey</td>
<td>Instructor</td>
<td>College of Professional Studies</td>
<td>MSW, Wilfred Laurier University</td>
</tr>
<tr>
<td>Heinemann, Denise</td>
<td>Dean and Associate Professor</td>
<td>College of Health Professions</td>
<td>DrPH, Yale University</td>
</tr>
<tr>
<td>Heller, Craig</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Pennsylvania State University</td>
</tr>
<tr>
<td>Henry, Donna</td>
<td>Dean and Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Thomas Jefferson University</td>
</tr>
<tr>
<td>Henshon, Suzanna</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>PhD, College of William and Mary</td>
</tr>
<tr>
<td>Hernandez, Zulay</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, University of Puerto Rico</td>
</tr>
<tr>
<td>Hess, Debra</td>
<td>Assistant Dean</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Hill, Nathan</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MFA, University of Massachusetts</td>
</tr>
<tr>
<td>Hobbs, Bradley</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, Florida State University</td>
</tr>
<tr>
<td>Houston, Sherree</td>
<td>Assistant Dean</td>
<td>College of Education</td>
<td>MA, University of South Florida</td>
</tr>
<tr>
<td>Huffman, Tanya</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, Florida Gulf Coast University</td>
</tr>
<tr>
<td>Hung-Simons, Olivia</td>
<td>Advisor</td>
<td>College of Education</td>
<td></td>
</tr>
</tbody>
</table>
Hunt, Dennis  
Assistant Professor  
College of Health Professions  
EdD, University of Central Florida

Hutchcraft, Gilbert  
Professor  
College of Education  
EdD, Indiana University

Isaacs, Madelyn  
Professor  
College of Education  
PhD, Hofstra University

Isen, Sharon  
Associate Professor  
College of Arts and Sciences  
PhD, University of Alabama at Birmingham

Jackson, Bette  
Associate Professor  
College of Arts and Sciences  
PhD, University of Kansas

Jackson, Gary  
Assistant Professor  
College of Business  
PhD, University of Massachusetts

Jackson, Jerome  
Professor  
College of Arts and Sciences  
PhD, University of Kansas

Jackson, Kimberly  
Assistant Professor  
College of Arts and Sciences  
PhD, SUNY, Buffalo

Jinian, Jeffrie  
Instructor  
College of Professional Studies  
MPA, Florida Gulf Coast University

Jones, Christopher  
Assistant University Librarian  
Library Services  
MLS, North Carolina Central University

Jones, David  
Professor  
College of Business  
PhD, University of Pennsylvania

Jones, Travis  
Assistant Professor  
College of Business  
PhD, University of Alabama

Kakareka, Joseph  
Associate Professor  
College of Arts and Sciences  
PhD, Tufts University

Kakkuri, David  
Director, Center for Leadership and Innovation  
College of Business  
PhD, University of Illinois at Chicago

Karakas, Scott  
Assistant Professor  
College of Arts and Sciences  
PhD, University of North Carolina

Kauanui, Sandra  
Associate Professor  
College of Business  
PhD, George Washington University

Kelly, Sean  
Associate Professor  
College of Arts and Sciences  
PhD, SUNY, Binghamton

Kirche, Elias  
Associate Professor  
College of Business  
PhD, University of Houston

Kirsner, Kenneth  
Associate Professor  
College of Health Professions  
MS, Suny Buffalo

Kleeger, Jeffrey  
Assistant Professor  
College of Professional Studies  
JD, Georgetown University

Krupp, Constance  
Assistant in Occupational Therapy  
College of Health Professions  
BS, Colorado State University

Kunberger, Tanya  
Assistant Professor  
College of Business  
PhD, North Carolina State University

Landy, Karen  
Instructor  
College of Health Professions  
MS, FGCU

Langford, Barry  
Associate Professor  
College of Business  
DBA, Mississippi State University

Lindsey, Charles  
Associate Professor  
College of Arts and Sciences  
PhD, University of Florida

Lippens, Nancy  
Professor  
College of Arts and Sciences  
DMA, University of Oklahoma

Lippincott, Kate  
Assistant University Library  
Library  
BA, Centre College of Kentucky
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>College/Program</th>
<th>Degree Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loh, Ai Ning</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, College of William and Mary</td>
</tr>
<tr>
<td>Lopez-Rosado, Roberto</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MA, Universidad Central del Caribe</td>
</tr>
<tr>
<td>Lounsbury, David</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Capella University</td>
</tr>
<tr>
<td>Lupe, Lori</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MS, University of Toledo</td>
</tr>
<tr>
<td>MacDiarmid, Andrew</td>
<td>Academic Advisor</td>
<td>College of Business</td>
<td>MA, University of Central Florida</td>
</tr>
<tr>
<td>MacDonald, James</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Suny Albany</td>
</tr>
<tr>
<td>Madanoglu, Melih</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Virginia Polytechnic Institute and State University</td>
</tr>
<tr>
<td>Maksian, Carol</td>
<td>Associate University Librarian</td>
<td>Library Services</td>
<td>MLS, North Texas State University</td>
</tr>
<tr>
<td>Maldonado, Sandra</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, Bowie State University</td>
</tr>
<tr>
<td>Mancini, Miles</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, New York University</td>
</tr>
<tr>
<td>Manley, Joan</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Rutgers University</td>
</tr>
<tr>
<td>Marcus, Myra</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>DSW, Columbia University</td>
</tr>
<tr>
<td>Marquez Castellanos, Enrique</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Miami</td>
</tr>
<tr>
<td>Martinez-Rico, Ingrid</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Pennsylvania State University</td>
</tr>
<tr>
<td>Mathews, Charles</td>
<td>Instructor</td>
<td>College of Business</td>
<td>PhD, University of Southern California</td>
</tr>
<tr>
<td>Mayberry, Sally</td>
<td>Professor</td>
<td>College of Education</td>
<td>EdD, University of Miami</td>
</tr>
<tr>
<td>McAloose, Barbara</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>MA, University of North Carolina Chapel Hill</td>
</tr>
<tr>
<td>McCash, Linda</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>McDaniel, Michael</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Pittsburgh</td>
</tr>
<tr>
<td>McGaha, Johnny</td>
<td>Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Oklahoma State University</td>
</tr>
<tr>
<td>McLaughlin, Elaine</td>
<td>Instructor</td>
<td>College of Professional Studies</td>
<td>MPA, West Virginia University</td>
</tr>
<tr>
<td>McShane, Megan</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Emory University</td>
</tr>
<tr>
<td>Meek, Jane</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, University of Alabama</td>
</tr>
<tr>
<td>Mejia, Daysi</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>DSW, City University of New York</td>
</tr>
<tr>
<td>Mendible, Myra</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Miami</td>
</tr>
<tr>
<td>Mesloh, Charles</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>PhD, University of Central Florida</td>
</tr>
<tr>
<td>Michael, Scott</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, John Hopkins University</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>College/Department</td>
<td>Degree</td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------------</td>
<td>--------------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>Millar, Kenneth</td>
<td>Dean and Professor</td>
<td>College of Professional Studies</td>
<td>PhD, University of Texas at Arlington</td>
</tr>
<tr>
<td>Miller, Kathleen</td>
<td>Director and University Librarian</td>
<td>Library Services</td>
<td>MLS, State University of New York</td>
</tr>
<tr>
<td>Millner, Jesse</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MFA, Florida International University</td>
</tr>
<tr>
<td>Millner, Lyn</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>MFA, Florida International University</td>
</tr>
<tr>
<td>Mock, Karen</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>MS, Virginia Commonwealth University</td>
</tr>
<tr>
<td>Morris, Douglas</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>PhD, Touro University International</td>
</tr>
<tr>
<td>Mujtaba, Mustafa</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Murray, Elizabeth</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>PhD, University of Miami</td>
</tr>
<tr>
<td>Nakatani, Kazuo</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, Texas Tech University</td>
</tr>
<tr>
<td>Narayanan, Lakshmi</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>Navaratna, Menaka</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Texas Tech University</td>
</tr>
<tr>
<td>Nolan, Anne</td>
<td>Associate Professor</td>
<td>College of Health Professions</td>
<td>PhD, Monash University</td>
</tr>
<tr>
<td>O’Brien, Sandra</td>
<td>Associate Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Florida Atlantic University</td>
</tr>
<tr>
<td>Oistad, Kay</td>
<td>Associate University Librarian</td>
<td>Library</td>
<td>MS, Wayne State University</td>
</tr>
<tr>
<td>O'Neill, Robert</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, Kansas State University</td>
</tr>
<tr>
<td>Osterman, Margaret</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Georgia State University</td>
</tr>
<tr>
<td>O’Sullivan, Laura</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Massachusetts</td>
</tr>
<tr>
<td>Otto, Eric</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Ouverson, Marisa</td>
<td>Academic Advisor</td>
<td>College of Business</td>
<td>MS, Central Connecticut State University</td>
</tr>
<tr>
<td>Pacini, Carl</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, Florida State University</td>
</tr>
<tr>
<td>Paine, Morgan</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>MFA, Massachusetts College of Art</td>
</tr>
<tr>
<td>Parker, Neil</td>
<td>Academic Advisor</td>
<td>College of Business</td>
<td>MDiv, Methodist Theological School in Ohio</td>
</tr>
<tr>
<td>Parsons, Michael</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Louisiana State University</td>
</tr>
<tr>
<td>Paschall, Edward</td>
<td>Assistant Professor</td>
<td>College of Education</td>
<td>PhD, Florida State University</td>
</tr>
<tr>
<td>Pegnetter, Richard</td>
<td>Dean and Professor</td>
<td>College of Business</td>
<td>PhD, Cornell University</td>
</tr>
<tr>
<td>Pendergast, Mark</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, University of Arizona</td>
</tr>
<tr>
<td>Perez, Carmen</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>PhD, University of Illinois at Chicago</td>
</tr>
<tr>
<td>Placid, Ray</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>JD, University of Miami</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>College/Academic Unit</td>
<td>Degree/Credentials</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------------</td>
<td>--------------------------------------</td>
<td>----------------------------------------------------------</td>
</tr>
<tr>
<td>Planas, Juan-Antonio</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, Nova Southeastern University</td>
</tr>
<tr>
<td>Platt, Alan</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>PhD, Kent State University</td>
</tr>
<tr>
<td>Polk, Marydelle</td>
<td>Professor</td>
<td>College of Health Professions</td>
<td>PhD, New Mexico State University</td>
</tr>
<tr>
<td>Prowatzke, Adam</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MS, University of North Carolina</td>
</tr>
<tr>
<td>Ramos, Marta</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>EdD, University of Puerto Rico</td>
</tr>
<tr>
<td>Ray, Linda</td>
<td>Professor</td>
<td>College of Education</td>
<td>PhD, University of South Florida</td>
</tr>
<tr>
<td>Rea, Dorothy</td>
<td>Instructor</td>
<td>College of Education</td>
<td>PhD, University of Missouri</td>
</tr>
<tr>
<td>Regelski, Daniel</td>
<td>Director, Small Business Development Center</td>
<td>College of Business</td>
<td>MBA, University of New Hampshire</td>
</tr>
<tr>
<td>Renard, Monika</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, University of Maryland</td>
</tr>
<tr>
<td>Renk, Clifford</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Rhea, Jessica</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>M.Ed., University of Florida</td>
</tr>
<tr>
<td>Ritchie, William</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>PhD, Florida State University</td>
</tr>
<tr>
<td>Roberts, Thomas</td>
<td>Assistant Professor</td>
<td>College of Education</td>
<td>EdD, University of Central Florida</td>
</tr>
<tr>
<td>Roca, Maria</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, New York University</td>
</tr>
<tr>
<td>Rodgers, Marianne</td>
<td>Professor</td>
<td>College of Health Professions</td>
<td>EdD, Vanderbilt University</td>
</tr>
<tr>
<td>Rodríguez, Walter</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Rosenthal, Danielle</td>
<td>Associate University Librarian</td>
<td>Library Services</td>
<td>MS, City University of New York</td>
</tr>
<tr>
<td>Rosenthal, Martha</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of California Los Angeles</td>
</tr>
<tr>
<td>Rowland, Linda</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>MA, University of Tennessee, Knoxville</td>
</tr>
<tr>
<td>Rubens, Arthur</td>
<td>Associate Professor</td>
<td>College of Health Professions</td>
<td>EdD, Northern Illinois University</td>
</tr>
<tr>
<td>Rue, Joseph</td>
<td>Professor</td>
<td>College of Business</td>
<td>PhD, Pennsylvania State University</td>
</tr>
<tr>
<td>Rumbold, Darren</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of Miami</td>
</tr>
<tr>
<td>Sabella, Russell</td>
<td>Professor</td>
<td>College of Education</td>
<td>PhD, University of Florida</td>
</tr>
<tr>
<td>Sakharuk, Alexander</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>PhD, Moscow State University</td>
</tr>
<tr>
<td>Salahu-Din, Sakinah</td>
<td>Professor</td>
<td>College of Professional Studies</td>
<td>PhD, Kansas State University</td>
</tr>
<tr>
<td>Salapska-Gelleri, Joanna</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>MA, University of Nevada</td>
</tr>
<tr>
<td>Sanders, William</td>
<td>College of Arts and Sciences</td>
<td>PhD, University of California Berkeley</td>
<td></td>
</tr>
</tbody>
</table>
Savarese, Michael  
Professor  
College of Arts and Sciences  
PhD, University of California-Davis

Scheff, Steven  
Instructor  
College of Business  
MBA, Harvard University

Schmidt, Diane  
Associate Professor  
College of Education  
EdD, University of Central Florida

Schnackenberg, F. Richard  
Assistant Professor  
College of Arts and Sciences  
PhD, University of Wisconsin

Schoenfeld, Gerald  
Associate Professor  
College of Business  
PhD, University of Pittsburgh

Schwartz, Carl  
Instructor  
College of Arts and Sciences  
BFA, School of the Art Institute of Chicago

Seay, Pamella  
Professor  
College of Professional Studies  
JD, University of South Carolina

Segal, Gerald  
Associate Professor  
College of Business  
PhD, Virginia Commonwealth University

Simpson, Mark  
Assistant Professor  
College of Education  
EdD, University of Minnesota

Slick, Susan  
Associate Professor  
College of Education  
PhD, University of Iowa

Smith, Howard  
Assistant Professor  
College of Professional Studies  
PhD, George Washington University

Smith, Valerie  
Professor  
College of Arts and Sciences  
PhD, University of Florida

Snyder, Scott  
Assistant Professor  
College of Arts and Sciences  
MFA, Bradley University

Soklic, Milan  
Associate Professor  
College of Business  
PhD, University of Zagreb

Southard, Larry  
Instructor  
College of Arts and Sciences  
MA, Florida Gulf Coast University

Srivastava, Rajesh  
Associate Professor  
College of Business  
PhD, Ohio State University

St. Hill, Halcyon  
Professor  
College of Health Professions  
EdD, Rutgers University

Stamp, Kelly  
Assistant Professor  
College of Health Professions  
University of South Florida

Stanis, Melanie  
Academic Advisor  
College of Arts and Sciences  
MA, University of Florida

Stansel, Dean  
Assistant Professor  
College of Business  
PhD, George Mason University

Stecher, Jo  
Instructor  
College of Health Professions  
MA, New York University

Stepney, Ronal  
Assistant Professor  
College of Arts and Sciences  
MFA, University of Utah

Stiltes, Barbara  
Associate University Librarian  
Library Services  
MA, University of South Florida

Stoppiello, Diana  
Academic Advisor  
College of Business  
MBA, Xavier University

Strahorn, Eric  
Assistant Professor  
College of Arts and Sciences  
PhD, University of Iowa

Swaleheen, Mushfiq  
Assistant Professor  
College of Business  
PhD, University of Alabama

Swanick, Kathleen  
Instructor  
College of Health Professions  
MS, The Sage Colleges
Swanson, Mary
Advisor
College of Arts and Sciences
BA, The Sage Colleges

Sweeney, Carol
Instructor
College of Business
MDS, University College Dublin

Sweeney, James
Professor
College of Business
PhD, Case Western Reserve University

Szesci, Tunde
Assistant Professor
College of Education
PhD, State University of New York-Buffalo

Tankei-Aminian, Sachiko
College of Arts and Sciences
MS, Southern Illinois University

Tarnowski, Kenneth
Professor
College of Arts and Sciences
PhD, University of South Carolina

Taylor-Furbee, Sondra
Executive Director
Library Services
MLS, Florida State University

Thomas, David
Assistant Professor
College of Professional Studies
PhD, Union Institute and University

Thomas, Serge
Assistant Professor
College of Arts and Sciences
PhD, Université Pierre et Marie Curie

Thompson, Glenn
Associate Professor
College of Arts and Sciences
PhD, Florida State University

Thurmaier, David
Assistant Professor
College of Arts and Sciences
PhD, Brandeis University

Tolchin, Karen
Associate Professor
College of Arts and Sciences
PhD, Indiana University

Tolley, Gregory
Professor
College of Arts and Sciences
PhD, University of South Florida

Torres, Jorge
Associate Professor
College of Business
PhD, University of Texas

Totaro, Rebecca
Associate Professor
College of Arts and Sciences
PhD, University of Massachusetts Amherst

Towne, Amy
Instructor
College of Arts and Sciences
MA, Northern Illinois University

Turner, Marcelle
Advisor
College of Professional Studies
MS, Nova Southeastern University

Ueda, Takashi
Associate Professor
College of Arts and Sciences
PhD, Yale University

Upham, Dayle
Associate Professor
College of Education
PhD, University of Connecticut

Valesky, Thomas
Professor
College of Education
EdD, Memphis State University

Van Auken, Stuart
Eminent Scholar
College of Business
PhD, University of North Texas

van Duijn, Arie
Assistant Professor
College of Health Professions
EdD, University of Central Florida

van Duijn, Jacqueline
Instructor
College of Health Professions
DPT, University of St. Augustine

Vazquez-Montilla, Elia
Professor
College of Education
PhD, University of Florida

Villiers, Claude
Assistant Professor
College of Business
PhD, University of Florida

Volkan, Ara
Professor
College of Arts and Sciences
PhD, The College of William & Mary

Voytek, Mary
Assistant Professor
College of Arts and Sciences
MFA, Rhode Island School of Design
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>College or Department</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wachholz, Patricia</td>
<td>Professor</td>
<td>College of Education</td>
<td>University of Memphis</td>
</tr>
<tr>
<td>Walch, Mary</td>
<td>Assistant Professor</td>
<td>College of Arts and Sciences</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>Walch, Sam</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>Walsh, Roberta</td>
<td>Professor</td>
<td>College of Professional Studies</td>
<td>Brandeis University</td>
</tr>
<tr>
<td>Walsh-Haney, Heather</td>
<td>Assistant Professor</td>
<td>College of Professional Studies</td>
<td>University of Pittsburgh</td>
</tr>
<tr>
<td>Washington, Patricia</td>
<td>Professor</td>
<td>College of Professional Studies</td>
<td>University of Florida</td>
</tr>
<tr>
<td>Weeks, Shelton</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>University of Alabama</td>
</tr>
<tr>
<td>Weingartt, Eleanor</td>
<td>Instructor</td>
<td>College of Education</td>
<td>Florida Atlantic University</td>
</tr>
<tr>
<td>Wells, Ludmilla</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>University of Tennessee</td>
</tr>
<tr>
<td>Whitehouse, Glenn</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>University of Iowa</td>
</tr>
<tr>
<td>Wilkerson, Judy</td>
<td>Associate Professor</td>
<td>College of Education</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>Wilkinson, Andrew</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>University of Ottawa</td>
</tr>
<tr>
<td>Wilkinson, Neil</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>Williamson, Ellen</td>
<td>Assistant Professor</td>
<td>College of Health Professions</td>
<td>Syracuse University</td>
</tr>
<tr>
<td>Wilson, Jo Ann</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>University of Colorado</td>
</tr>
<tr>
<td>Wilson Orndoff, Cynthia</td>
<td>Associate Professor</td>
<td>College of Business</td>
<td>University of Illinois</td>
</tr>
<tr>
<td>Wimberley, Terry</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>University of Pittsburgh</td>
</tr>
<tr>
<td>Winsboro, Irvin</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>University of Akron</td>
</tr>
<tr>
<td>Wisdom, Joe</td>
<td>Associate Professor</td>
<td>College of Arts and Sciences</td>
<td>Florida State University</td>
</tr>
<tr>
<td>Wohlpart, Jim</td>
<td>Professor</td>
<td>College of Arts and Sciences</td>
<td>University of Tennessee</td>
</tr>
<tr>
<td>Wohlpart, Sasha</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>Florida Gulf Coast University</td>
</tr>
<tr>
<td>Wojcik, Jennifer</td>
<td>Instructor</td>
<td>College of Arts and Sciences</td>
<td>University of Alabama</td>
</tr>
<tr>
<td>Wolf, Donna</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>Wright, Karen</td>
<td>Instructor</td>
<td>College of Health Professions</td>
<td>Medical University of South Carolina</td>
</tr>
<tr>
<td>Wright-Isak, Christine</td>
<td>Assistant Professor</td>
<td>College of Business</td>
<td>University of Chicago</td>
</tr>
<tr>
<td>Wynekoop, Judy</td>
<td>Professor</td>
<td>College of Business</td>
<td>Georgia State University</td>
</tr>
</tbody>
</table>
Yazici, Hulya  
Associate Professor  
College of Business  
PhD, University of Missouri

Young, Anne  
Academic Advisor  
College of Health Professions  
BSN, Duke University

Zager, Mary Ann  
Associate Professor  
College of Professional Studies  
PhD, University of Arizona

Zalewski, Janusz  
Professor  
College of Business  
PhD, Warsaw University of Technology

Zhao, Fan  
Assistant Professor  
College of Business  
PhD, University of Nebraska

Zidek, Lisa  
Associate Professor  
College of Business  
PhD, University of Wisconsin

**EMERITI FACULTY**

Davis, Carol E.  
College of Health Professions  
PhD, RN, Case Western Reserve University

Hammond, William  
College of Arts and Sciences  
PhD, Simon Fraser University

Mumme, Roy  
College of Education  
MEd, University of North Carolina – Chapel Hill

Payne, Regina  
College of Health Professions  
EdD, RN, Illinois State University

Ravelli, Joseph L.  
College of Arts and Sciences  
PhD, Rutgers University

Thornton, M. Joyce  
College of Health Professions  
EdD, RN, University of Alabama
INDEX

A
Academic Achievement, Center for ........................................... 54
Academic Amnesty .................................................................. 27
Academic Calendar ................................................................... 2
Academic Grievance Policy ...................................................... 53, 61
Academic Learning Compacts .................................................. 53
Academic Standards of Behavior ............................................. 53, 61
Academic Standing ................................................................... 53, 61
Account and Fee Payment ........................................................ 50
Accounting ............................................................................. 86
Accounting and Taxation .......................................................... 140
Accreditation ........................................................................... 7
Acute Care Nurse Practitioner .................................................... 140
Adaptive Services ................................................................. 20
Adding a Course ..................................................................... 38
Address Change ...................................................................... 38
Administrative Leadership ......................................................... 288
Admission ............................................................................ 24, 35
Advanced Placement Examination ........................................... 31
Advertising .............................................................................. 134
Advising .................................................................................. 21, 54, 62, 68, 71, 74, 78, 82
African Diaspora Studies ......................................................... 134
Alico Arena .............................................................................. 9
Americans with Disabilities Act ................................................. 15
Angel ....................................................................................... 17
Anthropology .......................................................................... 86, 134
Anti-Drug Abuse Act ................................................................ 15
Appeal for Reconsideration ...................................................... 36
Appealing Admission Decisions .............................................. 27
Application Deadlines for U.S. Residence .................................. 24
Application to Graduate ............................................................ 38, 61
Aquatics Center ....................................................................... 10
Art ........................................................................................... 87, 134
Arts and Sciences, College of ................................................. 62
Assessment at FGCU ............................................................... 54
Athletics ................................................................................... 9
Athletic Training ...................................................................... 88
Auditing a Course ................................................................... 38

B
Bioengineering ......................................................................... 89
Biology .................................................................................... 90, 91, 92, 134
Biotechnology ........................................................................... 93
Bookstore ............................................................................... 12
Business Administration ......................................................... 141, 142
Business, Lutgert College of ..................................................... 67

C
Campus Environment .............................................................. 15
Campus Involvement ................................................................ 22
Campus Map ........................................................................... 2
Campus Recreation .................................................................... 20
Cancellation for Non-Payment ............................................... 51
Career Development Services .................................................. 20
Center for Academic Achievement ......................................... 54
Center for Environmental and Sustainability Education .......... 13
Center for Leadership and Innovation ...................................... 13
Certificate programs .............................................................. 162
Change of Major (Undergraduate) .......................................... 38
Choice of Catalog ..................................................................... 38
Chemistry ............................................................................... 94, 135
Civil Engineering .................................................................... 95
Class Attendance ...................................................................... 39
CLEP Subject Examination ..................................................... 33
Clinical Laboratory Science ..................................................... 96
Clinical Laboratory Technology .............................................. 162
Coastal Watershed Institute ................................................... 14
College Reach Out Program .................................................. 20
College-Level Academic Skills Test (CLAST) ......................... 54
Commencement ......................................................................... 39, 61
Common Course Numbering .................................................. 167
Common Prerequisites ............................................................. 55
Communication ......................................................................... 97
Community Health .................................................................... 98
Community Planning and Development .................................. 135
Computer Information Systems ............................................. 99, 135, 142
Computer Science ..................................................................... 100
Compliance Specialist ............................................................. 162
Confidentiality of Student Information ................................... 45
Cost of Attendance .................................................................. 45
Counseling ............................................................................... 143, 144
Counseling and Psychological Services ................................... 20
Course Descriptions ............................................................... 169
Course Load .............................................................................. 39
Creative Writing ......................................................................... 135
Criminal Forensic Studies ....................................................... 101, 145
Criminal Justice ......................................................................... 101, 145
Curriculum, Advising, and Program Planning ......................... 56
Curriculum & Instruction ......................................................... 146
Curriculum & Instruction-Educational Technology .................. 147
Curriculum & Instruction-English Education ............................ 147

D
Dean of Students' Office .......................................................... 20
Deferring Admission ................................................................ 28
Deferring Graduate Application .............................................. 36
Definitions ............................................................................... 18
Degree Acceleration Programs ............................................... 29
Dining Services ......................................................................... 12
Directory Information ............................................................... 39
Diversity Statement .................................................................... 9
Dropping a Course ................................................................... 38
Drug-Free Campus Policy ....................................................... 15
Dual Majors ............................................................................. 56

E
Eagle I.D. Office ......................................................................... 12
Eagle View Orientation ............................................................ 21
Early Admission and Dual Enrollment ...................................... 24
Early Childhood Education ....................................................... 102
Early Childhood Special Education .......................................... 162
Earning Two Baccalaureate Degrees ......................................... 56
Economics ............................................................................... 135
Education ............................................................................... 135, 148
Education, College of ............................................................. 73
Educational Leadership ......................................................... 149, 150
E-Learning and Technology Support ........................................ 17
Electronic Access from Home .................................................. 17
Elementary Education ............................................................. 103, 150, 163
Engineering, U.A. Whitaker School of .................................... 71
English .................................................................................. 104, 135, 151
Enrollment Certification ........................................................... 40
Environmental Engineering ...................................................... 135
Environmental Science ............................................................ 152
Environmental Studies .......................................................... 106

F
Faculty .................................................................................... 290
Family Education Rights and Privacy Act ................................. 40
Federal Stafford Loan Information ........................................... 46
FGCU Collegiate High School ................................................. 25
Finance .................................................................................... 107
Financial Aid and Scholarships ............................................... 45
First-Time-in-College .............................................................. 25
First Year Advising ................................................................. 21
<table>
<thead>
<tr>
<th>Department/Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Reading Project</td>
<td>56</td>
</tr>
<tr>
<td>Florida Prepaid College Plan</td>
<td>52</td>
</tr>
<tr>
<td>Foreign Language Admission Requirement</td>
<td>28</td>
</tr>
<tr>
<td>Former Student Returning</td>
<td>26,36</td>
</tr>
<tr>
<td>Foundation</td>
<td>289</td>
</tr>
<tr>
<td>Foundation Endowed Scholarships</td>
<td>48</td>
</tr>
<tr>
<td>G</td>
<td></td>
</tr>
<tr>
<td>General Education</td>
<td>56</td>
</tr>
<tr>
<td>Gender Studies</td>
<td>135</td>
</tr>
<tr>
<td>Gerontology</td>
<td>160</td>
</tr>
<tr>
<td>Gordon Rule</td>
<td>58</td>
</tr>
<tr>
<td>Global Studies</td>
<td>136</td>
</tr>
<tr>
<td>Grade Forgiveness</td>
<td>40</td>
</tr>
<tr>
<td>Grade Point Average Calculation</td>
<td>41</td>
</tr>
<tr>
<td>Graduate Academic Policies</td>
<td>61</td>
</tr>
<tr>
<td>Graduate Admission</td>
<td>35</td>
</tr>
<tr>
<td>Graduate Application Procedures</td>
<td>35</td>
</tr>
<tr>
<td>Graduate Assistantships</td>
<td>47</td>
</tr>
<tr>
<td>Graduate Change of College</td>
<td>36</td>
</tr>
<tr>
<td>Graduate Change of Major</td>
<td>36</td>
</tr>
<tr>
<td>Graduate Majors and Degrees programs</td>
<td>139</td>
</tr>
<tr>
<td>Graduate Student Learning Outcomes</td>
<td>9</td>
</tr>
<tr>
<td>Graduate Studies, Office of</td>
<td></td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>58,61</td>
</tr>
<tr>
<td>Greek Life</td>
<td>21</td>
</tr>
<tr>
<td>Guiding Principles</td>
<td>8</td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Health Professions, College of</td>
<td>77</td>
</tr>
<tr>
<td>Health Science</td>
<td>107,152</td>
</tr>
<tr>
<td>Health Services Administration</td>
<td>163</td>
</tr>
<tr>
<td>Historical Perspective</td>
<td>7</td>
</tr>
<tr>
<td>History</td>
<td>109,136,153</td>
</tr>
<tr>
<td>Honors Program</td>
<td>59</td>
</tr>
<tr>
<td>Honors Recognition for GPA</td>
<td>42</td>
</tr>
<tr>
<td>Housing and Residence Life</td>
<td>22</td>
</tr>
<tr>
<td>Human Performance</td>
<td>110</td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>Immunization Requirement</td>
<td>29,37</td>
</tr>
<tr>
<td>Institute for Youth and Justice Studies</td>
<td>13</td>
</tr>
<tr>
<td>Interdisciplinary Studies</td>
<td>136</td>
</tr>
<tr>
<td>International Services</td>
<td>11</td>
</tr>
<tr>
<td>International Student Admission</td>
<td>27,35</td>
</tr>
<tr>
<td>International Study and Education</td>
<td>10</td>
</tr>
<tr>
<td>J</td>
<td></td>
</tr>
<tr>
<td>John Scott Dailey Florida Institute of Government</td>
<td>13</td>
</tr>
<tr>
<td>Journalism</td>
<td>136</td>
</tr>
<tr>
<td>Judicial Affairs</td>
<td>21</td>
</tr>
<tr>
<td>L</td>
<td></td>
</tr>
<tr>
<td>Latin American Studies</td>
<td>133</td>
</tr>
<tr>
<td>Learning Academy</td>
<td>58</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>110</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>111</td>
</tr>
<tr>
<td>Library</td>
<td>19</td>
</tr>
<tr>
<td>Long Term Care Administration</td>
<td>111</td>
</tr>
<tr>
<td>Lower Division Transfer</td>
<td>25</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Management</td>
<td>112,136</td>
</tr>
<tr>
<td>Marine Science</td>
<td>113</td>
</tr>
<tr>
<td>Marketing</td>
<td>114,136</td>
</tr>
<tr>
<td>Mathematics</td>
<td>115,136</td>
</tr>
<tr>
<td>Military Call to Active Duty Policy</td>
<td>44</td>
</tr>
<tr>
<td>Minors</td>
<td>59,134</td>
</tr>
<tr>
<td>Mission Statement</td>
<td>8</td>
</tr>
<tr>
<td>Multicultural Student Development Office</td>
<td>21</td>
</tr>
<tr>
<td>Music</td>
<td>137</td>
</tr>
<tr>
<td>Music Education</td>
<td>116</td>
</tr>
<tr>
<td>Music-Performance</td>
<td>117</td>
</tr>
<tr>
<td>Music-Pedagogy</td>
<td>118</td>
</tr>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Name Change</td>
<td>42</td>
</tr>
<tr>
<td>Non Degree-Seeking Enrollment</td>
<td>29,37</td>
</tr>
<tr>
<td>Non-Discrimination</td>
<td>15</td>
</tr>
<tr>
<td>Nurse Anesthesia</td>
<td>154</td>
</tr>
<tr>
<td>Nursing</td>
<td>119,155</td>
</tr>
<tr>
<td>O</td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>156</td>
</tr>
<tr>
<td>Ombudsman</td>
<td>9</td>
</tr>
<tr>
<td>P</td>
<td></td>
</tr>
<tr>
<td>Philosophy</td>
<td>120,137</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>157</td>
</tr>
<tr>
<td>Political Science</td>
<td>121,137</td>
</tr>
<tr>
<td>Post Admission Information</td>
<td>37</td>
</tr>
<tr>
<td>Prevention and Wellness Services</td>
<td>22</td>
</tr>
<tr>
<td>Primary Health Care Nurse Practitioner</td>
<td>158,163</td>
</tr>
<tr>
<td>Professional Golf Management</td>
<td>123</td>
</tr>
<tr>
<td>Professional Studies, College of</td>
<td>82</td>
</tr>
<tr>
<td>Psychology</td>
<td>123,137</td>
</tr>
<tr>
<td>Public Administration</td>
<td>159</td>
</tr>
<tr>
<td>Public Schools Enrichment Partnership</td>
<td>22</td>
</tr>
<tr>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Quality Enhancement Plan (QEP)</td>
<td>59</td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>Reading</td>
<td>159</td>
</tr>
<tr>
<td>Real Estate</td>
<td>137</td>
</tr>
<tr>
<td>Reference and Research Assistance</td>
<td>19</td>
</tr>
<tr>
<td>Refund and Repayment Policies</td>
<td>47,52</td>
</tr>
<tr>
<td>Registration</td>
<td>38</td>
</tr>
<tr>
<td>Reinstatement of Classes</td>
<td>52</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>137</td>
</tr>
<tr>
<td>Repeat Course Surcharge</td>
<td>42</td>
</tr>
<tr>
<td>Research and Sponsored Programs</td>
<td>11</td>
</tr>
<tr>
<td>Residency for Tuition Purposes</td>
<td>42,51</td>
</tr>
<tr>
<td>Residency Requirement for Graduation</td>
<td>42</td>
</tr>
<tr>
<td>Resort &amp; Hospitality Management</td>
<td>124</td>
</tr>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>Satisfactory Academic Progress</td>
<td>47</td>
</tr>
<tr>
<td>Second Baccalaureate Degree</td>
<td>28</td>
</tr>
<tr>
<td>Second Master's Degree</td>
<td>37</td>
</tr>
<tr>
<td>Secondary Biology Education</td>
<td>125</td>
</tr>
<tr>
<td>Secondary Education</td>
<td>164</td>
</tr>
<tr>
<td>Secondary Mathematics</td>
<td>126</td>
</tr>
<tr>
<td>Secondary Social Science</td>
<td>127</td>
</tr>
<tr>
<td>Semester System</td>
<td>42</td>
</tr>
<tr>
<td>Senior Citizen Tuition Waivers</td>
<td>43</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>59</td>
</tr>
<tr>
<td>Service-Learning EaglesConnect</td>
<td>59</td>
</tr>
<tr>
<td>Sexual Harassment Policy</td>
<td>15</td>
</tr>
<tr>
<td>Small Business Development Center</td>
<td>13</td>
</tr>
<tr>
<td>Social Work</td>
<td>128,160</td>
</tr>
<tr>
<td>Sociology</td>
<td>128,138</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>138</td>
</tr>
<tr>
<td>Southern Regional Electronic Campus</td>
<td>17</td>
</tr>
<tr>
<td>Section</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Southwest Florida Studies</td>
<td>138</td>
</tr>
<tr>
<td>Spanish</td>
<td>129,138</td>
</tr>
<tr>
<td>Special Education</td>
<td>130,161,164</td>
</tr>
<tr>
<td>Student Classifications</td>
<td>43</td>
</tr>
<tr>
<td>Student Computer Labs</td>
<td>17</td>
</tr>
<tr>
<td>Student Government</td>
<td>23</td>
</tr>
<tr>
<td>Student Health Services</td>
<td>23</td>
</tr>
<tr>
<td>Student Holds</td>
<td>43</td>
</tr>
<tr>
<td>Student Records</td>
<td>43</td>
</tr>
<tr>
<td>Student Right to Know/Campus Security</td>
<td>15</td>
</tr>
<tr>
<td>Student Support Services and Outreach</td>
<td>23</td>
</tr>
<tr>
<td>Student Tuition Waivers</td>
<td>26</td>
</tr>
<tr>
<td>Students Office, Dean of</td>
<td>21</td>
</tr>
<tr>
<td>Students with Disabilities</td>
<td>27,36</td>
</tr>
<tr>
<td>Summer Enrollment Requirement</td>
<td>43</td>
</tr>
<tr>
<td>Support for Distance Learners</td>
<td>19</td>
</tr>
<tr>
<td>SW Florida Interdisciplinary Center for Positive Aging</td>
<td>13</td>
</tr>
<tr>
<td>System Requirements</td>
<td>18</td>
</tr>
<tr>
<td>Taxable Financial Aid</td>
<td>47</td>
</tr>
<tr>
<td>Teacher Preparation Programs</td>
<td>11</td>
</tr>
<tr>
<td>Technology Support and Help Desk</td>
<td>17</td>
</tr>
<tr>
<td>Testing and Assessment</td>
<td>23</td>
</tr>
<tr>
<td>Theatre</td>
<td>131</td>
</tr>
<tr>
<td>Therapeutic Recreation</td>
<td>162</td>
</tr>
<tr>
<td>Thesis Preparation Guidelines</td>
<td>61</td>
</tr>
<tr>
<td>Title IV Funds</td>
<td>52</td>
</tr>
<tr>
<td>Transcripts</td>
<td>43</td>
</tr>
<tr>
<td>Transfer Credit</td>
<td>36</td>
</tr>
<tr>
<td>Transfer of Coursework</td>
<td>28</td>
</tr>
<tr>
<td>Transfer with Florida AA Degree</td>
<td>26</td>
</tr>
<tr>
<td>Transient Student</td>
<td>43</td>
</tr>
<tr>
<td>Tuition Fee Appeals</td>
<td>52</td>
</tr>
<tr>
<td>Tuition, Fees, and Refunds</td>
<td>50</td>
</tr>
<tr>
<td>Tuition Waivers</td>
<td>52</td>
</tr>
<tr>
<td>Undergraduate Academic Policies and Procedures</td>
<td>53</td>
</tr>
<tr>
<td>Undergraduate Admission</td>
<td>24</td>
</tr>
<tr>
<td>Undergraduate Admissions Scholarships</td>
<td>47</td>
</tr>
<tr>
<td>Undergraduate Majors and Degree Programs</td>
<td>85</td>
</tr>
<tr>
<td>Undergraduate Student Learning Outcomes</td>
<td>8</td>
</tr>
<tr>
<td>University Colloquium</td>
<td>60</td>
</tr>
<tr>
<td>University Police and Safety</td>
<td>12</td>
</tr>
<tr>
<td>Upper Division Transfer</td>
<td>26</td>
</tr>
<tr>
<td>Veterans and Third Party Deferments</td>
<td>52</td>
</tr>
<tr>
<td>Veterans Educational Benefits</td>
<td>43</td>
</tr>
<tr>
<td>Vision Statement</td>
<td>8</td>
</tr>
<tr>
<td>WGCU-TV and WGCU-FM</td>
<td>12</td>
</tr>
<tr>
<td>Whitaker Center for Science, Mathematics, and Technology Education</td>
<td>14</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>44</td>
</tr>
<tr>
<td>Women’s Studies</td>
<td>134</td>
</tr>
<tr>
<td>Writing Center</td>
<td>60</td>
</tr>
</tbody>
</table>