The UCF Creed

Integrity, scholarship, community, creativity, and excellence are the core values that guide our conduct, performance, and decisions. These values comprise the guiding principles that direct the actions of the University, its students, and its employees.

Integrity
I will practice and defend academic and personal honesty.

Scholarship
I will cherish and honor learning as a fundamental purpose of my membership in the UCF community.

Community
I will promote an open and supportive campus environment by respecting the rights and contributions of every individual.

Creativity
I will use my talents to enrich the human experience.

Excellence
I will strive toward the highest standards of performance in any endeavor I undertake.

PEGASUS was the winged horse of the muses in Greek Mythology. It carried their hopes, their aspirations, and their poetry into the skies. PEGASUS is as futuristic as tomorrow’s space exploration in our solar system and into the universe beyond. The seal also bridges the gap between the humanities and space technology.

UCF Stands For Opportunity
Mission Statement

The University of Central Florida is a public multi-campus, metropolitan research university that stands for opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental and societal needs by providing high-quality, broad-based education and experienced-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.
Welcome to the University of Central Florida!

UCF stands for opportunity, and many possibilities for professional and personal growth await you. Work hard in your classes and participate fully in extra-curricular activities, and you will be rewarded with an excellent education along with experiences that will enrich your life.

Our classrooms, laboratories, and studios provide excellent venues for academic growth. But you will also learn important lessons when you volunteer to help others, play sports, get involved in student government, and participate in any of the numerous clubs and organizations on campus.

This is an exciting time to be a student at UCF. Our academic programs are setting the standard for institutions of higher education, our faculty members are nationally renowned for their teaching and research, our academic service-learning program is among the largest in the nation, and our athletic teams compete with the best in the country.

As you seize the opportunities at UCF, focus on reaching your full potential. Make the UCF Creed an integral part of your value system: practice personal honesty, cherish learning, respect the rights of every individual, enrich the human experience, and strive toward the highest standards of personal performance. In short, conduct yourself on campus and in the community to bring distinction to you and to our university.

UCF faculty members and staff members are here to help you to learn, to grow, and to excel. Upon graduation, you will join the more than 250,000 alumni whose lives have been enhanced by their UCF experience.

I wish for you much success and happiness during this coming year. Enjoy UCF, and go Knights!

Cordially yours,

John C. Hitt
President
### Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Administration</td>
<td>8</td>
</tr>
<tr>
<td>Academic Calendars</td>
<td>10</td>
</tr>
<tr>
<td>University Notices</td>
<td>12</td>
</tr>
<tr>
<td>Undergraduate Academic Policy Statement</td>
<td>12</td>
</tr>
<tr>
<td>Non-Discrimination Policy</td>
<td>12</td>
</tr>
<tr>
<td>Drug-Free Workplace/Drug-Free Schools Policy Statement</td>
<td>12</td>
</tr>
<tr>
<td>Campus Alcohol Beverage Policy</td>
<td>12</td>
</tr>
<tr>
<td>Academic Behavior Standards</td>
<td>12</td>
</tr>
<tr>
<td>Student Use of Technology</td>
<td>13</td>
</tr>
<tr>
<td>Undeclared College</td>
<td>13</td>
</tr>
<tr>
<td>Student Responsibility for University Communication</td>
<td>13</td>
</tr>
<tr>
<td>Accreditation</td>
<td>13</td>
</tr>
<tr>
<td>University of Central Florida/Campuses</td>
<td>15</td>
</tr>
<tr>
<td>The University</td>
<td>15</td>
</tr>
<tr>
<td>Center for Distributed Learning</td>
<td>15</td>
</tr>
<tr>
<td>Regional Campuses</td>
<td>15</td>
</tr>
<tr>
<td>Central Florida Research Park</td>
<td>19</td>
</tr>
<tr>
<td>Endowed Chairs</td>
<td>20</td>
</tr>
<tr>
<td>University Ombuds Office</td>
<td>21</td>
</tr>
<tr>
<td>Office of Undergraduate Studies</td>
<td>21</td>
</tr>
<tr>
<td>International Services Center</td>
<td>21</td>
</tr>
<tr>
<td>UCF Public Safety and Police</td>
<td>21</td>
</tr>
<tr>
<td>Information Technologies and Resources</td>
<td>23</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>24</td>
</tr>
<tr>
<td>Graduation Rate Disclosure</td>
<td>24</td>
</tr>
<tr>
<td>CFA Arena at Knights Plaza</td>
<td>24</td>
</tr>
<tr>
<td>Campus Bookstores</td>
<td>24</td>
</tr>
<tr>
<td>Parking and Transportation Services</td>
<td>24</td>
</tr>
<tr>
<td>Orlando Shakespeare Theater in Partnership with UCF</td>
<td>24</td>
</tr>
<tr>
<td>UCF Alumni Association</td>
<td>25</td>
</tr>
<tr>
<td>UCF Foundation, Inc.</td>
<td>26</td>
</tr>
<tr>
<td>Special Academic Programs and Research Institutes</td>
<td>26</td>
</tr>
<tr>
<td>International Studies</td>
<td>26</td>
</tr>
<tr>
<td>Study Abroad Programs</td>
<td>26</td>
</tr>
<tr>
<td>Experiential Learning (Office of), Undergraduate Studies</td>
<td>26</td>
</tr>
<tr>
<td>Division of Continuing Education</td>
<td>27</td>
</tr>
<tr>
<td>Institutes and Centers for Research</td>
<td>27</td>
</tr>
<tr>
<td>Undergraduate Admissions</td>
<td>30</td>
</tr>
<tr>
<td>Campus Visit Experience</td>
<td>30</td>
</tr>
<tr>
<td>Application for Admission</td>
<td>30</td>
</tr>
<tr>
<td>Limited Access Programs</td>
<td>31</td>
</tr>
<tr>
<td>Orientation</td>
<td>31</td>
</tr>
<tr>
<td>Admission Categories</td>
<td>31</td>
</tr>
<tr>
<td>International Applicants</td>
<td>33</td>
</tr>
<tr>
<td>Non-Academic Admission Clearances</td>
<td>33</td>
</tr>
<tr>
<td>Transfer Credit: All Applicants</td>
<td>34</td>
</tr>
<tr>
<td>Bachelor's Degree</td>
<td>34</td>
</tr>
<tr>
<td>Student Financial Assistance</td>
<td>35</td>
</tr>
<tr>
<td>Office of Student Financial Assistance</td>
<td>35</td>
</tr>
<tr>
<td>Student Rights and Responsibilities</td>
<td>35</td>
</tr>
<tr>
<td>Student Eligibility</td>
<td>35</td>
</tr>
<tr>
<td>Application Priority Date</td>
<td>35</td>
</tr>
<tr>
<td>Application Procedures</td>
<td>35</td>
</tr>
<tr>
<td>Specific Eligibility Requirements and Conditions</td>
<td>35</td>
</tr>
<tr>
<td>Program Eligibility Charts</td>
<td>36</td>
</tr>
<tr>
<td>Helpful Hints</td>
<td>36</td>
</tr>
<tr>
<td>School Costs</td>
<td>36</td>
</tr>
<tr>
<td>Financial Aid Programs Available at UCF</td>
<td>36</td>
</tr>
<tr>
<td>Award Notification</td>
<td>36</td>
</tr>
<tr>
<td>Deferrals of Tuition and Fees</td>
<td>36</td>
</tr>
<tr>
<td>Disbursements</td>
<td>37</td>
</tr>
<tr>
<td>Satisfactory Academic Progress (SAP)</td>
<td>37</td>
</tr>
<tr>
<td>Reestablishing Eligibility after Cancellation</td>
<td>37</td>
</tr>
<tr>
<td>Satisfactory Academic Progress Probation</td>
<td>37</td>
</tr>
<tr>
<td>Transfer Students</td>
<td>37</td>
</tr>
<tr>
<td>Independent Students</td>
<td>37</td>
</tr>
<tr>
<td>Transient Enrollment</td>
<td>38</td>
</tr>
<tr>
<td>Over Awards</td>
<td>38</td>
</tr>
<tr>
<td>Refunds and Return of Title IV Funds</td>
<td>38</td>
</tr>
<tr>
<td>Professional Judgment</td>
<td>38</td>
</tr>
<tr>
<td>Repeated Coursework</td>
<td>38</td>
</tr>
<tr>
<td>Student Tuition and Fees</td>
<td>39</td>
</tr>
<tr>
<td>Student Account Services</td>
<td>39</td>
</tr>
<tr>
<td>Schedule of Fees</td>
<td>39</td>
</tr>
<tr>
<td>Student Financial Responsibility Statement</td>
<td>39</td>
</tr>
<tr>
<td>Payment Procedures</td>
<td>39</td>
</tr>
<tr>
<td>Other Forms of Payment</td>
<td>39</td>
</tr>
<tr>
<td>Refund of Fees</td>
<td>39</td>
</tr>
<tr>
<td>Direct Deposit</td>
<td>40</td>
</tr>
<tr>
<td>Past Due Accounts</td>
<td>40</td>
</tr>
<tr>
<td>Late Fees</td>
<td>40</td>
</tr>
<tr>
<td>Florida Residency for Tuition Purposes</td>
<td>40</td>
</tr>
<tr>
<td>Residency Reclassification</td>
<td>41</td>
</tr>
<tr>
<td>Division of Student Development and Enrollment Services</td>
<td>42</td>
</tr>
<tr>
<td>Transfer and Transition Services</td>
<td>50</td>
</tr>
<tr>
<td>Academic Advising</td>
<td>53</td>
</tr>
<tr>
<td>Responsibilities</td>
<td>53</td>
</tr>
<tr>
<td>Freshmen (First Time in College - FTIC)</td>
<td>53</td>
</tr>
<tr>
<td>The Burnett Honors College</td>
<td>53</td>
</tr>
<tr>
<td>College of Arts and Humanities</td>
<td>53</td>
</tr>
<tr>
<td>College of Business Administration</td>
<td>54</td>
</tr>
<tr>
<td>College of Education and Human Performance</td>
<td>54</td>
</tr>
<tr>
<td>College of Engineering and Computer Science</td>
<td>54</td>
</tr>
<tr>
<td>College of Health and Public Affairs</td>
<td>54</td>
</tr>
<tr>
<td>College of Medicine</td>
<td>55</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>55</td>
</tr>
<tr>
<td>College of Sciences</td>
<td>55</td>
</tr>
<tr>
<td>Office of Undergraduate Studies</td>
<td>56</td>
</tr>
<tr>
<td>College of Hospitality系统 56</td>
<td></td>
</tr>
<tr>
<td>Regional Campus System</td>
<td>56</td>
</tr>
<tr>
<td>Academic Regulations and Procedures</td>
<td>57</td>
</tr>
<tr>
<td>Registration Policies</td>
<td>57</td>
</tr>
<tr>
<td>Terms and Credit Hours</td>
<td>57</td>
</tr>
<tr>
<td>Credit Hour Limits</td>
<td>57</td>
</tr>
<tr>
<td>Excess Hours</td>
<td>57</td>
</tr>
<tr>
<td>Holds</td>
<td>57</td>
</tr>
<tr>
<td>Drop/Swap and Add Policy</td>
<td>57</td>
</tr>
<tr>
<td>Audit Registration</td>
<td>57</td>
</tr>
<tr>
<td>UCF Math Placement Test</td>
<td>57</td>
</tr>
<tr>
<td>Senior Citizen Audit</td>
<td>57</td>
</tr>
<tr>
<td>State of Florida Employee and UCF Employee Registration</td>
<td>57</td>
</tr>
<tr>
<td>Limited Non-Degree Seeking Applicants</td>
<td>57</td>
</tr>
<tr>
<td>STEP (National Guard) Registration</td>
<td>58</td>
</tr>
<tr>
<td>State University System (SUS) Florida Transient Students</td>
<td>58</td>
</tr>
<tr>
<td>UCF Students Attending Another Florida Public Institution</td>
<td>58</td>
</tr>
<tr>
<td>UCF Students Attending a Non-SUS Institution</td>
<td>58</td>
</tr>
<tr>
<td>Enrollment and Degree Verifications</td>
<td>58</td>
</tr>
<tr>
<td>Withdrawal Policy</td>
<td>58</td>
</tr>
<tr>
<td>Grade System</td>
<td>59</td>
</tr>
<tr>
<td>Incomplete Grade</td>
<td>60</td>
</tr>
<tr>
<td>Grade Change</td>
<td>60</td>
</tr>
<tr>
<td>Grade Reports</td>
<td>60</td>
</tr>
<tr>
<td>Attendance, Absences, or Unsatisfactory Work</td>
<td>60</td>
</tr>
<tr>
<td>Classroom Responsibility</td>
<td>60</td>
</tr>
<tr>
<td>Student Conduct</td>
<td>60</td>
</tr>
<tr>
<td>Religious Observances</td>
<td>60</td>
</tr>
<tr>
<td>Student Classifications</td>
<td>60</td>
</tr>
<tr>
<td>Academic Honors</td>
<td>61</td>
</tr>
<tr>
<td>Grade Forgiveness</td>
<td>61</td>
</tr>
<tr>
<td>Academic Standing</td>
<td>61</td>
</tr>
<tr>
<td>Earning Credit While Disqualified</td>
<td>62</td>
</tr>
<tr>
<td>Readmission</td>
<td>62</td>
</tr>
<tr>
<td>Academic Amnesty Program</td>
<td>63</td>
</tr>
<tr>
<td>Athletic Eligibility and Retention Committee</td>
<td>64</td>
</tr>
<tr>
<td>Name Changes</td>
<td>64</td>
</tr>
<tr>
<td>Address and Email Changes</td>
<td>64</td>
</tr>
<tr>
<td>Transcript Requests</td>
<td>64</td>
</tr>
<tr>
<td>Transfer Credit for Repeat Course Repay Charges</td>
<td>64</td>
</tr>
<tr>
<td>Major, Minor, Undergraduate Certificate Policies</td>
<td>64</td>
</tr>
<tr>
<td>Student Records</td>
<td>65</td>
</tr>
<tr>
<td>Family Educational Rights and Privacy Act (FERPA)</td>
<td>65</td>
</tr>
<tr>
<td>Higher Education Act</td>
<td>65</td>
</tr>
<tr>
<td>Accelerated Education Opportunities</td>
<td>70</td>
</tr>
<tr>
<td>Undergraduate Degree Requirements</td>
<td>70</td>
</tr>
<tr>
<td>Requirements for Graduation</td>
<td>70</td>
</tr>
<tr>
<td>Choice of Catalog (Catalog Year) and Continuous Enrollment</td>
<td>70</td>
</tr>
<tr>
<td>General Education Program (GEP)</td>
<td>70</td>
</tr>
<tr>
<td>Diversity Requirement</td>
<td>71</td>
</tr>
<tr>
<td>Exit Exams</td>
<td>72</td>
</tr>
<tr>
<td>Foreign Language Proficiency Requirement</td>
<td>72</td>
</tr>
<tr>
<td>SUS Foreign Language Admission Requirement</td>
<td>72</td>
</tr>
<tr>
<td>The Gordon Rule</td>
<td>72</td>
</tr>
<tr>
<td>Semester Attendance Requirement</td>
<td>73</td>
</tr>
<tr>
<td>Admission to the Upper Division</td>
<td>73</td>
</tr>
<tr>
<td>Graduation Application Deadline</td>
<td>74</td>
</tr>
<tr>
<td>Correspondence Courses</td>
<td>74</td>
</tr>
</tbody>
</table>
Florida Board of Governors
Chair ................................................................. Morteza “Mof” Hosseini
Vice Chair ............................................................ Thomas G. Kuntz
Board Member .................................................. Richard A. Beard III
Board Member .................................................. Matthew C. Carter II
Board Member .................................................. Nancy Chorpita
Board Member .................................................. Dean Colton
Board Member (Student Representative) .......... Carlo Fassi
Board Member .................................................. Patricia Frost
Board Member .................................................. H. Wayne Huizenga, Jr.
Board Member .................................................. Thomas G. Kuntz
Board Member .................................................. Ned C. Lautenbach
Board Member .................................................. Alan Levine
Board Member .................................................. Wendy Link
Board Member .................................................. Edward Morton
Board Member (Education Commissioner) .. Pam Stewart
Board Member .................................................. Norman D. Tripp
Board Member .................................................. Elizabeth L. Webster

University of Central Florida Board of Trustees
Chair ................................................................. Olga Calvet
Vice Chair ............................................................ John Sprouls
Trustee ................................................................. Jim Atchison
Trustee ................................................................. Clarence Brown III
Trustee ................................................................. Richard T. Crofty
Trustee ................................................................. Robert A. Garvy
Trustee ................................................................. Ray Gilley
Trustee ................................................................. Marcos R. Marchena
Trustee ................................................................. Alex Martins
Trustee ................................................................. Beverly Seay
Faculty Senate Trustee ........................................ Reid Oetjen
Student Trustee .................................................. Weston Bayes

Principal Officers
President ............................................................. John C. Hitt
Interim Provost and Executive Vice President, Academic Affairs .... Diane Z. Chase
Vice President and General Counsel .................. W. Scott Cole
Vice President Emerita, Community Relations .......... Helen Donegan
Vice President, Student Development and Enrollment Services ........... Maribeth Ehasz
Vice President, Medical Affairs, and Dean, College of Medicine .......... Deborah C. German
Vice President, Alumni Relations and Development ........... Robert J. Holmes, Jr.
Vice President, University Relations ........... Daniel C. Holsenbeck
Vice President, Administration and Finance, and Chief Financial Officer .... William F. Merck II
Vice President and Chief of Staff .................. John Schell
Vice President, Research and Commercialization .. M. J. Sollie
Vice President and Director of Athletics .................. Todd Stansbury

Administration
Office of the President
President of the University ................................ John C. Hitt
Vice President and Chief of Staff .................. John Schell
Special Assistant to the President and Vice President Emerita .. Beth Barnes
Assistant Chief of Staff ........................................ Nancy Marshall
Sr. Administrative Assistant to the President ............ Sandra M. Chepetow
Assistant Vice President, Institutional Effectiveness and Energy Management .. John Bersia
Director, Diversity Initiatives .................. Barbara Thompson
Director, Global Perspectives and Strategic Planning .......... Robert Taft
Interim Director, Constituent Relations .......... Ana Petkov
Assistant Director, Constituent Relations ........ Glenna Oro
Director, Constituent Relations .................. Ana Petkov
Director, Diplomacy Program .................. Ambassador Elan Dadush
Director, Office of the President for Community Relations .......... Helen Donegan
Vice President, Community Relations ........... Maribeth Ehasz
Associate Vice President, Division of Community Relations; Director, Metropolitan Center for Regional Studies .......... Diane Trees
Associate Vice President and Director, Office of Community Relations ........... Maritza Martinez
Assistant Vice President, Division of Constituents Relations .......... Glenna Oro
Director, Constituent Relations .................. Ana Petkov
Director, Diplomacy Program .................. Ambassador Elan Dadush
Director, Office of the President for Student Development and Enrollment Services .......... Maribeth Ehasz
Associate Vice President, SDES .......... Sharon L. Ekern
Associate Vice President, SDES ........ Patricia MacKown
Associate Vice President, SDES ................ DeLaine Priest
Associate Vice President, SDES ............ Kerry Welch
Associate Vice President, Enrollment Services .......... Gordon D. Chavis, Jr.
Assistant Vice President, Community Support .......... Belinda Boston
Assistant Vice President, Learning Support Services .......... Mark Gumble
Assistant Vice President, Office of Budget and Personnel Support .......... David Pavlovits
Assistant Vice President, Student Neighborhood Relations .......... A. J. Range
Assistant Vice President, Administrative and Career Services .......... Chadanda Torres
University Registrar .................. Brian Boyd
Executive Director, Career Services .................. Lynn Hansen
Executive Director, Housing and Residence Life .......... Christopher Hartzler
Office of University Relations
Vice President, University Relations, and Director of Governmental Relations .......... Robert J. Holmes, Jr.
Vice President, University Relations, and Director of Governmental Relations .......... Daniel C. Holsenbeck
Associate Vice President, University Relations .......... William F. Merck II
Associate Vice President, Facilities and Safety .......... Lee Kernek
Associate Vice President, Human Resources, and Chief HR Officer .......... Marvin L. Pyles
Associate Vice President, University Services .......... Curt Sawyer
Associate Vice President, Debt Management .......... John Pittman
Assistant Vice President, Finance and Controller .......... Tracy Clark
Associate Vice President, Safety and Chief of Police .................. Richard Beary
Assistant Vice President, Facilities .......... David Norvell, Jr.
Director, Business Services .......... Peggy Howse
Director, Emergency Management .......... Jeffery Morgan
Director, Environmental Health and Safety .......... Thomas Briggs
Director, Facilities Planning and Construction .......... Bob Mason
Director, Human Resources .......... Roxane Walton
Director, Landscape and Natural Resources .......... Patrick Bohlen
Director, Parking and Transportation Services .......... Cyril Singh
Director, Purchasing .......... Gregory Robinson
Director, Resource Management .......... Montel Watson
Director, Sustainability and Energy Management .......... TBA
### Office of the Vice President for Research & Commercialization

Vice President, Research & Commercialization .............................. M.J. Solieau  
Associate Vice President, Research & Commercialization .......... Tom O’Neal  
Assistant Vice President, Research & Commercialization ........ Debra Reinhart  
Assistant Vice President, Research & Commercialization ....... Pallavoor N. Vaidyanathan  
Director, Marketing and Communications ................................. Barbara Abney

### Office of the Vice Provost and Dean of Graduate Studies

Vice Provost and Dean, Graduate Studies ................................. C. Ross Hinkle  
Senior Associate Dean, Graduate Studies ............................... Max Pool  
Associate Dean, Financial Support ......................................... Jana Janskins  
Assistant Dean, Graduate Studies ............................ Tracy R. Jones  
Director, Office of Graduate Admissions and Student Services... Barbara Rodríguez  
Director, Office of Graduate Financial Assistance and Publications ........................ Debra Winter

### Office of the Vice Provost for Regional Campuses Administration

Vice Provost, Regional Campuses ................................. J. Jeffrey Jones  
Associate Vice President, Academic Initiatives ................. Steve Holmes  
Associate Vice President, Administrative Affairs ........... David Laney  
Associate Vice President, UCF Cocoa and Palm Bay .............. Denise Young  
Associate Vice President, Regional Campuses and Enrollment Services, Marketing and Outreach .. Angela Peterson  
Associate Vice President, UCF Sanford/Lake Mary ................. J. Michael  
Assistant Vice President, UCF Daytona .................................. Linda Bradley  
Assistant Vice President, UCF South Lake, Ocala and Leesburg ............................ Cecelia H. Rivers  
Associate Vice Provost, UCF Valencia West and UCF TBA .......................... TBA

### Office of the Vice Provost and Dean of Undergraduate Studies

Interim Vice Provost and Dean ........................................ Elliot Vittes  
Interim Associate Dean and Director, Academic Services ...... Heath Martin  
Director, Academic Advancement Programs ......................... Michael Aldarondio-Jeffries  
Director, EXCEL Program ................................................. Melissa Dagle  
Interim Director, Office of Experiential Learning ..................... Jula Isaac  
Director, Office of Interdisciplinary Studies ....................... Michael Hampton  
Interim Director, Office of Pre-Health and Pre-Law Advising ............ Elliot Vittes  
Director, Office of Undergraduate Research ......................... Kimberly Schneider  
Director, Quality Enhancement Plan Development Office ........ TBA

### Colleges, Schools, and Departments

**Burnett Honors College**

Dean ................................................................. Alvin Wang  
Associate Dean ................................................... Martin Dupuis  
Director, Advising .................................................. Rex Roberts  
Director, Budget and Personnel ...................................... Lesanne Brunswick  
Director, Information Systems ....................................... Michael T. Callahan  
Director, Prestigious Awards ......................................... TBA  
Director, Research and Civic Engagement ................. Kelly Astro  
Director, Student Services ........................................... Madi Dogaru

**College of Arts and Humanities**

Dean ................................................................. José Fernández  
Associate Dean .................................................... Lynn Hepner  
Assistant Dean ...................................................... Rudy McDaniel  
Assistant Dean ...................................................... Nancy Stanlick  
Director, CAH Student Advising (CAHSA) ......................... Delia Garcia  
Director, School of Performing Arts ......................... Jeffrey Moore  
Director, School of Visual Arts and Design ..................... Byrnie Clerc  
Chair, English ...................................................... Patrick Murphy  
Chair, History ......................................................... John Sacher  
Chair, Modern Languages and Literatures ..................... TBA  
Chair, Pre-Vocational ............................................... Michael Swarmer  
Chair, Writing and Rhetoric ........................................... Elizabeth Wardle

**College of Business Administration**

Dean ................................................................. Paul Jarley  
Associate Dean ...................................................... Foard Jones  
Associate Dean ...................................................... E. Taylor Ellis  
Interim Associate Dean ................................................ TBA  
Director, Kenneth G. Dixon School of Accounting ............... Sean Robb  
Director, Undergraduate Student Services ......................... TBA  
Chair, Economics ...................................................... Mark Dickie  
Chair, Finance ........................................................... Paul Gregg  
Chair, Management ..................................................... Steven Goodman  
Chair, Marketing ........................................................ Ronald E. Michaels

**College of Education and Human Performance**

Dean ................................................................. Sandra L. Robinson  
Executive Associate Dean, Academic Affairs .................... B. Grant Hayes  
Associate Dean, Research and Strategic Initiatives ........ Andrew Daire  
Executive Director, Office of Undergraduate Affairs and Partnerships .......................... Bryan Zugelder  
Director, School of Teaching, Learning and Leadership ....... Michael Hynes  
Director, Undergraduate Affairs .................................... Andrea Small  
Chair, Child, Family, and Community Sciences ............ E.H. Mike Robinson, III  
Chair, Educational and Human Sciences ......................... Jay R. Hoffman

**College of Engineering and Computer Science**

Dean ................................................................. Michael Georgopoulos  
Associate Dean, Academic Affairs and Director, College Honors Programs ........ Charles Reilly  
Associate Dean, Research and Administration ............... Ranganathan Kumar  
Chair, Civil, Environmental and Construction Engineering ...... Mohamed Abdel-Aty  
Chair, Computer Science Division ................................. Gary T. Leavens  
Chair, Electrical and Computer Engineering Division .......... Zhihua Qu  
Chair, Industrial Engineering and Management Systems ....... Wald. Robert Genosi  
Interim Chair, Materials Science and Engineering ........... Sudipta Seal  
Interim Chair, Mechanical and Aerospace Engineering ..... TBA

**College of Health and Public Affairs**

Dean ................................................................. Michael L. Frumkin  
Associate Dean, Academic Affairs and Technology ........ Ross Wolf  
Associate Dean, Administration and Faculty Affairs ......... Dawn Oetjen  
Associate Dean, Research ........................................... Thomas Wan  
Associate Dean, Student/Personnel Affairs ..................... Melvin Rogers  
Director, School of Public Administration ................. Mary Ann Feldheim  
Director, School of Social Work ....................................... Bonnie Yegidis  
Director, Undergraduate Student Services ................. Mariangely Rente  
Chair, Communication Sciences and Disorders ............... Richard Zaack  
Interim Chair, Criminal Justice ..................................... Roberto Potter  
Interim Chair, Health Management and Informatics ............ Reaid Oetjen  
Interim Chair, Health Professions ..................................... Krishna Selvathurai  
Chair, Legal Studies ..................................................... James Beckman

**College of Medicine**

Vice-President for Medical Affairs and Dean ................... Deborah C. German  
Associate Dean, Burnett School of Biomedical Sciences ...... Richard Pepple  
Interim Associate Dean, Research ................................... Sampath Parthasartathy  
Associate Director, Academic Affairs (Burnett School) .... Roseann White  
Associate Director, Facilities (Burnett School) ................. D. Russell Nelson  
Chair, Clinical Sciences .................................................. Ralph Caruana  
Chair, Medical Education ............................................... David Balkwill  
Chair, Student Services and Advisement (OSSA) .............. Amanda Colee

**College of Nursing**

Interim Dean ........................................................... May Lou Sole  
Associate Dean, Undergraduate Affairs ......................... Maureen M. Covelli  
Associate Dean, Graduate Affairs ......................................... TBA  
Associate Dean, Academic Affairs ................................. David J. Hagan

**College of Optics and Photonics**

Dean and Director ........................................................... Bahaa Saleh  
Associate Dean, Academic Affairs ....................................... TBA  
Associate Dean, Graduate Affairs ........................................ TBA

**College of Sciences**

Dean ................................................................. Michael Johnson  
Associate Dean ...................................................... Arlen F. Chase  
Associate Dean ...................................................... Teresa Dorman  
Associate Dean ...................................................... Jack M. McGuire  
Associate Dean ...................................................... Cynthia Young  
Director, Nicholson School of Communication ............. Robert C. Chandler  
Director, Undergraduate Services (Academic Services) .... Lee Anne Kirkpatrick  
Chair, Anthropology ....................................................... Arlen F. Chase  
Interim Chair, Biology ....................................................... Laurie von Kalin  
Chair, Chemistry .......................................................... Kevin D. Belfield  
Chair, Mathematics .......................................................... Piotr Mikusinski  
Chair, Physics ............................................................... Talat Rahman  
Chair, Political Science ........................................................... Kerstin Hamann  
Chair, Psychology ............................................................ Jeffrey Cassisi  
Chair, Sociology ............................................................... TBA  
Chair, Statistics ............................................................... David M. Nickerson

**Rosen College of Hospitality Management**

Dean ................................................................. Abraham Pizam  
Associate Dean ...................................................... Tadayuki Hara  
Associate Dean ...................................................... Youpcheong Wang
# 2014 SUMMER ACADEMIC CALENDAR

<table>
<thead>
<tr>
<th>Event/Deadline</th>
<th>Session A (May 12 - June 20)</th>
<th>Session B (June 23 - August 1)</th>
<th>Session C (May 12 - August 1)</th>
<th>Session D (May 12 - July 11)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Deadline for All New Undergraduates</td>
<td>March 1</td>
<td>March 1</td>
<td>March 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Application Deadline for Readmission</td>
<td>April 1</td>
<td>April 1</td>
<td>April 1</td>
<td>April 1</td>
</tr>
<tr>
<td>Application Deadline for Graduate Programs</td>
<td>April 14</td>
<td>April 14</td>
<td>April 14</td>
<td>April 14</td>
</tr>
<tr>
<td>Graduation Application (without Deadline)</td>
<td>Mar. 3 - Apr. 21</td>
<td>Mar. 3 - Apr. 21</td>
<td>Mar. 3 - Apr. 21</td>
<td>Mar. 3 - Apr. 21</td>
</tr>
<tr>
<td>Housing Payment Due</td>
<td>April 25</td>
<td>June 13</td>
<td>April 25</td>
<td>N/A</td>
</tr>
<tr>
<td>Registration for State Employees, UCF Employees, UCFAA Employees, Non-Degree, Transients, and Audits (begins 3:00 p.m.)</td>
<td>May 9</td>
<td>June 20</td>
<td>May 9</td>
<td>May 9</td>
</tr>
<tr>
<td>Registration for Senior Citizen Audits (begins 3:30 p.m.)</td>
<td>May 9</td>
<td>June 20</td>
<td>May 9</td>
<td>May 9</td>
</tr>
<tr>
<td>On-campus Housing opens</td>
<td>May 10</td>
<td>June 20</td>
<td>May 10</td>
<td>N/A</td>
</tr>
<tr>
<td>Classes begin</td>
<td>May 12</td>
<td>June 23</td>
<td>May 12</td>
<td>May 12</td>
</tr>
<tr>
<td>Late Registration on ucf (ends at 11:59 p.m. on last day)</td>
<td>May 12-16</td>
<td>June 23-27</td>
<td>May 12-16</td>
<td>May 12-16</td>
</tr>
<tr>
<td>Last Day to Drop for Full Refund</td>
<td>May 15</td>
<td>June 26</td>
<td>May 15</td>
<td>May 15</td>
</tr>
<tr>
<td>Drop/Swap Deadline on myUCF (ends at 11:59 p.m.)</td>
<td>May 15</td>
<td>June 26</td>
<td>May 15</td>
<td>May 15</td>
</tr>
<tr>
<td>Add Deadline on myUCF (ends at 11:59 p.m.)</td>
<td>May 16</td>
<td>June 27</td>
<td>May 16</td>
<td>May 16</td>
</tr>
<tr>
<td>Grade Forgiveness Deadline on myUCF (ends at 11:59 p.m.)</td>
<td>June 5</td>
<td>July 17</td>
<td>June 30</td>
<td>June 17</td>
</tr>
<tr>
<td>Withdrawal Deadline (ends at 11:59 p.m.)</td>
<td>June 5</td>
<td>July 17</td>
<td>June 30</td>
<td>June 17</td>
</tr>
<tr>
<td>Last Day to Reinstat Drop for Nonpayment Classes (ends at 4:00 p.m.)</td>
<td>June 13</td>
<td>July 25</td>
<td>June 13</td>
<td>June 13</td>
</tr>
<tr>
<td>VA Deferral Payment Deadline</td>
<td>July 25</td>
<td>July 25</td>
<td>July 25</td>
<td>July 25</td>
</tr>
<tr>
<td>Classes End; Last Day to Remove Incomplete</td>
<td>June 20</td>
<td>August 1</td>
<td>August 1</td>
<td>July 11</td>
</tr>
<tr>
<td>Final Examination Period</td>
<td>Given during the last class meeting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On-campus Housing closes</td>
<td>June 20</td>
<td>August 1</td>
<td>August 1</td>
<td>N/A</td>
</tr>
<tr>
<td>Grades Due in myUCF (noon)</td>
<td>June 25</td>
<td>August 6</td>
<td>August 6</td>
<td>July 16</td>
</tr>
<tr>
<td>Grades Available on myUCF (begins 9:00 a.m.)</td>
<td>June 26</td>
<td>August 8</td>
<td>August 8</td>
<td>July 17</td>
</tr>
<tr>
<td>Commencement</td>
<td>August 2</td>
<td>August 2</td>
<td>August 2</td>
<td>August 2</td>
</tr>
</tbody>
</table>

**NOTE:** Dates are subject to change. Consult the online Academic Calendar ([http://calendar.ucf.edu/](http://calendar.ucf.edu/)) for information.

All new undergraduate degree-seeking students are required to attend Orientation prior to registration. Information on Orientation is mailed to all students upon acceptance to the University.

If possible, examinations should not be scheduled on days or during times of religious holidays. Students are expected to notify their instructor in advance if they intend to observe a holy day of their religious faith. For additional information, contact the Office of Diversity Initiatives at 407-823-6479.

1 $100 Late Registration Fee applies to students who enroll following the close of Registration or who enroll for the first time that term during Late Registration.

2 $100 Late Payment Fee applies to students who do not pay their fees or do not pay their fees by the due date.

3 Incomplete grades must be removed within one year of the last day of the term or prior to graduation from the University, whichever comes first, else they will change to “F”.

### University Holidays and Special Events

- **Memorial Day Holiday** ................................................................. May 26, 2014
- **Independence Day Holiday** ....................................................... July 4, 2014
# 2014 - 2015 FALL/SPRING ACADEMIC CALENDAR

<table>
<thead>
<tr>
<th>Event</th>
<th>Fall 2014</th>
<th>Spring 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Deadline for Undergraduate International students</td>
<td>March 1</td>
<td>September 2, 2014</td>
</tr>
<tr>
<td>Application Deadline for New Undergraduate Freshmen Applicants</td>
<td>May 1</td>
<td>November 1, 2014</td>
</tr>
<tr>
<td>Application Deadline for New Undergraduate Transfers</td>
<td>July 1</td>
<td>November 1, 2014</td>
</tr>
<tr>
<td>Application Deadline for Readmission</td>
<td>July 1</td>
<td>November 1, 2014</td>
</tr>
<tr>
<td>Application Deadline for Graduate Programs Without Deadline</td>
<td>July 15</td>
<td>December 1, 2014</td>
</tr>
<tr>
<td>Graduation Application (Online Intent to Graduate Form on myUCF)</td>
<td>June 23 - August 1</td>
<td>Oct. 13 - Dec. 5, 2014</td>
</tr>
<tr>
<td>Registration$^1,2,4$ on myUCF</td>
<td>March 17 - August 17</td>
<td>Mar. 17, 2014 - Jan. 4 and Oct. 20, 2014 - Jan. 4</td>
</tr>
<tr>
<td>Housing Payment Due</td>
<td>August 1</td>
<td>December 5, 2014</td>
</tr>
<tr>
<td>Registration time for State Employees, UCF Employees, Non-Degree, Transients and Audits (begins 3:00 p.m.)</td>
<td>August 15</td>
<td>January 2</td>
</tr>
<tr>
<td>Registration for Senior Citizen Audits (begins 3:30 p.m.)</td>
<td>August 15</td>
<td>January 2</td>
</tr>
<tr>
<td>On-campus Housing opens</td>
<td>August 15</td>
<td>January 9</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>August 18</td>
<td>January 12</td>
</tr>
<tr>
<td>Late Registration$^1,2$ on myUCF (ends at 11:59 p.m. on last day)</td>
<td>August 18-22</td>
<td>January 12-16</td>
</tr>
<tr>
<td>Drop/Swap Deadline on myUCF (ends at 11:59 p.m.)</td>
<td>August 21</td>
<td>January 15</td>
</tr>
<tr>
<td>Last Day to Drop for Full Refund</td>
<td>August 21</td>
<td>January 15</td>
</tr>
<tr>
<td>Add Deadline on myUCF (ends at 11:59 p.m.)</td>
<td>August 22</td>
<td>January 16</td>
</tr>
<tr>
<td>Payment Deadline$^2$</td>
<td>August 29</td>
<td>January 23</td>
</tr>
<tr>
<td>Academic Advising Weeks</td>
<td>October 6-17</td>
<td>October 6-17, 2014</td>
</tr>
<tr>
<td>Grade Forgiveness Deadline on myUCF (ends at 11:59 p.m.)</td>
<td>October 27</td>
<td>March 24</td>
</tr>
<tr>
<td>Withdrawal Deadline (ends at 11:59 p.m.)</td>
<td>October 27</td>
<td>March 24</td>
</tr>
<tr>
<td>Last Day to Reinstate Drop for Nonpayment Classes (ends at 4:00 p.m.)</td>
<td>October 27</td>
<td>March 30</td>
</tr>
<tr>
<td>VA Deferral Payment Deadline$^2$</td>
<td>November 28</td>
<td>April 10</td>
</tr>
<tr>
<td>Classes End; Last Day to Remove Incomplete$^3$</td>
<td>December 1</td>
<td>April 27</td>
</tr>
<tr>
<td>Study Day</td>
<td>December 2</td>
<td>April 28</td>
</tr>
<tr>
<td>Final Examination Period</td>
<td>December 3-9</td>
<td>April 29 - May 5</td>
</tr>
<tr>
<td>On-campus Housing closes (noon)</td>
<td>December 10</td>
<td>May 6</td>
</tr>
<tr>
<td>Degree Conferral Date</td>
<td>December 12</td>
<td>May 7</td>
</tr>
<tr>
<td>Grades Due in myUCF (noon)</td>
<td>December 12</td>
<td>May 8</td>
</tr>
<tr>
<td>Commencement</td>
<td>December 12-13</td>
<td>May 7-9</td>
</tr>
<tr>
<td>Grades Available on myUCF (begins 9:00 a.m.)</td>
<td>December 16</td>
<td>May 11</td>
</tr>
</tbody>
</table>

**NOTE:** Dates are subject to change. Consult the online Academic Calendar ([http://calendar.ucf.edu](http://calendar.ucf.edu)) for information.

All new undergraduate degree-seeking students are required to attend Orientation prior to registration. Information on Orientation is mailed to all students upon acceptance to the University.

If possible, examinations should not be scheduled on days or during times of religious holidays. Students are expected to notify their instructor in advance if they intend to observe a holy day of their religious faith. For additional information, contact the Office of Diversity Initiatives at 407-823-6479.

---

### University Holidays and Special Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor Day Holiday</td>
<td>September 1, 2014</td>
</tr>
<tr>
<td>Homecoming Week (classes still held)</td>
<td>October 20-25, 2014</td>
</tr>
<tr>
<td>Homecoming Game - vs. Temple</td>
<td>October 25, 2014</td>
</tr>
<tr>
<td>Veterans Day Holiday (observed)</td>
<td>November 11, 2014</td>
</tr>
<tr>
<td>Thanksgiving Holidays</td>
<td>November 27-29, 2014</td>
</tr>
<tr>
<td>Martin Luther King Jr. Holiday</td>
<td>January 19, 2015</td>
</tr>
<tr>
<td>Spring Break (campus offices still open)</td>
<td>March 9-14, 2015</td>
</tr>
<tr>
<td>Founder’s Day Honors Convocation (classes still held)</td>
<td>April 1, 2015</td>
</tr>
</tbody>
</table>
Undergraduate Academic Policy Statement

The University of Central Florida may change any of the announcements, information, policies, rules, regulations, or procedures set forth in the Undergraduate Advising Guide and the Undergraduate Catalog. The Undergraduate Catalog is published online once a year and cannot always reflect new and modified regulations. Students in the Undergraduate Advising Guide and the Undergraduate Catalog may not be regarded in the nature of binding obligations on the institution or the State of Florida. While every effort will be made to accommodate the curricular needs of students, limited resources may prevent the University from offering all required courses in each semester or in day and evening sections.

Students will be held accountable for the requirements, policies, and procedures described in the Undergraduate Advising Guide and the Undergraduate Catalog. Additional information or clarification of any policy or procedure may be obtained from the specified office.

Non-Discrimination Policy
(including sexual harassment)

The University of Central Florida values diversity in the campus community. Accordingly, discrimination based on race, color, religion, sex, national origin, age, disability, marital status, sexual orientation, gender identity, gender expression, or veteran status is prohibited.

Sexual harassment, a form of sex discrimination, is defined as unwelcome sexual advances, requests for sexual favors, or verbal or physical conduct of a sexual nature when:

1. Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or enrollment;
2. Submission to or rejection of such conduct by an individual is used as the basis for employment or enrollment decisions affecting such individual; or
3. Such conduct has the purpose or effect of substantially interfering with an individual's work performance or enrollment, or creating an intimidating, hostile, or offensive working or academic environment.

Sexual harassment is strictly prohibited. Occurrences will be dealt with in accordance with the guidelines above and University regulations. Employees, students, visitors, or applicants for employment or admission may obtain further information on this policy, including grievance procedures, from the Equity Coordinator. The Director of the Office of Equal Opportunity and Affirmative Action Programs is the campus Equity Coordinator responsible for concerns in all areas of discrimination. The office is located on the Orlando campus, in Millican Hall 330, Orlando, FL 32816-0030. The phone number is 407-UCF-1EEO. Policies and guidelines are available online at http://www.eqo.ucf.edu/.

Drug-Free Workplace/Drug-Free Schools Policy Statement

Standards of conduct and disciplinary sanctions will be imposed for the unlawful possession, misuse or distribution of illicit drugs and alcohol by UCF students and employees on UCF property or as part of any of its activities. The unlawful manufacture, distribution, dispensation, possession or misuse of a controlled substance, prescription medication or the unlawful possession and use of alcohol is harmful and prohibited in and on UCF owned and controlled property or as part of any of its activities. Any UCF employee or student determined to have violated this policy shall be subject to disciplinary action for misconduct, which may include termination/expulsion and referral for prosecution. No employee/student is to report to work/class or attend any University activity while under the influence of illegal drugs or alcohol. Violation of these policies by an employee/student will be reason for evaluation/ treatment for drug/alcohol disorder and disciplinary action up to and including termination/expulsion and/or referral for prosecution consistent with local, state and federal law.

Campus Alcoholic Beverages Policy

The sale, service, possession and consumption of alcoholic beverages shall comply with state and federal laws, city and county ordinances, and the licensing agreement with on-campus distributors which allows for the sale and service of alcoholic beverages. In addition the University has established the following policies governing the sale, service, possession and consumption of alcoholic beverages on campus. Refer to University of Central Florida Policy “Alcoholic Beverages on Campus” 3-115.1. for further information.

Guidelines

The sale and service of alcoholic beverages to persons younger than 21 years of age is prohibited. Possession or consumption of alcoholic beverages is prohibited by persons younger than 21 years of age.
the earned grade on transcripts, designating that academic dishonesty occurred. Information regarding the Z designation, its application or removal from a transcript can be found in The Golden Rule Student Handbook.

Student Use of Technology
The University of Central Florida expects all students to have ready access to a personal computer and software appropriate to his or her field of study. Students can meet this expectation by purchasing or leasing a computer, sharing a computer with family or roommates, or using a UCF computer lab.

All UCF students should expect to use a personal computer in many University activities, including coursework, accessing library information, registering for classes, emailing correspondence to instructors or fellow students, or taking online classes. In addition, many UCF courses require the use of the Internet.

The University of Central Florida has developed one of the nation’s most advanced academic technology environments, and all UCF students are provided free Knights Email accounts and Internet access.

Students wishing to acquire a personal computer are strongly advised to consider a laptop. Recommended configurations can be found at http://www.cstore.ucf.edu/page.cfm/recommendations.html.

Undeclared Policy
All students at the University of Central Florida are officially declared a major prior to earning 45 college credit hours (this includes credits earned from CLEP, Dual Enrollment, AP, and IB). An administrative hold to prevent future university registration will be placed on the records of all students that have not declared a major. Students must meet with an academic advisor (within Student Development and Enrollment Services, the Colleges, or Regional Campuses) to have the hold released.

Student Responsibility for University Communication
UCF uses email as the official means of notifying students of important information concerning registration, deadlines, financial assistance, scholarships, student accounts (including tuition and fees), academic progress and problems, and many other critical items. The University sends all business-related and academic messages to a student’s Knights Email address to ensure that there is one repository for that information. Every student must register for, and maintain, a Knights Email account at http://www.knightsemail.ucf.edu and check it regularly to avoid missing important information from the university. Any difficulty with establishing an account or with accessing an established account can be resolved through the UCF Computer Services Service Desk (servicedesk@ucf.edu or 407-823-5117).

Additionally, each student must have an up-to-date emergency email address and cell phone number by which they can be reached in case of an emergency on campus. This emergency contact information will be used only for emergency communication purposes. Also, both permanent and local mailing addresses must be on record, so that any physical documents that must be mailed can be delivered.

It is critical that students maintain and regularly check their Knights Email account for official announcements and notifications. Communications sent to the Knights Email address on record will be deemed adequate notice for all university communications, including issues related to academics, finances, registration, parking, and other matters. The University does not accept responsibility if official communication fails to reach a student who has not registered for, or maintained and checked their Knights Email account on a regular basis. Please ensure that this information is current and that any changes in contact information are made online through the myUCF portal at https://my.ucf.edu/.

Complaint Policy
The University of Central Florida supports the right of students to file grievances, lodge complaints, and make appeals in a safe environment free of fear, retaliation, or other adverse consequence. The University has a number of offices and committees that are responsible for implementing the institution’s established procedures for addressing written academic and non-academic student complaints.

In most cases, the recommended strategy for complaints of any nature is to ask the concerned individual to first contact the person or office most directly connected to the issue, unless there are compelling reasons not to do so. If the concerned individual does not want to contact a faculty or staff member directly, he or she begins with the next highest level of authority, which typically is the department chair or director. If the problem or complaint is unresolved or the individual is not satisfied with the resolution, he or she may file a written grievance or appeal in most cases. Specific procedures included are in specific sections of the Catalog and The Golden Rule.

Accreditation
The University of Central Florida, a member institution of the State University System, formerly was named Florida Technological University. The name was changed by action of the Florida Legislature on December 6, 1978.

The University of Central Florida is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award degrees at the associate, baccalaureate, master’s, specialist, and doctoral levels. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of Central Florida.

Please note the commission’s expectation that contact occur only if there is evidence to support significant non-compliance with a requirement or standard. For other information about UCF’s SACSCOC accreditation, please contact the university’s SACSCOC liaison in UCF’s Office of Academic Affairs.

College/Discipline      Accrediting Body

Arts and Humanities      National Association of Schools of Music (NASM), 12250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248
Music, Music Education

Business Administration (all disciplines)  The Association to Advance Collegiate Schools of Business (AACSB International), 777 South Harbour Island Blvd., Suite 750. Tampa, FL 33602-5730

Education and Human Performance (all programs leading to initial teacher certification)  State Approval by the Florida Department of Education; Accreditation by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Ave., NW, Suite 500, Washington, DC 20036

Engineering and Computer Science  Accredited by the Engineering Accreditation Commission of ABET, 415 North Charles Street, Baltimore, MD 21201, Telephone: (410) 347-7700
Aerospace, Civil, Computer, Construction, Electrical, Environmental, Industrial, Mechanical

Computer Science  Accredited by the Computing Accreditation Commission of ABET, 415 North Charles, Street, Baltimore, MD 21201, Telephone: (410) 347-7700

Health and Public Affairs  Commission on Accreditation of Athletic Training Education (CAATE), 6836 Austin Center Boulevard, Suite 250, Austin, TX 78731-3193
Athletic Training

Health Informatics and Information Management  Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), 233 N. Michigan Avenue, 21st Floor, Chicago, IL 60601-5800
Health Informatics and Information Management

Health Services Administration  Association of University Programs in Health Administration (AUPHA), 2000 14th Street North, Suite 780, Arlington, VA 22201
Health Services Administration

Social Work  Council on Social Work Education (CSWE), 1701 Duke Street, Suite 200, Alexandria, VA 22314-3457
Social Work

College of Medicine - Burnett School of Biomedical Sciences  National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018-5119
Medical Laboratory Sciences

Nursing  Florida Board of Nursing, Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW Suite 530, Washington, DC 20036
Nursing
University Notices

Sciences
Chemistry

American Chemical Society (ACS)
Committee on Professional Training,
1155 Sixteenth Street, NW,
Washington, DC 20036

UCF is listed in Transfer Credit Practices on Designated Educational Institutions with the highest level of credit acceptability. This handbook is published by the American Association of Collegiate Registrars and Admission Officers and lists the acceptability of transfer credits based upon the reporting institutions in the states, commonwealths, territories, and selected international institutions.
The University of Central Florida offers an opportunity to complete a number of programs through UCF Regional Campuses. Strategically located within an 80-mile radius of the UCF Orlando campus, the multiple non-residential locations partner with six Florida state colleges, fostering seamless and convenient advancement from completion of an A.A. or A.S. degree to upper-level division work on a baccalaureate degree. Programs include 26 bachelor’s programs, 25 minors, 8 master’s degrees, and 6 graduate certificates with each of the UCF Colleges represented within the system. With close proximity to Orlando, resources are available at UCF and the UCF Regional Campuses, such as admissions, registration, financial aid, advising, student clubs and organizations, disability services, veteran’s affairs, “smart classrooms,” libraries, computer labs, and more.

UCF Regional Campuses provide a wide variety of instruction modes and schedules, including web class availability. Admissions, Registration, Financial Assistance, Advising and Student Services professionals are located at the following campuses: UCF Cocoa Village, UCF Sanford/Lake Mary, UCF South Lake and Leesburg, UCF Valencia West and Osceola, and UCF Ocala. Times and dates for all courses are listed online prior to registration each term and all registration periods correspond to the overall UCF schedule.

The Central Florida Higher Education Consortium, known as DirectConnect to UCF, is a unique partnership between UCF and Eastern Florida State College, Lake-Sumter State College, Seminole State College and Valencia College. This agreement provides entry for AA and AS graduates to UCF as an enhancement to the FL state-mandated 2 + 2 agreement. Students entering UCF as a DirectConnect to UCF student are admitted according to the UCF policies when AA or AS degrees are awarded.

All locations provide students with an opportunity to enroll in selected courses (junior and senior level) contributing to undergraduate and graduate degree programs in a variety of disciplines. At UCF Regional Campuses, students may register full-time or part-time for courses at any of the locations without additional paperwork. For the most current information on any of the multiple UCF Regional Campus locations, programs or class schedules, check the website at http://www.regionalcampuses.ucf.edu.
Administration

UCF Regional Campuses (RC) Administration
12201 Research Parkway, Suite 101
Orlando, 32826; 407-823-4547

Vice Provost, Regional Campuses and
Director, Continuing Education..........................J. Jeffrey Jones
Senior Administrative Assistant..........................Kathi Harris
Associate Vice President, Academic Initiatives.............Stephen Holmes
Director, Special Programs ....................................Jennifer Summer
Associate Director, Academic Initiatives .........................Waheeda Illasarie
Associate Director, Academic Initiatives .........................Mary Lynn Bresette
Assistant Director, Continuing Education ....................Katie Reyes
Facilities Scheduler ...........................................Denise Devlin
Coordinator, Statistical Research ................................Jeanne Walker
Associate Vice President, Regional Campus Transfer
Admission & Enrollment/Marketing.............................Angé Peterson
Director, RC Enrollment Services .............................Deborah Bradford
Marketing Account Executive ..................................Michelle Fuentes
Web Designer ...................................................Tony Recascino
Assistant Web Support ...........................................Calston Llewellyn
Senior Art Specialist ..............................................Mary Lou Wade
Director, Library Services .......................................Cynthia Kirby
Assistant Vice Provost, Regional
Campuses Student Services & Advising ..............................Pam Cavanaugh
Associate Vice President, Business Affairs
and Operations ..................................................David Laney
Administrative Assistant .......................................Jeanette Holder
Director, Budget & Finance .....................................Joe Schofield
IT Supervisor ......................................................Aaron Misiano
College/Division IT Project & Testing Manager ..............Calston Llewellyn

Campuses

UCF Valencia West, UCF Valencia Osceola
Assistant Vice Provost .................................................TBA
Regional Director, West ..............................................Edgar Martinez
Assistant Director, Osceola .................................James Smith, Jr.
Assistant Director, Enrollment Services, West .................Kathy Voudry
Coordinator, Enrollment Services, West .......................Shellie Thomas-Small
Coordinator, Enrollment Services, Osceola .....................Jessica Matos
Associate Director, Student Services, West .................Carol Black
Assistant Director, Advising Services, West ..................Deborah Lisa Cruz
Coordinator, Academic Advisor, Osceola .................Melissa Hanbery
Coordinator, Academic Advisor, Osceola ......................Salmea Mohamed
Coordinator, DirectConnect Advisor, West ..................Lourdes Acevedo
Coordinator, DirectConnect Advisor, Osceola ...............Kim Martinez
Department IT Manager ............................................Jacqueline Diaz
Administrative Assistant ........................................Angé Peterson

UCF Daytona
Assistant Vice President .............................................Linda Bradley
Regional Associate Director ..........................Darryl Greetley
Associate Director, Student Services ......................Raphael Robinson
Senior Admissions/Registrar Officer.........................Sheri Newble-Dunn
Coordinator, Academic Advisor ...............................Tina Davis
Coordinator, Academic Advisor ..........................Virginia LaRue
Coordinator, Academic Advisor ..............................Angela Edwards-Johnson
Coordinator, Administrative Services .........................Bonnie Marsh
Department IT Manager ...........................................Joe Cassella

UCF Sanford/Lake Mary, UCF Altamonte
Associate Vice President ..........................................David Mealer
Regional Director ....................................................Sean Armstrong
Assistant Director, Enrollment Services .........................Pamela Williams
Coordinator, Student Services ................................Ashley Squillante
Coordinator, DirectConnect Advisor ........................Sarah Zoll
Coordinator, Academic Advisor .........................Jackie West-Lee
Coordinator, Academic Advisor ............................Andrea Velez-Vazquez
Department IT Manager .........................................Russell Muller
Administrative Assistant .........................................Debbie Copertino

UCF Cocoa, UCF Palm Bay
Associate Vice President ..........................................Denise Young
Regional Director ......................................................Lauren Miller
Associate Director, Student Services ....................Angelia Jones
Assistant Director, Palm Bay ......................................Sonya Curtis
Assistant Director, Enrollment Services .......................Nick PantoIoni
Coordinator, DirectConnect Advisor ........................Kim Poppert
Coordinator, Academic Advisor ............................Angel Edgecombe
Coordinator, Academic Advisor ............................Patricia Terrill
Coordinator, Academic Advisor, Palm Bay ...................John King
Coordinator, Academic Advisor, Palm Bay ...................Patricia Terrill

Coordinator, Academic Advisor ............................Sheryl Schagen
Coordinator, Enrollment Services ................................Jessica Houts
Department IT Manager ...............................................Sue Sorenson
Administrative Assistant .............................................Darlene Kraft

UCF South Lake, UCF Ocala, UCF Leesburg
Assistant Vice President .............................................Cecelia Rivers
Regional Director ......................................................Tanya Armstrong
Director, Student Services ........................................Pamela Brady
Assistant Director, Enrollment Services .......................Christy Pasinsin
Coordinator, Enrollment Services ................................Thomas Silarek
Coordinator, DirectConnect Advisor ........................Colleen Scott
Coordinator, Academic Advisor ..................................Robin Tinsley
Coordinator, Academic Advisor ................................Bethany Larson
Coordinator, Academic Support Services, Ocala ..........Crystal Flynn
Department IT Manager ...............................................Mei Wong
Administrative Assistant .............................................Lita Reyes

UCF Cocoa
321-433-7821
(In partnership with Eastern Florida State College)

Undergraduate Degree Programs

Applied Science (B.A.S.) Office of Undergraduate Studies
Tracks: Criminal Justice, Health Services Administration, Information Technology, Legal Studies, Software Development and Supervision and Administration

Business Administration (B.A.) College of Business Administration
Communication and Conflict (B.S.) College of Sciences
Communication Sciences and Disorders (B.A., B.S.) College of Health and Public Affairs
Criminal Justice (B.A., B.S.) College of Health and Public Affairs
Elementary Education (B.S.) College of Education and Human Performance
Health Services Administration (B.S.) College of Health and Public Affairs
History (B.A.) College of Arts and Humanities
Human Communication (B.A.) College of Sciences
Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies
Latin American Studies (B.A.) College of Arts and Humanities
Legal Studies (B.A., B.S.) College of Health and Public Affairs
Nursing (B.S.N., R.N. to B.S.N.) College of Nursing
Political Science (B.A.) College of Sciences
Psychology (B.S.) College of Sciences
Religion and Cultural Studies (B.A.) College of Arts and Humanities
Society (B.A.) College of Sciences
Social Science (B.S.) College of Sciences
Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors

Aging Studies
Anthropology in Multicultural Studies
Business (For non-business majors only)
Communication Sciences and Disorders
Criminal Justice
Crime, Law and Deviance
Diversity and Social Inequality
English – Technical Communication
Exceptional Education
Health Informatics and Information Management
Health Services Administration
History
Human Communication
International and Global Studies
Journalism Studies
Legal Studies
Mass Communication
Mass Culture and Collective Behavior
Medical Sociology
Political Science
Psychology
Religious and Cultural Studies
Sociology
Technical Education and Industry Training
Women's Studies

Graduate Degree Programs

Applied Sociology (M.A.) College of Sciences
Criminal Justice (M.S.) College of Health and Public Affairs
Undergraduate Degree Programs
Appeared Science (B.A.S.) Office of Undergraduate Studies
Tracks: Criminal Justice, Health Services Administration, Information Technology, Legal Studies, Software Development, and Supervision and Administration
Business Administration (B.A.) College of Business Administration
Communication and Conflict (B.S.) College of Sciences
Criminal Justice (B.A., B.S.) College of Health and Public Affairs
Elementary Education (B.S.) College of Education and Human Performance
Health Services Administration (B.S.) College of Health and Public Affairs
History (B.A.) College of Arts and Humanities
Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies
Latin American Studies (B.A.) College of Arts and Humanities
Nursing (B.S.N., R.N. to B.S.N.) College of Nursing
Photography (B.S.) College of Arts and Humanities
Political Science (B.A.) College of Sciences
Psychology (B.S.) College of Sciences
Religion and Cultural Studies (B.A.) College of Arts and Humanities
Social Sciences (B.S.) College of Sciences
Sociology (B.A.) College of Sciences
Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors
Aging Studies
Anthropology in Multicultural Studies
Business (For non-business majors only)
Criminal Justice
Crime, Law and Deviance
Diversity of Social Inequality
English – Creative Writing
English – Technical Communication
Exceptional Education
Health Informatics and Information Management
History
Human Communication
International and Global Studies
Journalism Studies
Legal Studies
Mass Communication
Mass Culture and Collective Behavior
Medical Sociology
Political Science
Psychology
Religious and Cultural Studies
Sociology
Technical Education and Industry Training
Women’s Studies

Graduate Degree Programs
Criminal Justice (M.S.) College of Health and Public Affairs

UCF Ocala
352-564-2322, ext. 1824
(In partnership with Central Florida State College)

Undergraduate Degree Programs
Applied Science (B.A.S.) Office of Undergraduate Studies
Tracks: Criminal Justice, Health Services Administration, Information Technology, Software Development and Supervision and Administration
Business Administration (B.A.) College of Business Administration
Communication and Conflict (B.S.) College of Sciences
Criminal Justice (B.A., B.S.) College of Health and Public Affairs
Elementary Education (B.S.) College of Education and Human Performance
Health Services Administration (B.S.) College of Health and Public Affairs
History (B.A.) College of Arts and Humanities
Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies
Latin American Studies (B.A.) College of Arts and Humanities
Nursing (R.N. to B.S.N. and Concurrent) College of Nursing
Political Science (B.A.) College of Sciences
Psychology (B.S.) College of Sciences
Religion and Cultural Studies (B.A.) College of Arts and Humanities
Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors
Aging Studies
Anthropology in Multicultural Studies
Business (For non-business majors only)
Criminal Justice
Crime, Law and Deviance
Diversity of Social Inequality
English – Creative Writing
English – Technical Communication
Health Informatics and Information Management
History
International and Global Studies
Journalism Studies
Legal Studies
Mass Communication
Mass Culture and Collective Behavior
Medical Sociology
Political Science
Psychology
Religious and Cultural Studies
Sociology
Technical Education and Industry Training
Women’s Studies

UCF Leesburg
352-536-2113
(In partnership with Lake-Sumter State College)

Undergraduate Degree Programs
Applied Science (B.A.S.) Office of Undergraduate Studies
Tracks: Criminal Justice, Health Services Administration, Information Technology, Legal Studies, Software Development, and Supervision and Administration
Business Administration (B.A.) College of Business Administration
Communication and Conflict (B.S.) College of Sciences
Criminal Justice (B.A., B.S.) College of Health and Public Affairs
Elementary Education (B.S.) College of Education and Human Performance
Health Services Administration (B.S.) College of Health and Public Affairs
History (B.A.) College of Arts and Humanities
Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies
Latin American Studies (B.A.) College of Arts and Humanities
Nursing (R.N. to B.S.N. and Concurrent) College of Nursing
Political Science (B.A.) College of Sciences
Psychology (B.S.) College of Sciences
Religion and Cultural Studies (B.A.) College of Arts and Humanities
Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors
Aging Studies
Anthropology in Multicultural Studies
Business (For non-business majors only)
Criminal Justice
Diversity of Social Inequality
English – Creative Writing
English – Technical Communication
Health Informatics and Information Management
History
International and Global Studies
Journalism Studies
Legal Studies
Mass Communication
Mass Culture and Collective Behavior
Medical Sociology
Political Science
Psychology
Religious and Cultural Studies
Sociology
Technical Education and Industry Training
Women’s Studies
UCF Palm Bay
321-433-7838
(In partnership with Eastern Florida State College)

Undergraduate Degree Programs
Applied Science (B.A.S.) Office of Undergraduate Studies
  Tracks: Criminal Justice, Health Services Administration, Information Technology, Software Development, and Supervision and Administration
Business Administration (B.A.) College of Business Administration
  Communication and Conflict (B.S.) College of Sciences
Criminal Justice (B.A., B.S.) College of Health and Public Affairs
Health Services Administration (B.S.) College of Health and Public Affairs

History (B.A.) College of Arts and Humanities
Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies
Human Communications (B.A.) College of Sciences
Latin American Studies (B.A.) College of Arts and Humanities
Nursing (R.N. to B.S.N.) College of Nursing
Political Science (B.A.) College of Sciences
Psychology (B.S.) College of Sciences
Religion and Cultural Studies (B.A.) College of Arts and Humanities
Social Sciences (B.S.) College of Sciences
Technical Education and Industry Training (B.S) College of Education and Human Performance

Undergraduate Minors
Aging Studies
Anthropology in Multicultural Studies
Business (For non-business majors only)
Crime, Law and Deviance
Criminal Justice
Diversity of Social Inequality
English – Creative Writing
English – Technical Communication
Health Informatics and Information Management
Health Services Administration
History
Human Communication
International and Global Studies
Journalism Studies
Legal Studies
Mass Communication
Mass Culture and Collective Behavior
Medical Sociology
Political Science
Psychology
Religious and Cultural Studies
Sociology
Technical Education and Industry Training
Women's Studies

Graduate Degree Programs
Clinical Psychology (M.A.) College of Sciences
Criminal Justice (M.S.) College of Health and Public Affairs

UCF South Lake
352-536-2113
(In partnership with Lake-Sumter State College)

Undergraduate Degree Programs
Applied Science (B.A.S.) Office of Undergraduate Studies
  Tracks: Criminal Justice, Health Services Administration, Information Technology, Software Development, and Supervision and Administration
Business Administration (B.A.) College of Business Administration
  Communication and Conflict (B.S.) College of Sciences
Criminal Justice (B.A., B.S.) College of Health and Public Affairs
Elementary Education (B.S.) College of Education and Human Performance
Health Services Administration (B.S.) College of Health and Public Affairs

History (B.A.) College of Arts and Humanities
Interdisciplinary Studies (B.A.) Office of Undergraduate Studies
Latin American Studies (B.A.) College of Arts and Humanities
Nursing (R.N. to B.S.N.) College of Nursing
Political Science (B.A.) College of Sciences
Psychology (B.S.) College of Sciences
Religion and Cultural Studies (B.A.) College of Arts and Humanities
Social Sciences (B.S.) College of Sciences
Sports and Exercise Science (B.S.) College of Education and Human Performance
Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors
Aging Studies
Anthropology in Multicultural Studies
Coaching
Crime, Law and Deviance
Criminal Justice
Diversity of Social Inequality
English – Creative Writing
English – Technical Communication
Fitness Training
Health Informatics and Information Management
Health Services Administration
History
International and Global Studies
Journalism Studies
Legal Studies
Mass Communication
Mass Culture and Collective Behavior
Medical Sociology
Political Science
Psychology
Religious and Cultural Studies
Sociology
Technical Education and Industry Training
Women's Studies
University of Central Florida/Campuses

Undergraduate Degree Programs

Graduate Degree Programs

Criminal Justice (M.S.) College of Health and Public Affairs

UCF Valencia Osceola

321-682-4190
(In partnership with Valencia College)

Undergraduate Degree Programs

Applied Science (B.A.S.) Office of Undergraduate Studies

Tracks: Criminal Justice, Health Services Administration, Information Technology, Software Development, and Supervision and Administration

Biomedical Sciences (B.S.) College of Medicine

Business Administration (B.A.) College of Business Administration

Communication and Conflict (B.S.) College of Sciences

Criminal Justice (B.A., B.S.) College of Health and Public Affairs

Elementary Education (B.S.) College of Education and Human Performance

Health Services Administration (B.S.) College of Health and Public Affairs

History (B.A.) College of Arts and Humanities

Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies

Latin American Studies (B.A.) College of Arts and Humanities

Legal Studies (B.A., B.S.) College of Health and Public Affairs

Nursing (R.N. to B.S.N.) College of Nursing

Political Science (B.A.) College of Sciences

Psychology (B.S.) College of Sciences

Public Administration (B.A.) College of Health and Public Affairs

Religion and Cultural Studies (B.A.) College of Arts and Humanities

Social Sciences (B.S.) College of Sciences

Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors

Aging Studies

Anthropology in Multicultural Studies

Business (for non-business minors)

Crime, Law and Deviance

Criminal Justice

Diversity of Social Inequality

English – Creative Writing

English – Technical Communication

Health Informatics and Information Management

Human Communication

Journalism Studies

Legal Studies

Mass Communication

Mass Culture and Collective Behavior

Medical Sociology

Political Science

Psychology

Religious and Cultural Studies

Sociology

Technical Education and Industry Training

Women’s Studies

Graduate Degree Programs

Criminal Justice (M.S.) College of Health and Public Affairs

UCF Valencia West

407-582-5500
(In partnership with Valencia College)

Undergraduate Degree Programs

Applied Science (B.A.S.) Office of Undergraduate Studies

Tracks: Criminal Justice, Health Services Administration, Information Technology, Software Development, and Supervision and Administration

Architecture (B.D.) College of Arts and Humanities

Business Administration (B.A.) College of Business Administration

Communication and Conflict (B.S.) College of Sciences

Criminal Justice (B.A., B.S.) College of Health and Public Affairs

Electrical Engineering (3rd year) (B.S.E.E.) College of Engineering and Computer Science

Elementary Education (B.S.) College of Education and Human Performance

Health Services Administration (B.S.) College of Health and Public Affairs

History (B.A.) College of Arts and Humanities

Interdisciplinary Studies (B.A., B.S.) Office of Undergraduate Studies

Latin American Studies (B.A.) College of Arts and Humanities

Legal Studies (B.A., B.S.) College of Health and Public Affairs

Nursing (R.N. to B.S.N. and Concurrent) College of Nursing

Political Science (B.A.) College of Sciences

Psychology (B.A.) College of Sciences

Religion and Cultural Studies (B.A.) College of Arts and Humanities

Sociology (B.A.) College of Sciences

Social Sciences (B.S.) College of Sciences

Technical Education and Industry Training (B.S.) College of Education and Human Performance

Undergraduate Minors

Aging Studies

Anthropology in Multicultural Studies

Business (for non-business majors)

Crime, Law and Deviance

Criminal Justice

Diversity of Social Inequality

English – Technical Communication

English-Creative Writing

Health Informatics and Information Management

International and Global Studies

Human Communication

Journalism Studies

Legal Studies

Mass Communication

Mass Culture and Collective Behavior

Medical Sociology

Political Science

Psychology

Religious and Cultural Studies

Sociology

Technical Education and Industry Training

Women’s Studies

Graduate Degree Programs

Criminal Justice (M.S.) College of Health and Public Affairs

General Regional Campus information:
Website: http://www.regionalcampuses.ucf.edu

Programs are offered via multiple delivery methods: web, video-streaming, and face-to-face. Delivery methods vary by location.

Bachelor of Applied Science: A degree option for transfers with an Associate of Science degree. Availability of tracks varies by location.

Central Florida Research Park

The Central Florida Research Park, adjacent to the main UCF campus, is a University-related research park established as a result of legislation passed by the Florida Legislature in 1978. The Research Park is a cooperative effort between UCF, the Orange County Research and Development Authority, and the Orange County Board of County Commissioners (which appoints the members of the Authority). The governing body of the Research Park is the Orange County Research and Development Authority.

The objectives of the Central Florida Research Park are in keeping with the legislative act that enables creation to encourage and promote the establishment of research and development activity combining the resources of institutions of higher learning, private sector enterprise involved in pure or applied research, and state or federal governmental agency research.

The ultimate goal of University-related research parks is to establish an academic/industrial community. The University and officials of the Central Florida Research Park believe that the potential for the establishment of close ties between the University and industry will create an environment conducive to the location of research-oriented industry in the Research Park. This activity will enrich and support the academic, teaching, and research programs of the University. The University, in turn, can provide the necessary expertise and human resources to enhance the research and development activities required and planned by Research Park residents.

The Central Florida Research Park consists of over 1,000 acres of land. Businesses desiring a “university relationship” can purchase or lease land in the Research Park on which to construct a facility or can lease space for office, office/lab, or light manufacturing activities.

Research Park tenants are involved with the University of Central Florida through sponsored research, using faculty as consultants, and using graduate and undergraduate students for intern programs and part-time employment. Research Park tenants can also contract with the University for use of the library, computer resources, and laboratory facilities. Cooperative projects range from technical research to developing business plans and employee training programs.
Endowed Chairs

Endowed chairs are established under the Florida Major Gifts Trust Fund, which provides $420,000 in state funds to match $600,000 in contributions from private sources within a five-year period.

Phillips-Schenck Chair in American Private Enterprise: Created in 1980 as the focal point for a continual dialog on major economic issues, complex economic systems, and economic decision-making in business. Chair: TBA.

Charles N. Millican Chair in Computer Science: Created in 1983 and dedicated to probing the frontiers of computer science, with emphasis on the direction that the discipline will take over the next decade. Chair: Nasirish Deo.

William S. and Alice M. Jenkins Chair in Community Arts: Created in 1986 to enable UCF to design and oversee programs covering art administration, art therapy, and art education within the Central Florida community. Chair: Byron Clercx.

Carl H. Galloway Chair for Excellence in Business: Created in 1986 to honor Carl Galloway, a pioneer in telecommunications. The purpose is to enhance scholarly activity in teaching and research in the College of Business Administration. Chair: TBA.

The Cobb Family Eminent Chair in Optical Sciences and Engineering: Created in 1986 to support the work of an internationally recognized scholar in laser and optical sciences. Chair: TBA.

Darden Eminent Scholar Chair in Restaurant Management: Created in 1990 to develop a program of excellence in restaurant management. This chair, the first of its kind in the country, also serves as a critical resource for the hospitality industry. Chair: TBA.

SunTrust, N.A. Eminent Chair in Banking for Teaching Excellence: Created in 1989 to attract a nationally or internationally prominent expert in banking with a strong commitment to undergraduate, graduate, and executive development. Chair: TBA.

AI and Nancy Burnett Eminent Scholar Chair in Accounting: Created in 1989 to support an exceptional faculty member in the School of Accounting. Chair: Robin W. Roberts.

Bert Fish Memorial Eminent Scholar Chair: Created in 1990, the first chair to be established at the Daytona Campus, to improve nursing education and ease the shortage of nurses. Chair: Angeline A. Bushy.


CFHLA Eminent Scholar Chair in Hotel Management: Created in 1992 to support the teaching and research of an internationally recognized scholar in hotel management. Chair: TBA.

Howard Phillips Eminent Scholar Chair in Real Estate: Created in 1989 to attract a nationally or internationally prominent scholar of banking with a strong commitment to undergraduate, graduate, and executive development. Chair: TBA.

SunTrust, N.A. Eminent Chair in Banking for Teaching Excellence: Created in 1989 to attract a nationally or internationally prominent expert in banking with a strong commitment to undergraduate, graduate, and executive development. Chair: TBA.

Lester N. Mandell Eminent Scholar Endowed Chair: Created in 2004 to attract a key faculty member of distinguished reputation who will engage in teaching, research, and scholarly activities related to Visual Arts. Chair: TBA.

Kushnetz Political Studies Endowed Chair: Created in 2007 to expand studies in Political Science and the Middle East. Chair: TBA.

Florida Photonics Center of Excellence Eminent Scholar Chair of Photonics: Created in 2003 to support the School of Optics Education in Thin Film Optics. Chair: TBA.

Howard Phillips Eminent Scholar Chair in Real Estate: Created in 2004 as a key component of the Dixon School of Accounting. Chair: TBA.

21st Century Scholar Chair: Created in 2006 to strengthen and support teaching and research in the field of lasers and medicine at the College of Optics and Photonics. Chair: Konstantin L. Vodopyanov.

Florida 21st Century Chair. Created in 2007 to strengthen and in 2011 to support a leading expert in simulation to advance simulation in nursing and healthcare disciplines. Chair: Gregory Welch.
University of Central Florida/Campuses

University Ombuds Office
Ombuds Officer: Shreya Trivedi
MH 247; 407-823-6440
http://ombuds.ucf.edu/

The Ombuds Office is an informal, impartial, independent and confidential resource for all members of the University community. It is not an office of notice of wrongdoing and cannot participate in any formal grievance or appeal process. The Office provides assistance and advice regarding concerns related to the University. These services are available to every member of the University community: students, staff, faculty, and others. Any type of concern may be brought to the attention of this office: academic, financial, housing, consumer, work-related, or personal. The University Ombuds Office, as a neutral facilitator, will listen to concerns and assist visitors by developing a range of options in an informal attempt to achieve resolution. Referral and direction to appropriate individuals and offices, and clarification of University policies and procedures are services of the office. All proceedings in individual cases will be held confidential by the Ombuds Officer unless otherwise authorized by the complainant, or otherwise required by applicable law, including without limitation, Chapter 119, Florida Statutes. The University Ombuds Office is located in Millican Hall, Suite 243, room 247. Appointments may be made by calling 407-823-6440.

Interim Vice Provost and Dean:
Elliot Vittes
MH 218; 407-823-2373
http://www.undergrad.ucf.edu/

The Office of Undergraduate Studies supports the colleges and units in their curricular planning, collaborates with faculty curricular oversight, works with faculty and administrators to assure the strength of undergraduate programs such as general education, and advocates for an undergraduate education that offers an outstanding learning experience at UCF. Interdisciplinary academic degrees such as the Bachelor of Applied Sciences, and the Bachelor of Sciences and Bachelor of Arts in Interdisciplinary Studies, are conferred from this office. Units within Undergraduate Studies include the Office of Academic Services, the Office of Experiential Learning, the Office of Undergraduate Research, the Office of Interdisciplinary Studies, the Office of Pre-Health and Pre-Law Advising, the EXCEL program, and the Academic Advancement Programs. The Dean serves as the final arbiter for all undergraduate academic appeals.

Academic Services
Interim Associate Dean and Director: Heath Martin
MH 210; 407-823-2691
http://www.academicservices.ucf.edu/

This office is responsible for administering State of Florida and University academic policies pertaining to academic record changes, curriculum file management, the degree audit program, and University-wide undergraduate academic policies and graduation requirements. The primary goals of the office are to apply these policies fairly, promptly and evenly according to established guidelines; to provide timely response to requests from students, faculty, and staff; and to maintain accurate and effective records for advisement and graduation certification.

International Services Center
Executive Director: Nataly Chandia
CMMS (Building #81); 407-823-2337
http://www.intl.ucf.edu/

The International Services Center (ISC) facilitates compliance with federal immigration regulations and provides immigration advising and assistance to the international students and scholars at the University of Central Florida. ISC supports the international population in its adjustment to a new academic and cultural environment by providing a wide range of services and programming. Services include: admissions guidance, interpreting immigration regulations, explaining employment options, issuing travel authorization signatures, and end of year tax filing guidance. Programming includes: orientation, welcome week activities, employment and tax workshops, holiday celebrations, and International Education Week events. From orientation to graduation, ISC strives to enhance the overall educational experience at UCF for its international students and scholars and to increase cultural awareness and understanding on campus. ISC also works with UCF departments to: facilitate the hiring of international faculty and staff, process H-1B employment visas, and ensure tax compliance on payments made to international vendors.

UCF Public Safety and Police
Chief of Police: Richard Beary
3610 Libra Drive, Orlando, FL 32816; Building #150; 407-823-5242
http://www.police.ucf.edu/

The UCF Police Department is a full-service law enforcement agency that prides itself on providing professional services to the university community through prevention, education and enforcement. Officers are fully sworn with all of the law enforcement powers and duties of other agencies. UCF Police officers provide services 24 hours a day, seven days a week to the university community. In 2013, the department received accreditation by the Commission for Florida Law Enforcement Accreditation, which means it meets the highest of law enforcement practices and standards.

The Communications Center (407-823-5555) provides a mechanism for persons to receive assistance in the event of an immediate threat, danger, injury, fire, or criminal occurrence by calling 9-1-1. UCF Police are part of the county-wide “Enhanced 9-1-1” system and automatically receive calls related to campus. The system ensures that the correct emergency responder - police, medical or fire - is directed to the right place in the shortest amount of time. Since telephone numbers appear on the police computer screen, callers who are for whatever reason unable to give their number or location can still receive emergency assistance. Communications Operators are on duty 24 hours a day. Blue light emergency phones are located at more than 160 locations on campus to allow persons in need of assistance to contact UCF Police, and the phones dial directly to the Communications Center to ensure a swift response if needed. Patrol officers are all assigned Mobile Data Terminals (MDT) so that they may view the details of each call as information is updated by the Communications Center.

The Patrol Division provides proactive police services to the campus community by means of foot patrols and marked vehicle patrols. Within the division, specialized units such as K-9, motorcycle, bicycle and all-terrain vehicle patrols are utilized to meet the unique needs of an expanding urban university.

The Regional Campuses Division is assigned to patrol the College of Medicine at Lake Nona and the Rosen College of Hospitality Management campuses. Officers also will visit all regional campus locations at various times. Medical school and Rosen units are supplemented by Civilian Service Officers.

The Investigations Division consists of five detectives, a forensic technician and a criminal analyst who conduct latent investigations for all criminal cases. Detectives are on-call 24 hours a day, seven days a week and respond to crime scenes as needs require.

The Community Relations Division (407-823-3224) offers crime prevention services and tips regarding the protection of personal property and safety. Two of the services that are recommended for all students, faculty and staff are online property registration and free engraving of items for easy identification. Officers speak to each student and parent orientation group and provide brochures on police programs and services at each session. A women’s self-defense class is also scheduled once monthly during each semester. For students who stay on campus late, the Safe Escort Patrol Service (SEPS) is available at 407-823-2424 and provides a safe escort to vehicles and dorms on campus.

UNIVERSITY OF CENTRAL FLORIDA
University of Central Florida/Campuses

The Special Events Division is responsible for reviewing all concerts, sporting events and other functions that may require police security. During large events, such as football games, UCF Police staff may be supplemented by other law enforcement agencies, such as the Florida Highway Patrol, the Orange County Sheriff’s Office, the Seminole County Sheriff’s Office and the Oviedo Police Department.

Victim Services (12201 Research Parkway, Ste. 450, Orlando 32826; main number: 407-823-2425, 24/7 hotline: 407-823-1200), provides intervention and prevention services for all members of the UCF community and visitors who have been impacted by crime, violence or abuse with or without a police report. Counselors are available 24 hours a day, seven days a week. Services include crisis intervention, advocacy, support, safety planning, practical assistance, options, information and referrals. Educational programming also is provided to academic and social groups on campus.

Information Technologies and Resources

Vice Provost and CIO: Joel L. Hartman  
MH 338K; 407-823-6778  
http://www.it.ucf.edu

The Division of Information Technologies and Resources has University-wide responsibility for planning, implementation, and support of information technology and related information resources. Units within the Division include the Library, Computer Services & Telecommunications, Instructional Resources, and the Center for Distributed Learning. The services and resources of each unit are described in the following sections.

University Libraries

Director of University Libraries: Barry B. Baker  
LIB 512; 407-823-2564  
http://library.ucf.edu

University Libraries offers a variety of information resources and services. An expansive collection includes 2.5 million volumes, 43,000 journal subscriptions, 3.2 million microforms and 56,000 media titles. The Libraries’ electronic resources include 366 databases and 710,000 e-books.

- The John C. Hitt Library on the main campus is open 105 hours per week. Operating hours are available at http://library.ucf.edu or by calling (407) 823-2756.
- Over 370 computer workstations are available for public use on all five floors.
- Laptop PCs can be checked out for use anywhere in the library.
- 100 iPads are available for a one week checkout.
- Wireless technology enables patrons who have portable devices to connect to the Libraries’ electronic resources and to the Internet; wireless printing is also available.
- Twenty-five study rooms and one practice presentation room are available for students, and can be reserved in advance through http://library.ucf.edu/StudyRooms/.
- The John C. Hitt Library is a partial depository for United States and Florida government publications, U.S. Patents and Trademarks.

Infusion, the Libraries’ cyber-cafe learning space, offers food and beverage items, 34 desktop PCs, comfortable seating areas, closed-captioned television, and a browsing collection for leisure reading. The Knowledge Commons area offers seating for 479 students, access to 196 desktop PCs, collaborative group study areas, and rolling white boards.

- For help and advice in the use of resources and materials, the Research and Information Desk http://library.ucf.edu/Reference/, located on the main floor, is open most library hours. Individual appointments can also be made for in-depth research consultations. These appointments provide student one-on-one time with a librarian http://library.ucf.edu/Reference/ResearchConsultations/Default.php.
- Ask A Librarian service answers questions submitted through chat, text, instant message, email or telephone at (407) 823-2562 or toll-free at (866) 271-7588 http://library.ucf.edu/ask/.

- The Libraries supports the development of information literacy skills through the provision of Information Literacy Modules, http://infolit.ucf.edu/. The modules provide just-in-time instruction for students on topics such as citing resources, evaluating websites, and plagiarism.

- Librarians have also created subject-specific research guides to help students identify resources within their discipline. Students can also access instructional videos from the libraries’ YouTube channel: http://www.youtube.com/user/UCLFLibraries.

- Citation Management Programs are also available for FREE from the UCF Libraries. Workshops are offered each semester on how to use EndNote and RefWorks http://library.ucf.edu/ScholarlyCommunication/CitationTools.php.

- Another key service for Graduate Students is Interlibrary Loan and Document Delivery. The UCF Libraries will pull books and scan articles that are owned by the library, as well as borrow materials from other libraries. For more information, call (407) 823-2383 or visit the ILL website http://library.ucf.edu/ILL.

In collaboration with the University’s Office of Student Disability Services, students may request assistance with retrieval of materials by contacting the Circulation Desk. The John C. Hitt Library has several reading aid devices, including a workstation equipped with ZoomText and JAWS software, and a Sorenson Videophone. More information is available at http://library.ucf.edu/Services/DisabilityServices.asp.

Primary source material from Special Collections and the University Archives supports the research, teaching, and service activities of the UCF community. These special materials include books, manuscripts, historic public records, ephemera, photographs, art, and more http://library.ucf.edu/SpecialCollections.

UCF Libraries partners with other libraries and local institutions through Central Florida Memory, Florida Heritage, Digital Library of the Caribbean, and similar web-based projects to provide digital access to special and historic images and documents http://library.ucf.edu/Systems/DigitalInitiatives/DigitalCollections/.

Branch Libraries

The Curriculum Materials Center (CMC) is located in the College of Education Building. The CMC provides representative PK-12 curriculum materials for preview, review, analysis and circulation, as well as 26 desktop PCs. Although the CMC primarily serves education students and faculty, it is open to all campus faculty, staff, and students. For more information see the CMC web page at http://library.ucf.edu/cmc or call (407) 823-2791.

The Universal Orlando Foundation Library is located at the Rosen College of Hospitality Management in the heart of the tourist corridor on Universal Boulevard. The library is open to the entire UCF community as well as to hospitality industry professionals. Its unique collection covers all facets of the hospitality and tourism industries.

- The library provides a wide array of services and resources, including desktop PCs, wireless devices for checkout, group study rooms, research assistance, library instruction, and interlibrary loan. For more information, including visit http://library.ucf.edu/Rosen or call (407) 903-8100.

Regional Campus Libraries

Regional Campus libraries collections and services are available through partner libraries in Cocoa, Palm Bay, Ocala, Daytona Beach, South Lake, Sanford-Lake Mary, Leesburg, Osceola and West Orlando. The university partners with state colleges to provide complete information services. Two examples of websites customized for Regional Campus needs are:
- Services for Distance Learners http://library.ucf.edu/Services/DistanceServices.asp
- Regional Campus Libraries page http://library.ucf.edu/Regional

UCF librarians provide one-on-one, in-person, and virtual assistance by appointment. All locations provide electronic access to library and university resources on the web. Courier and intercampus loan services make the John C. Hitt Library’s collections available to UCF students at all regional and branch campus sites.

Office of Instructional Resources

Director: Don Merritt  
CB1 203; 407-823-2571  
http://library.ucf.edu

The mission of the Office of Instructional Resources (OIR) is to further the academic, research, and administrative goals of the University of Central Florida and its faculty through the design, application, and support of multimedia resources and services.

The Faculty Multimedia Center (FMC) is OIR’s media production faculty dedicated to faculty. Located in Classroom Building I (CB1) Room 202, the FMC hosts equipment and staff that faculty can call upon to help them create multimedia materials for their teaching and research needs. The FMC also partners with the Faculty Center for Teaching and Learning and the Center for Distributed Learning to host the Faculty Multimedia Workshop Series, a 30-minute workshop with 30-minute hands-on assistance for faculty who wish to increase their content creation skills.

OIR also supports videoconferencing and other online collaboration facilities and services for university use, including thesis and dissertation committee support. OIR can provide consultation to determine the most appropriate method of collaboration to meet your needs. For collaboration services or to reserve a videoconference space, please contact OIR at 407-823-2571 and ask to speak with a collaboration specialist.

Although OIR installs and repairs classroom equipment, OIR does not schedule classroom spaces. To reserve a room, please contact Classroom Reservations in the Registrar’s office. Faculty should speak with their College Scheduler to reserve a classroom or to change the meeting space for a class.
University of Central Florida/Campuses

Intercollegiate Athletics
Vice President and Director: Todd Stansbury
WD2; 407-823-2261
http://www.UCFKnights.com

The University of Central Florida, a member of the National Collegiate Athletic Association (NCAA), Division I, competes in 16 sports and is a member of the American Athletic Conference. UCF's intercollegiate sports for men include baseball, basketball, golf, football, soccer and tennis. Women's sports include basketball, cross-country, golf, rowing, soccer, softball, outdoor and indoor track and field, tennis and volleyball.

UCF's athletics teams are successful on the field, in the classroom and in our community.

Currently in their first season of membership in the American Athletic Conference, the Knights brought home the conference's first-ever championship in women's soccer. The UCF Football program won the American Athletic Conference title in the league's first year of existence, bringing home the conference's automatic bid to a BCS Bowl game.

UCF Athletics' 89 percent graduation success rate is a school record and ranks No. 1 among Florida's public universities.

During the past four years, UCF student-athletes have contributed a total of more than 360,000 hours of community service to the Central Florida region.

Graduation Rate Disclosure

The completion or graduation rate is the rate at which full-time, certificate-seeking or degree-seeking undergraduate students who are enrolled for the first time at the institution, and who have not previously enrolled at any other institution of higher education, graduate from their programs. The 6-year graduation rate for the Summer-Fall 2007 full-time cohort is 67.3 percent. The retention rate for Summer-Fall full-time 2012 students is 67.1 percent. The information is public and available for review on the Institutional Research website.

CFE Arena at Knights Plaza
http://www.cfearena.com

The CFE Arena is the largest entertainment and sports facility in East Orlando. With seating for 10,000 fans, it is home to UCF Men's and Women's basketball, university graduation ceremonies, the Orlando Predators, and a diverse lineup of world-famous entertainers, beloved family shows and festivities rivaling any in the country.

Nestled on the north side of the UCF Arena, The Venue at UCF Arena is a more intimate space showcasing special events and UCF Women's Volleyball.

Knights Plaza, home of the CFE Arena and The Venue, features an exciting mix of services, shops and dining. Come early and stay late. For event, retail or rental information, visit http://www.cfearena.com or http://www.knightsplaza.com.

Campus Bookstores

UCF's main campus is home to two Barnes & Noble bookstores.

John T. Washington Center Location
The UCF Bookstore, a Barnes & Noble College division bookstore, located in the John T. Washington Center, is the textbook and course material destination. It offers a complete line of UCF clothing, logo gifts, items, snacks, convenience items and a full service café that proudly brews Starbucks coffee. For store hours and information, visit http://www.ucf.bncollege.com or call 407-823-2665.

Knights Plaza Location
The Barnes & Noble @ UCF, located next to the CFE Arena at Knights Plaza, is the official headquarters for all of your graduation supplies. It offers a complete line of UCF clothing, logo gifts items, general reading books, snacks, convenience items and a full service café that proudly brews Starbucks coffee. For store hours and information, visit http://www.shopucf.com or call 407-882-0364.

Parking and Transportation Services
Director: Kris Singh
Visitor and Parking Information Center; 407-823-1371
Email: krishna.singh@ucf.edu
http://www.parking.ucf.edu

The Parking and Transportation Services department offers a variety of transportation options to, from, and around the campus.

The UCF Shuttle provides transit needs for students residing in 19 off-campus apartment communities, as well as numerous locations in Central Florida Research Park. Normal operating hours range from 6:30 a.m. to 10:30 p.m. UCF also has an intra-campus shuttle service on the Black and Gold Line. Two routes serve up to 9 stops on campus. On campus shuttles operate continuously from 7:00 a.m. until 7:00 p.m. during the fall and spring semesters, and from 7:00 a.m. to 4:00 p.m. during the summer terms.

An inter-campus transportation service is provided between the UCF main campus and the Rosen College of Hospitality Management. It makes nine round-trip runs between 6:45 a.m. and 9:00 p.m., Monday through Friday, during the fall and spring semesters, and six round-trips between 8:00 a.m. and 7:00 p.m. during the summer semester. Our latest addition is an inter-campus transportation service between UCF main campus and the Health Sciences Campus. It makes six round trips between 7:20 a.m. and 10:45 p.m. Monday through Friday.

These services are complimentary to all UCF students, faculty, and staff members, and operate on all class days, including exam weeks. Please refer to the webpage at http://parking.ucf.edu/Shuttle.html or call 407-823-2131 for detailed information.

In addition, two LYNX bus routes, Links 13 and 30, serve the UCF campus from Orlando, Downtown Orlando, Valencia College, and East campus. Commuters may connect to most anywhere in the Greater Orlando area. The LYNX buses normally operate at 30 to 60 minute intervals. Route maps may be obtained at the UCF Visitors and Parking Information Center and the Information Kiosk at the Student Union. Further details, including rates and information on special passes, may be obtained by calling LYNX at 407-841-8240, or from their website, http://golynx.com.

Orlando Shakespeare Theater in Partnership with UCF
Artistic Director: Jim Helsinger
812 E. Rollins St., Suite 100, Orlando FL 32803
Email: jimm@orlandoshakes.org
http://www.orlandoshakes.org

The Orlando Shakespeare Theater in Partnership with UCF is Central Florida's professional classical theater. An AEA union company, the theater presents a signature series of Shakespeare and other plays, a theater for young audiences series, The Harriet Lake Festival of New Plays, and innovative educational programming that includes summer camps, a summer high school performance group, and the K-12 “Shakespeare Alive” and Shakesperience programs. Performances are presented in Margeson, Goldman, Mandell, and Santos-Danta Theaters at the Lowndes Shakespeare Center in Loch Haven Park.

The theater has achieved a position of national recognition, attracting artists from across the country. The theater has been featured in national publications such as The Wall Street Journal, Southern Living, Theater Week, Backstage, American Theater, Stage Directions and Southern Theater. The third year of UCF's Acting MFA in Theatre is spent in residence at the theater. Internships and independent studies for UCF undergraduates are also available.
with the theater in many departments. $12 rush tickets are available for UCF students 1/2 hour before performances with student ID. To purchase tickets, contact the box office at 407-447-1700, or go on the web at http://www.orlandoshakes.org. For internship information and other questions, contact Artistic Director Jim Helsinger at jimh@orlandoshakes.org.

UCF Alumni Association
Executive Director: Tom Messina
FAIRWINDS Alumni Center; 407-UCF-ALUM (823-2586) or 800-330-ALUM (330-2586)
http://www.ucfalumni.com

The University of Central Florida Alumni Association creates alumni awareness and provides resources for alumni to stay connected to the university and each other through many active chapters and clubs, fun activities and events, and enlightening communication pieces. Alumni receive several benefits, such as discounts for hotels, restaurants, insurance products and theme park tickets as well as UCF logo merchandise discounts at locations on and off campus. A complete list of benefits can be found at http://www.ucfalumni.com/benefits.

Students can join the 4EVER KNIGHTS (4EK) Student Alumni Association, one of the largest on-campus student organizations. 4EK offers its members a wide variety of fun events and valuable benefits including invitations to fun 4EK socials, Movie Knights, Homecoming, Family Weekend, networking with alumni, discounts on logo merchandise on and off campus, restaurant discounts, free scantrons, leadership, scholarship and service opportunities and much more.

UCF Foundation, Inc.
Stewardship Coordinator, Communications, Marketing and Donor Relations: Tambrea Hurst
PVL 250; 407-882-1247
Email: tambrea.hurst@ucf.edu
http://ucffoundation.org

The UCF Foundation, Inc. is the official fund raising organization for the University of Central Florida. It is a 501(c)(3) nonprofit organization and the university’s primary partner in securing philanthropic resources.

The Foundation was established in 1969 as the Florida Technological University Foundation, Inc. and became the University of Central Florida Foundation, Inc. when the university changed its name in 1978.

The role of the UCF Foundation, Inc. is to enhance relationships with alumni, friends, faculty, staff and community partners and to promote philanthropic participation within the UCF community.

The foundation employs over 100 staff members who are dedicated to making the most effective and responsible use of contributions. The foundation team is responsible for gift acceptance and administration, gift processing and receipting, financial accounting and reporting, donor and alumni record maintenance, and donor and alumni stewardship.
International Studies
Interim Director: Consuelo Stebbins
MH 107, P.O. Box 163105, Orlando, FL 32816-3105;
407-882-2300, Fax: 407-882-0240
http://www.international.ucf.edu/OIS

The Office of International Studies (OIS) connects UCF students and faculty to diverse world communities. Its mission is to promote, support, facilitate, advocate, and implement activities that lead to the internationalization of education and research at UCF. This is accomplished through: development and administration of UCF study abroad programs; faculty development activities; internationalization of courses and programs; enhancement of international exchanges; promotion of international partnerships; and the identification and acquisition of external funding.

Study Abroad Programs
http://www.studyabroad.ucf.edu

By its very nature, study abroad provides an exciting setting for learning - one in which student interaction is central to the learning process. Study abroad participants learn about new environments, customs and, in many cases, new languages. They deal with the uncertainties of international travel and must adapt to unfamiliar living conditions. Maturity, self-confidence, and awareness of other cultures are only some of the benefits of study abroad. Students are invited to expand their classroom, their experience, and their future through study abroad.

UCF study abroad opportunities are a cooperative venture of academic departments and the OIS, and are designed to provide an exceptional learning experience that is consistent and furthers UCF curriculum. The two main types of programs administered by UCF are Short Term Programs and Student Exchanges.

Short Term Programs provide the maximum amount of exposure to a subject in the shortest period of time. Courses delivered as part of these programs must meet all academic criteria for UCF courses and can be delivered as complete modules, or as a complement to a course delivered on campus or online. Examples of past short term programs include the following: intensive language programs in Austria, France, Italy, Japan, Spain and Taiwan; Tropical Marine Biology in Honduras; International Business in France and Spain; Criminal Justice in Costa Rica, Russia and the United Kingdom; Education in the United Kingdom; International Gastronomy in France and Italy; and Art in Italy.

Reciprocal Student Exchanges (RSE) provide the opportunity to become a student at a university abroad for one term or even a year. The longer terms allow for a more extensive experience abroad. Student exchanges require greater personal commitment, maturity and organization. Therefore, they are limited to UCF students who have attained at least a junior status and who have a minimum 3.0 GPA.

Experiential Learning (Office of), Undergraduate Studies
Interim Director: Ulla Isaac
CSEL 303; 407-823-2667
Email: OEL@ucf.edu
http://www.explearning.ucf.edu

The Office of Experiential Learning (OEL), an academic department in Undergraduate Studies provides advising, instruction and instructional support for experience-based learning courses at UCF. Its primary goal is to enable all students to include major-, career-, or course-related real-world experience in their academic programs to gain the personal, academic and professional competencies they need to be successful employees and engaged community members upon graduation. About one third of the student body participates in experiential learning opportunities each year.

OEL has received national awards for its program innovation, quality instruction and assessment, broad-based collaboration, and institutional support. It contributes to the development and instruction of quality experiential learning courses across campus and helps keep curriculum current by offering faculty training, quality assurance, measurement of learning outcomes in experience-based learning courses, and outcome data to colleges for grant proposals, assessment, and accreditation purposes. Additionally, OEL collects data and applies for awards through which the university has been recognized numerous times for excellence in student engagement and partnerships.

Through OEL, both undergraduate and graduate students in all colleges have access to a diversity of experiences through meaningful and productive educational partnerships with employers and community partners locally, nationally, and internationally.

Experiential Learning faculty members advise students, instruct co-op and internship courses, and support college faculty in the development and instruction of internship and service-learning courses. The department also administers the Florida Work Experience Program (FWEP) through which additional paid, major-related experiences are created for students with documented unmet financial need, facilitates curricular practical training (CPT) for international students, and supports local, national and international internship programs and service-learning projects. All of these options provide major-related, real-world experience that help students clarify career goals, apply classroom theory, gain relevant competencies, and increase the likelihood of their entering graduate school or obtaining major-related employment upon graduation.

- Internships are available to students on all campuses in all colleges. They are courses that provide one-term of major or career-related work experience, structured for learning with reflection, supervision and evaluation, paid or unpaid, and most often for credit. Internships usually occur during summers or toward the end of a student’s program of study, and can be part-time (usually during summers). They are available through OEL or through college departments.

- Co-op opportunities are available to students on all campuses in all colleges. They are courses that provide a linked series of progressively responsible internships, always major- or career-related, paid, and occurring over multiple terms. They are either part-time around class schedules or full-time alternating terms of work experience and coursework, structured for learning with reflection, supervision and evaluation, and available for non-credit or credit when it will count in a student’s academic program. The co-op program at UCF is accredited, one of the largest in the
country, and recognized nationally as a model for quality and benefits to students.

Service-Learning provides a means for faculty to incorporate experiential learning into academic courses so that students meet course objectives through service experiences. Through this process, students gain an appreciation for civic engagement while learning course content in a real-world environment. Courses using this approach are designated with an “SL” in course listings so that students can choose to participate in this type of learning experience. A service-learning certificate, noted on a student’s transcript, is available for students who complete at least four service-learning courses with 12 credit hours.

Students are encouraged to come to OEL as soon as possible to plan for their participation, preferably during the term before they want to participate to allow time to obtain an appropriate learning experience. For co-op or internships, students first complete an online application, followed by an Orientation session to obtain access into the OEL online database system. They then meet with OEL faculty to receive advising, assistance in pursuing opportunities, referrals, and registration into experiential learning courses. To participate in service learning courses, students may select courses with an “SL” designation during the registration process. General information, online application, current co-op and internship opportunities through OEL, requirements for participation, tutorials, student assignments and modular courses, and materials for Service-Learning are all available on the OEL website.

National Consortium for Academics and Sports (NCAS)

Director, Special Programs and Events: Suzi Katz-Slowinski
http://www.ncasports.org

Vision: to create worldwide social justice through the power of sport.

Mission: The mission of the NCAS is to use the power of sport to effect positive social change. We educate and empower individuals and organizations by inspiring values-based thinking leading to actions that promote social responsibility and equality.

Core Values:

Diversity and Inclusion
We believe diversity and inclusion serve as a catalyst to promote fairness, equity, and justice.

At the NCAS, we harness the power of diversity and inclusion to capitalize on individual and collective strengths and help teams, staffs, and organizations reach their full potential. Respect and appreciation of difference are the founding principles of diversity and inclusion. As advocates of fairness and equality, the NCAS hopes to build a global awareness and cultural competence through the power of sport. We strive to be on the cutting edge, proactively working to understand who is being excluded.

Education
Education has the power to transform lives and empowers people to make a difference.

The NCAS embraces the principle that everyone has a right to be educated, and has a duty to use what is learned to improve society. Since its inception, NCAS member institutions have offered opportunities for athletes to complete their degrees even after eligibility has expired. In addition to our advocacy for traditional education, the NCAS educates and empowers people by raising awareness of social justice issues and by offering strategies and solutions for overcoming them.

Social Justice
The NCAS is committed to peace and justice by raising awareness and developing strategies for dealing with social justice issues worldwide.

The NCAS aims to provide the education, tools and strategies for dealing with these issues and empowers individuals to take action for those without a voice. We challenge sports leaders and athletes to embrace leadership roles by supporting everyone’s basic human rights, and confronting all forms of discrimination, hate, and violence, while advocating for those who are underrepresented.

Ethical and Moral Leadership
The NCAS’ unshakeable vision for sport driven social change demands that we challenge ourselves, and others, to aspire to the highest standards of ethical and moral behavior.

Ethical and moral actions are the foundation that enables individuals, organizations, and leaders to gain leadership credibility. The beliefs and actions of leaders have significant impact on their respective organizations and, as such, effective ethical and moral leadership blends humility with determined professional will. The NCAS’ ambitious goals for sport driven social change can only be accomplished through tireless commitment to ethical and moral behavior. Thus, we dedicate ourselves to advocate for ethical and moral leadership through the power of sport.

The Power of Sport
The global impact that sport has on society reminds us that teamwork and unity transcend the fields of competition, and has the irrefutable power to positively change lives.

We apply the lessons of “the huddle” to illustrate how divergent interests and beliefs can unite under a shared vision and common goal. We believe sport has an immense impact on societies across the globe. Sport has been known to galvanize communities large and small. By harnessing this power and public influence, the NCAS continues to promote social change domestically and around the world. Changing lives through the power of sport.

Division of Continuing Education

Director: J. Jeffrey Jones
Innovation Center, 3280 Progress Drive, Suite 700, Orlando, FL 32826; 407-882-0280; Fax: 407-882-0266
http://www.ce.ucf.edu

The Division of Continuing Education (DCE) serves as the unit within Academic Affairs for the centralized administration of continuing education at UCF. In partnership with the academic, business, and professional communities, DCE provides local, state, national, and international clients with high quality, affordable, credit/noncredit educational programs and services. DCE programs include K-12, degree seeking students, domestic and international corporations, and local state and federal government.

Off-Campus College Credit Programs

Associate Vice President: Stephen Holmes
University Towers, 12201 Research Parkway, Suite 101, Orlando, FL 32826; 407-823-3654, Fax: 407-823-1399

Off-Campus College Credit and Corporate Education Programs assist in the administration and coordination of approved partnerships and other specially formatted credit courses and degree programs for the academic colleges. Registration may be conducted on site or via the web for student convenience. Registration for non-admitted students does not constitute regular admission to the University.

Institutes and Centers for Research

Center for Economic Education

Director Emeritus: Robert L. Pennington
Economics Department, BAZ 305; 407-399-2173
Email: Robert Pennington@ucf.edu

The Center for Economic Education strives to increase public knowledge of economic principles and their applications in daily life. Researchers at the Center develop, collect, and distribute economic educational materials. They also consult with and provide instruction to area schools (K-12), Florida College System institutions, and community organizations. Instruction focuses on the principles of economics and their use in making rational economic decisions. Affiliated with the Council for Economic Education, the Center also conducts research in economic education.

Dick Pope, Sr. Institute for Tourism Studies

Director: Abraham Pizam
9907 Universal Blvd., Suite 231-A Orlando, FL 32819; 407-903-8010

Associate Director: Roberto Croes
9907 Universal Blvd., Suite 231-D, Orlando, FL 32819; 407-903-8028
Email: DPl@mail.ucf.edu
http://hospitality.ucf.edu/research/dick-pope-sr-institute-for-tourism-studies/

The purpose of the Dick Pope Sr. Institute for Tourism Studies is to improve the quality of the tourism product while increasing the benefits of tourism for the industry, state of Florida, and local communities. The Institute positions itself in a variety of research projects and educational programs. Research includes the collection, development, and dissemination of information relevant to the tourism and hospitality
industry in the areas of: marketing, consumer behavior and visitor satisfaction, feasibility studies, economics, motivation, and forecasting. Some of the Institute’s patrons include tourism promotion agencies at the state and local levels; tourism development commissions; professional associations; and private enterprises such as attractions, hotels, resorts, restaurants and other food-service establishments, ground and air transportation companies, travel agencies and tour operators, and other related businesses. The Institute devotes significant efforts to educating the public about the tourism industry on state and international levels, as well as its contribution to the social and economic welfare of the community at large.

Executive Development Center
Executive Director: Robert Porter
Associate Director of Degree Programs: Robin Hofler
Associate Director, Executive & Professional Development
Programs: Jana Breburdova
407-235-3901
Email: edc@bus.ucf.edu

The University of Central Florida College of Business Administration is proud to serve as a partner in executive education to the local, state, national, and international business communities. The Executive Development Center was established to provide quality executive education programs to both individuals and organizations. The Center helps professionals from all industries become more dynamic leaders, more effective managers, and more valuable team members. Corporations benefit from participating in executive education programs by developing more productive and resourceful workforces that can meet the challenges of today’s changing marketplace and tomorrow’s opportunities.

The Center serves as a valuable resource in executive training and development by offering degree and non-degree programs that add strategic issues for managers and business leaders. These programs are offered in a variety of formats suitable for any individual or corporation through:

- Executive MBA Program
- Professional MBA Program
- Professional Master of Science in Management
- Professional Master of Science in Real Estate
- Open-enrollment Programs
- Custom Corporate Programs

Florida-Canada Linkage Institute
Director: Mark Hartman
407-823-3647, Fax: 407-823-2526
Email: fcli@ucf.edu

The Florida-Canada Linkage Institute was created by the Florida legislature to foster educational, commercial, cultural and social exchanges between Canada and the State of Florida. The Institute, administered by the International Services Center, promotes international collaboration through expanded public/private dialogues on cooperative research and technical assistance, cultural exchanges, the enhancement of language training, and student/faculty exchange programs. The Institute administers the Out of State Tuition Fee Exemptions Program that is available for Canadian students to study in Florida state universities and Florida College System institutions for the same tuition and fees as Florida residents. The awards are limited to 25 FTE and are competitive.

Florida-Eastern Europe Linkage Institute
Director: Mark Hartman
407-823-3647, Fax: 407-823-2526
Email: eeli@ucf.edu

The Florida-Eastern Europe Linkage Institute was created by the Florida legislature to foster educational, commercial, cultural and social exchanges between the countries in central and Eastern Europe and the State of Florida. The Institute, administered by the International Services Center, promotes international collaboration through expanded public/private dialogues on cooperative research and technical assistance, cultural exchanges, the enhancement of language training, and student/faculty exchange programs. The Institute administers the Out of State Tuition Fee Exemptions Program that is available for students from central and east European countries to study in Florida state universities and Florida College System institutions for the same tuition fees as Florida residents. The awards are limited to 25 FTE and are competitive.

The John Scott Dailey Florida Institute of Government at the University of Central Florida
Director: Marilyn Crotty
407-882-3960, Fax: 407-882-3968
http://www.iog.ucf.edu

The John Scott Dailey Florida Institute of Government is part of the College of Health and Public Affairs. The institute serves as a valuable resource for local government information and provides the public sector and nonprofit entities the highest quality training, technical assistance, facilitation services, conference planning and coordination and administrative services to improve Florida’s communities.

Florida Solar Energy Center (FSEC)
Director: Jamie Fenton
1679 Clearlake Road, Cocoa FL 32922-5703; 321-638-1000
Email: info@fsec.ucf.edu
http://www.fsec.ucf.edu

The Florida Solar Energy Center (FSEC) is the largest and most active state-supported energy research institute in the United States. Located on the Cocoa campus of UCF at Eastern Florida State College, FSEC has gained national and international respect for its programs on photovoltaics, solar thermal systems, energy-efficiency buildings, advanced cooling technologies, hydrogen and fuel cells, biomass to fuels, electric vehicles, smart-grid research and the testing and certification of solar equipment. The Center conducts continuing education workshops for professionals, government and industry leaders around the world. Additionally, FSEC offers Science, Technology, Engineering and Mathematics (STEM)-focused opportunities to K-12 and college level students, professional development for teachers, and renewable energy curriculum and activities to schools throughout Florida.

Florida Space Institute (FSI)
Director: Ramon Lugo
Florida Space Institute, PO Box 106650, Room 214 A, Orlando, FL 32816-0650; 407-823-6172; Fax: 407-823-6359
Email: ramon.lugo@ucf.edu
http://fsei.ucf.edu

The Florida Space Institute provides unique, practice-based educational opportunities, combined with space science research and the resources to design, build, and test small satellites, instruments, and payloads. Using these resources FSI supports UCF and other member schools, as well as other educational and commercial customers. FSI provides opportunities for student involvement in real-world space programs. FSI is a State of Florida Institute headquartered at UCF, but has 10 member schools statewide. FSI is located at Research Park, Orlando, which is adjacent to the UCF main campus. Typical research areas include small satellite innovations, planetary science, instrumentation development, space weather, and space power, driving engineering solutions with science requirements. FSI utilizes the Space Center as a laboratory to perform field experiments. This combination of capabilities provides students with an unequalled opportunity to obtain an education with experience, through practice-based teaching, in the areas of space science and engineering.

Institute for Simulation and Training (IST)
Director: Randall Shumaker
Partnership II & III, 3100 Technology Pkwy, Orlando, FL 32826-0544; 407-882-1300
Email: shumaker@ist.ucf.edu
http://www.ist.ucf.edu

The Institute for Simulation and Training (IST) was established to conduct research and develop technology that advances the state of the art in affordable and effective human-centered simulation capabilities and training systems. In April 1985 a State of Florida resolution recognized the Institute as part of a Center of Excellence for Simulation Research and Training. Driven by a proven record of research achievement, IST has developed unique qualifications and is positioned to provide the enabling technologies and technical talent necessary to research new ways to model human activity, improve human-agent interaction, and educate the next generation of scientists and professionals.

IST laboratories, work space, and administrative offices occupy major portions of the Partnership II and III buildings located in the Central Florida Research Park, adjacent the UCF campus. The park also is home to major simulation and training agencies from all branches of the U.S. military. The institute is a research and academic arm of the world’s largest concentration of simulation and training for industry, government, health care, and entertainment.
IST’s research staff of more than 200 scientists, engineers, and students conducts basic and applied research for a broad range of training devices and programs. Research teams focus on applied research and technology, as well as systems integration, and information systems technologies. Research areas include:

- Multi-resolution simulation
- Virtual, mixed, and augmented reality
- High performance computing
- Human-machine interface, robotics
- Computer-generated forces
- Mathematical foundations
- Application development
- Information management technology
- Human factors psychology
- Team training and team performance
- Cognitive science
- Augmented cognition
- Medical-related simulation
- Embedded simulation
- Advanced performance technology

IST actively assists UCF in the development of simulation-related curricula. For many outstanding students, work experience at IST becomes a launching pad to a career in the simulation industry. A significant number of existing professionals, both in government and industry, enroll in modeling and simulation graduate and certificate programs to continue their advanced education and hone their research skills.

The institute includes in its efforts development of research projects with potential commercial applications and adaptation of military technology to civilian markets. IST communicates the results of its research through seminars, conferences, publications, and workshops. In cooperation with UCF, the University of South Florida, and University of Florida, and with considerable participation from area industry and economic development organizations, IST promotes economic growth in the modeling and simulation industry throughout the Central Florida High Tech Corridor.

Institute of Statistics and Data Mining
Director: Chung-Ching (Morgan) Wang
TC2 203; 407-823-2816
Email: chung-ching.wang@ucf.edu

The Institute of Statistics and Data Mining provides statistical consulting support to graduate students, staff, and faculty members in all stages of their research projects. The Institute’s services include, but are not limited to, design of experiments and surveys, determination of sample sizes, formulation of hypotheses, selection of appropriate analysis using a variety of software packages, interpretation and evaluation of statistical results, preparation of statistical reports, and writing statistical methods and data analyses sections of research grant proposals as well as data management through the data mining lab. The Institute’s faculty members are available to work as co-investigators or statistical consultants on clients’ grant proposals. The Institute also provides statistical support to various government agencies and private organizations. For a brief description of consulting activities of the Institute and research expertise of faculty members, please visit http://statistics.cos.ucf.edu/. The consulting service is available to faculty members working on funded projects for a modest fee. Professor Chung-Ching Wang is the Director of the Institute. However, other faculty members from the Department of Statistics are available for assisting clients.

Oak Ridge Associated Universities (ORAU)
President and ORAU Councillor for University of Central Florida: John C. Hitt
ORAU Corporate Secretary: Monnie E. Champion
865-576-3146
http://www.orau.org

Since 1989, students and faculty of University of Central Florida have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 96 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in a number of programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are specially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing on these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the ORISE Catalog of Education and Training Programs, which is available at http://seet.orau.org, or by calling the number above.

ORAU’s Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU’s members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the ORAU Events Sponsorship Program, the ORAU Travel Grant Program and the Lindau Meeting of Nobel Laureates and Students.

Small Business Development Center (SBDC)
Regional Director: Eunice Choi
3201 E Colonial Drive, Suite A20, Orlando FL 32803 (Located in the National Entrepreneur Center); 407-420-4850
Email: echoi@bus.ucf.edu
http://www.bus.ucf.edu/sbdc

The Small Business Development Center (SBDC) is part of a statewide organization designed to promote economic development by responding to the needs of the small business community. The SBDC, as part of the Office of Research and Commercialization at the University of Central Florida, is responsible for eight counties in the Central Florida area including ten satellite offices located at Daytona State College, Eastern Florida State College, Seminole State College, Kissimmee Chamber of Commerce, City of Palm Coast, and three Lake County Business Opportunity Centers. Assistance is provided through workshops and no-cost individual consulting in the following areas:

- Start-Up
- Marketing
- Finance
- Accounting
- Operations
- Management
- Technology
- Business Plan Development

Additional programs for leaders of growing businesses are also offered as follows: Advisory Board Council, CEO Xchange, Export Marketing Plan Services, Growth Acceleration Services, Small Business Institute, and Strategic Workshop Series, in addition to two special programs of Procurement Technical Assistance Center (PTAC) and Small Business Resource Network (SBRN).
Undergraduate Admissions

Associate Vice President: Gordon D. Chavis, Jr.
Duke Energy UCF Welcome Center, 407-823-3000
Email: admission@ucf.edu
http://admissions.ucf.edu

The Office of Undergraduate Admissions at the University of Central Florida coordinates the admission and enrollment of all undergraduate first-time-in-college, transfer, non-degree, and non-Florida public institution transient students to the Orlando campus and all regional campus sites. The office’s primary mission is to identify, attract, and enroll talented, diverse, and academically qualified students who will contribute to, achieve growth and success at, and benefit from attending the University of Central Florida.

The Office of Undergraduate Admissions seeks to attract students who are motivated, creative, and committed to academic excellence. The office will accomplish this through personal contacts, strategic communication, information management, and targeted recruitment. The office is dedicated to providing quality customer service through effective teamwork and through the development of collaborative partnerships with both internal and external communities.

The office administers several programs for prospective students and parents, including daily tours and information sessions, open houses, area receptions for admitted students, and high school and Florida College System institution visits by admission representatives. The office also provides the opportunity to meet one-on-one with an admission representative on campus. Please visit our website for further information.

Campus Visit Experience
Information sessions and campus tours are available through our “Campus Visit Experience”. All freshmen (First-Time-In-College: FTIC) and transfer prospective students and their families are encouraged to participate. The Campus Visit Experience, which includes both an information session and tour of the campus, begins at the University Welcome Center at 10:00 a.m. and 2:00 p.m., Monday through Friday, except holidays. Reservations can be made by visiting our website at http://admissions.ucf.edu. Group tours of up to 80 or special requests may be accommodated and can be requested by visiting our website.

Admissions representatives are available to discuss particular concerns about admission to the University. You may contact the Office of Undergraduate Admissions at 407-823-3000 or visit us at our website. Information sessions and campus tours are also available for students interested in our Rosen College of Hospitality Management near International Drive. Please contact them at 407-903-8000 for further information.

Application for Admission
All interested applicants should complete the University of Central Florida “Undergraduate Admissions Application” online at http://admissions.ucf.edu and submit the $30 (in U.S. Currency), non-refundable application fee. Students should apply several months in advance of an anticipated start date and provide a completed file by the published application deadline. Questions concerning admission requirements and applications can be forwarded to admission@ucf.edu.

Applications for admission can be submitted up to one year prior to the start of the term desired. The application deadlines are May 1 for the Fall semester (July 1 for Transfer students), November 1 for the Spring semester, and March 1 for the Summer term. The priority deadline for most financial assistance and scholarships is March 1. Information regarding University housing can be found at http://www.housing.ucf.edu. Applicants can apply for housing once they are offered admission to the University. Requests for housing are subsequently reviewed according to the date of the receipt of the housing application. The University does not discriminate based on race, color, religion, sex, national origin, age, disability, marital status, parental status, genetic information, sexual orientation, gender identity, gender expression, or veteran status.

Applicants should understand that this Undergraduate Catalog outlines minimum requirements to be considered for admission and that admission to the University is competitive. The satisfaction of minimum requirements does not guarantee admission. Conversely, Florida Department of Education policy allows the University to admit students to any semester as exceptions to the minimum requirements. The Office of Undergraduate Admissions and the Admissions and
Standards Committee are responsible for the admission of all undergraduate students under this exception policy.

Applicants must submit official transcripts from each educational institution attended to the Office of Undergraduate Admissions. Applicants must likewise submit official score reports for credit earned from each application for admission or residency affidavit may result in disciplinary action, denial of admission, loss of financial aid, and invalidation of credits or degrees earned.

Those enrolled students who have not submitted official completed records by the deadline will be placed on administrative hold. Students with these incomplete records will not be permitted to register for a future term until all official transcripts and other required documentation have been received. If, upon review of final transcripts, student records are not satisfactory, they may be placed on academic probation, have their admission status revoked, changed to non-degree or transient status, may become ineligible for financial assistance, and may, in some cases, be withdrawn from the University. In addition to the required documentation mentioned above, students must have a satisfactory conduct record at all schools attended.

Due to restrictive state regulations, UCF is not permitted to provide online courses or instruction to students in some states. The list of states currently restricted is available at http://www.admissions.ucf.edu/. While residing in one of these states, students may not be permitted to enroll in UCF online courses.

**Reactivation**

Students who have submitted an application for admission to UCF as a degree-seeking student and do not attend, may reactivate the original application within one year of the term for which they first applied. To update the application, students should complete the Reactivation Form by the published application deadline date. This form can be found online at http://admissions.ucf.edu. This process reactivates the application only; additional official credentials may be required. Admission for one term does not guarantee admission for a future term.

**Limited Access Programs**

Admission to the University does not guarantee admission to a limited access program. Some majors at the University limit the number of students who may enroll. Limited access status occurs when student demand exceeds available resources (e.g., faculty, instructional facilities, equipment) or when specific accrediting requirements apply. Criteria for admission are selective and include: indicators of ability, quality of courses completed, counselor recommendations, essay, and personal achievements and honors will be considered in the selection process. The University reaffirms its Equal Educational Opportunity (EEO) commitments and seeks to increase diversity among the student body.

**High School Diploma**

Freshmen who are applying for admission to the University are required to have a standard high school diploma (or the equivalent) or a General Equivalency Diploma (GED).

**Entrance Examination Scores**

All FTIC applicants for admission must submit test scores from the SAT Reasoning Test or the ACT Plus Writing. In addition, any student whose native language is not English may be required to submit a Test of English as a Foreign Language (TOEFL) or an International English Language Testing System (IELTS) score.

**High School Academic Units and Grade Point Average**

All applicants must have earned a minimum number of high school academic units (year-long courses that are not remedial in nature) to be considered for admission. A grade point average (GPA) will be computed only on academic courses. Plus(+) and minus(-) will not be included in the high school GPA recalculation. Grades in International Baccalaureate (IB), Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), honors and dual enrollment courses will be given additional weight in the computation of the academic GPA. The high school academic unit requirements are as follows:

<table>
<thead>
<tr>
<th>Academic Subjects</th>
<th>Units Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (three of which must have included substantive writing)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (at or above the Algebra I level)</td>
<td>4</td>
</tr>
<tr>
<td>Natural Science (two of which must have included substantial laboratory requirements)</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (included: history, civics, political science, economics, sociology, psychology, and geography)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language (both credits must be in the same language)</td>
<td>2</td>
</tr>
<tr>
<td>Additional academic electives from the above five subject areas and courses recommended by the Florida Assn. of School Administrators, or other groups, and courses recommended by the Articulation Committee and approved by the Department of Education</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Units**

18

**Applicant Eligibility**

As stated in Florida Board of Governors Regulation 6.002, an SAT Reasoning Test or ACT Plus Writing is required of all State University System FTIC applicants. Students with a high school GPA of 2.5-2.99 on a 4.00 scale as calculated by the university must obtain the following minimum scores in all three sections of either the SAT Reasoning Test or ACT with Writing as outlined below:

- SAT Critical Reading = 460 or ACT Reading = 19
- SAT Mathematics = 460 or ACT Mathematics = 19
- SAT Writing = 440 or ACT English/Writing = 18

Transferring students, if the University must
Undergraduate Admissions

Each state university reserves the right under Florida BOG regulation (6C 6.002) to establish admission criteria that exceeds Florida BOG minimums.

- Admission to the University is limited by space availability. The degree of competition for space depends on the number and qualifications of those who apply for admission. To increase the chance of admission, high school students should present credentials that are stronger than the minimum requirements for consideration as listed above. If the number of qualified applicants exceeds the number that the University is able to enroll, a waiting list will be established.
- A student applying for admission who does not meet established requirements may bring to the University other important attributes or special talents and may be admitted if, upon appeal and in the judgment of the Admissions and Standards Committee, the student can be expected to do successful academic work. The University will provide appropriate advising for each student admitted under this alternative.
- Students who have been enrolled in dual enrollment courses will be required to have a minimum “C” average (2.0 GPA) for all completed dual enrollment course work.
- A student must demonstrate competency of foreign language or American Sign Language equivalent to the second high school level or higher (Spanish 2, Haitian Creole 2, etc) or at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution to be offered admission.

Dual Enrollment/Early Admit Applicants

High School students who have demonstrated exceptional academic ability may be permitted to enroll as university students while completing their high school programs. There are three types of dual enrollment programs:

1. Early Admission is for students who have completed their junior year in high school and would like to enroll at the University as full-time students for the senior year of high school to complete their high school graduation requirements. Students must submit an application for admission by the published application deadline date. In addition, the following information is required:
   - official copy of high school transcript(s);
   - official copy of SAT Reasoning Test or ACT Plus Writing;
   - written letter of recommendation from high school counselor or school district permission form; and,
   - written permission from parents or legal guardian.

2. Dual Enrollment On-Campus is for students who desire to dual enroll on a part-time basis, taking one or two courses on campus, while completing their high school coursework. Students must submit an application for admission by the published application deadline date, as well as all items listed above. Additional documentation may be required.

3. Dual Enrollment Off-Campus is for students whose high schools sponsor on-site courses at specific high schools. Students earn both high school and college credit for successful completion of course work. Each respective high school selects students who are eligible to participate in these programs. Contact your high school guidance office for detailed information.

Transfer Applicants

UCF welcomes transfer applications to the university. Students should apply online at http://admissions.ucf.edu and arrange to have official transcripts sent from all colleges attended. The Office of Undergraduate Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does not recognize plus or minus grades and only recognizes grade forgiveness when it is used as part of an awarded statewide articulated Associate in Science degree or a degree from a Florida public institution. Applicants must have a cumulative minimum GPA of 2.0 as well as a minimum GPA of 2.0 and be in good standing as a degree-seeking student at the last institution attended to be considered for admission to UCF. Meeting these minimum requirements does not guaran-

eer admission.

Transfer students are required to complete at least 30 hours in residence at UCF to earn a bachelor’s degree. In addition, students must complete 48 hours in residence at UCF to be eligible to receive baccalaureate honors recognition at the time of graduation.

Transfer Applicants with Fewer Than 60 Credit Hours

All college transfer applicants with fewer than 60 credit hours of acceptable credit must minimally meet freshman high school unit entrance requirements, the high school academic GPA, and minimum SAT Reasoning Test or ACT Plus Writing scores; and also have at least a 2.0 GPA on a 4.0 system for all college-level academic courses attempted; and be in good standing (minimum 2.0 GPA) and eligible to return as a degree-seeking student to the last institution attended. Meeting these minimum requirements does not guarantee admission.

Transfer Applicants with an A.A. Degree from a Florida Public Institution

Admission of Associate in Arts (A.A.) degree graduates from Florida College System institutions and Florida state universities will be governed by the Articulation Agreement between the state universities and Florida College System institutions of Florida, as approved by the State Department of Education. The agreement states: The associate in arts degree is the basic transfer degree of the Florida College System institutions. It is the primary basis for admission of transfer students from Florida College System institutions to upper division study in a state university. Every associate in arts graduate of a Florida College System institution shall be granted admission to an upper division program consistent with Section 1007.23, F.S. Admission to the student’s preferred public postsecondary institution or program is not guaranteed.

Any student admitted without demonstrated proficiency in a foreign language or American Sign Language equivalent to the second high school level or the elementary 2 level at an undergraduate institution must satisfy the admission requirement prior to graduation. Florida College System institution Associate in Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State DOE Rule 6A-10.024):

1. Admission to one of the twelve state universities, except to "limited access" programs (programs that have additional admission requirements);
2. Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree;
3. Transfer of equivalent courses under the statewide Course Numbering System;
4. Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission, and International Baccalaureate);
5. No additional General Education Core requirements;
6. Advanced knowledge of selection criteria for limited access programs; and,
7. Equal opportunity with native university students to enter limited programs.

Should any guarantee be denied, students have the right of appeal through the Office of Undergraduate Admissions and the Admissions and Standards Committee.

Transfer Applicants - More Than 60 Hours, Have Not Received an A.A. Degree from a Florida Public Institution

Undergraduate transfer applicants who desire to be admitted as upper division students must have met, at least, all of the following requirements:

- A minimum of a 2.0 GPA and 60 credit hours of academic course work;
- The English and Mathematics requirements of the Gordon Rule;
- Demonstrated proficiency at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution. This requirement applies to those students without the required demonstrated proficiency equivalent to the second high school level.

Meeting these minimum requirements does not guarantee admission.

Second Bachelor’s Degree Applicants

Second Bachelor’s Degree applications are processed by the Undergraduate Admissions Office or the Registrar’s Office. Guidelines for which office students should make application to are outlined as follows:

- Students who have never attended the University of Central Florida as degree seeking undergraduate students must apply to the Office of Undergraduate Admissions. Students should complete the undergraduate admissions application online at http://admissions.ucf.edu/.

UNIVERSITY OF CENTRAL FLORIDA

32 Undergraduate Catalog 2014-2015
Students who have previously attended the University of Central Florida as a degree-seeking undergraduate student should apply through the Registrar’s Office. These students should follow the Readmission procedure located online at http://registrar.ucf.edu/readmission-application.

Credits from a Previous Baccalaureate Degree
Graduates from a regionally-accredited four-year U.S. institutions who apply for admission to work toward a second undergraduate degree must meet the regular requirements of the university (as defined in the “Undergraduate Degree Requirements” section of this Undergraduate Catalog). Students must meet all transfer GPA requirements. A baccalaureate degree or higher from another regionally accredited four-year U.S. institution satisfies the General Education Program requirements and also provides exemption from the foreign language requirements for admission and graduation.

Note: If a baccalaureate degree from a regionally accredited four year U.S. institution includes credit from a non-regionally accredited institution, the credit from the non-regionally accredited institution may not be included as transfer credit. This would result in the transfer of less than the total number of credit hours awarded within the baccalaureate degree.

Transient Student Applicants
A student in good standing with a minimum 2.0 GPA at the last regionally-accredited institution attended who desires to enroll for one term at UCF may be considered for admission as a transient student. Such enrollment terminates at the end of one term and does not presuppose degree-seeking admission to the University. A transient student must submit an official transcript from the last institution attended. Transient student applications must be received by the appropriate application deadline. If a student’s last school of attendance is a Florida public institution, they may apply through the Florida Virtual Campus website at http://www.fvc.org. Transient students are not eligible to receive financial aid. Registration is permitted on a space-available basis. Meeting minimum GPA requirements does not guarantee admission.

Non-Degree Seeking Applicants
A student who wishes to attend UCF but not work toward a degree and has not already earned a bachelor’s degree, must apply to the Office of Undergraduate Admissions as a non-degree seeking student. Non-degree seeking applicants must follow the same procedure and must meet the same admission requirements as transfer applicants. Please refer to the details on the previous page for transfer applicants. Meeting minimum admission requirements does not guarantee admission.

A student who has already earned a bachelor’s degree and wishes to attend as non-degree seeking should follow the procedure through our Graduate Admissions Office located at http://www.admissions.ucf.edu/nondegree_applicants.

International Applicants
The University of Central Florida is authorized under federal law to enroll students on non-immigrant visas. All international candidates applying for admission to UCF must submit a University of Central Florida Undergraduate Admissions Application online at http://admissions.ucf.edu. Because of additional processing time needed for non-immigrant students joining UCF on F-1 or J-1 visas, those students should submit the application and all required academic documentation by the international application deadlines. The international application deadlines are as follows: Fall, March 1; Spring, September 1, and Summer, January 1.

The following items will be needed in order to review an application for admission:

- Submit the completed UCF admissions application form with the required $30.00 non-refundable application fee (credit card online, check or money order in U.S. currency). The online application is available on our website at http://www.admissions.ucf.edu.
- Students who attended an international secondary school that uses grading and evaluation systems different from the U.S. system will need a document-by-document evaluation and a GPA computation of the secondary school record in English. This record, which should include performance evaluations, grades for work completed over a period of at least three years, as well as any certificates earned, should be sent to one of the agencies listed below. They will translate it if necessary, evaluate it, and then send their evaluation directly to UCF. A grade point average should be calculated and must appear on this evaluation.

- If the student has attended any international universities, an English translation and evaluation of work completed at each institution will be necessary. Transcripts should be sent to one of the agencies below for a course-by-course evaluation. Please note that if 60 or more credit hours have been earned at a post-secondary institution, it will not be necessary to submit the secondary school records.
- Results of the TOEFL (Test of English as a Foreign Language) or IELTS (International English Language Testing System) may be required of students whose first language is not English. Information regarding these examinations may be obtained from the College Board (SAT) at http://www.ets.org/toefl or IELTS, http://www.ielts.org.
- Results of the SAT Reasoning Test or ACT Plus Writing will be required if the student has earned less than 60 credit hours of college credit. Information regarding these examinations may be obtained from the College Board (SAT) at http://www.collegeboard.org or from ACT at http://www.act.org. While there are no specific minimum score requirements on these examinations for admission, they are used in conjunction with other required credentials, and students should prepare sufficiently to achieve the highest possible score on these exams.

These students must also complete and submit the required financial and immigration documents by the deadline. Applicants must also file a “Certification of Finances” form and supporting financial documents with the International Services Center indicating financial support to cover educational and other expenses for the first year of study. These documents can be found online at http://www.intl.ucf.edu/index.cfm?PageID=238 and must be on file prior to the issuance of the I-20 or DS-2019 forms by the University.

Educational Translations and Evaluations
Foreign diplomas must meet the requirements specified in Florida Statutes, section 229.814. UCF will accept evaluations of academic credit from these agencies:
Josief Silny and Associates World Education Services

Mandatory Health Insurance for International Students on F and J Visas
Each international student on an F or J visa offered admission shall, prior to registration for classes, submit proof of required health insurance coverage to UCF Health Services to comply with the State of Florida mandatory health insurance requirement for F and J students. Minimum coverage limits are posted on the Health Services website at http://www.hs.ucf.edu. Use the link for health insurance that directs you to information that is specific to the UCF-endorsed health insurance plan that meets all the State of Florida requirements. Proof of insurance coverage must be submitted to Health Services and may not be submitted via email.

The University reserves the right to refuse registration to any international student on an F or J visa who fails to comply with this insurance requirement or who 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, cancels insurance coverage while still enrolled as a student, or avoids in any way the responsibility to comply with the insurance requirement. For questions, call UCF Health Services at 407-823-1261 or go to their website noted above.

Non-Academic Admission Clearances
Florida Board of Governors Regulation 6.001 (7) authorizes universities to refuse admission to applicants due to past misconduct. The University further requires the Vice President For Student Development and Enrollment Services or his/her designee to review all applications disclosing information regarding any prior criminal conviction or conduct problem at another institution and to make a decision as to whether the admission of this applicant will be in the best interest of the University. This statement describes the procedure and assigns responsibility for the review of these applications for admission. Applicants who fail to disclose any prior criminal conviction or conduct problem at another institution and such fact is subsequently discovered by the University, shall be denied admission, or may receive any other academic and/or disciplinary action prescribed by the University, including but not limited to academic dismissal.
Transfer Credit: All Applicants

All grades from a regionally-accredited college or university in transfer courses that are normally part of a baccalaureate degree program are shown on the student’s permanent UCF record. Effective Fall 2001, the University recognizes a grading system of plus or minus. In addition, grade forgiveness is honored only if it has been awarded as part of an AA or a specific statewide articulated AS degree from a Florida public institution. Credit is not awarded based on job descriptions, life experience, or course work that is non-academic, or transfer course work from a non-regionally accredited institution included within a baccalaureate degree earned from a regionally accredited institution.

Accredited Institutions

For the purposes of this Undergraduate Catalog, “Accredited Institutions” means those colleges and universities accredited by any of the following six regional associations:

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

The accreditation status of all foreign institutions must be evaluated through either Josef Silny and Associates, Inc. or World Education Services.

All college level credits earned for which official transcripts have been submitted will be compiled into a “Transfer Summary Report” (TSR) soon after the student is offered admission. Some credits listed on the TSR may not be applicable toward graduation course requirements. The TSR will be the basis for constructing a Degree Audit, which applies earned credits to the intended degree program. The Degree Audit provides the student with an assessment of which degree requirements have been met and what remains to be satisfied. Although all college-level course work transferred from a regionally accredited institution is shown on the TSR and the UCF transcript, applicability of the course toward a degree requirement is determined by the college/school/department of the major.

General Education Transfer Credits

Transfer students from a Florida College System institution or state university may satisfy the General Education Program requirements of UCF by completing the general education program prescribed by that institution. Transfer applicants with incomplete general education programs will have their credits evaluated on a course-by-course basis.

Credits from Private and Out-of-State Institutions

Transfer credit from private junior and senior colleges and out-of-state institutions will be evaluated on a course-by-course basis. Each student must submit the necessary petition(s) to the appropriate office(s) to determine which courses will transfer with regard to degree progress at UCF. Transfer courses that meet the requirements of the General Education Program and the Gordon Rule are determined through the process described in the “Undergraduate Degree Requirements” chapter of this Undergraduate Catalog. Petition procedures vary by college. Generally the petitioning of transfer courses for satisfaction of college and major requirements should be done during the second full term of the student’s residency at UCF, so that the accepted transfer courses are understood clearly by the student and the faculty advisor early in the student’s tenure at UCF.

Credits from Military Service School Courses

Completed military service school courses may be evaluated on the basis of the recommendations of the American Council of Education (ACE) when official credentials have been properly presented. While credit may be granted when courses are equivalent to those offered by the University, recommendations by the ACE are not binding upon the University. Even though military records may have been evaluated by another regionally-accredited institution, it is important to have official credentials sent to UCF for evaluation. Credit is not awarded for basic training.

Baccalaureate Honors

Transfer students should be aware that eligibility for graduation with baccalaureate honors requires the completion of a minimum of 48 credit hours at UCF and is based upon an overall grade point average (including all transfer credit). For more details, refer to 'Academic Honors' within the "Academic Regulations and Procedures" section of this Undergraduate Catalog.
Students should have a complete financial aid file at least 60 days prior to the beginning of the semester. Students who apply late for aid should be prepared to cover their own living expenses, out-of-pocket, well into the term.

A broad range of scholarships is available with diverse criteria. Please review the Scholarship Listing on the website for specific deadline dates for individual scholarships.

### Application Procedures

- **The FAFSA can be filed electronically at [http://www.fafsa.ed.gov](http://www.fafsa.ed.gov);**
- **Using the IRS Data Retrieval Tool in the online FAFSA application is the fastest, easiest, and most secure method of providing the required tax information.** Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide verification of tax information. Students who are selected for Verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, will be required to submit IRS tax return transcripts to verify tax information. Per federal regulations, copies of income tax returns (Form 1040, 1040EZ, etc.) are no longer acceptable. The only exceptions to this rule include those who file tax returns in Puerto Rico or foreign countries;
- **Messages on the Student Aid Report (SAR) should be reviewed thoroughly;**
- **Review all correspondence, follow instructions on the Student Aid Report (SAR), and follow through within 5 – 10 business days.** Delays can be costly as well as frustrating;
- **Federal regulations require that some students be selected for Verification.** If selected, students will be required to provide documents supporting the information submitted on the FAFSA. Subsequent requests for data may be necessary after initial submissions are reviewed. Prompt response to requests will expedite completion of this process;
- **Offered federal funds and other need-based financial aid are considered estimates until Verification is complete and all necessary corrections have been made.**

### Specific Eligibility Requirements and Conditions for Receiving Financial Aid

- **Students must be accepted and classified as degree-seeking at UCF in an eligible program of study.** Only courses toward degree requirements count for financial aid purposes;
- **Students must maintain UCF’s Standards for Satisfactory Academic Progress;**
- **Students are required to inform the Office of Student Financial Assistance of any additional sources of aid they expect to receive beyond those listed on the award notification or award information provided on the Student Center on myUCF.** Any subsequent awards or income may necessitate a revision of the financial aid package. This includes, but is not limited to, any private scholarships or third party tuition payment/waivers;
- **Students may not receive aid in excess of their Cost of Attendance** (See [http://finaid.ucf.edu/applying/app_costs.html](http://finaid.ucf.edu/applying/app_costs.html) for more information);
- **Students must not be in default on any federal educational loan or owe repayment on a federal grant at this or any other institution;**
- **Students must provide all information requested for the completion of their file.** If selected, Verification must be completed within specified deadlines and prior to the receipt of all federal and most state and institutional funds;
- **Students must notify the Office of Student Financial Assistance of any changes in their housing status, household size, or family members in college from that listed on their FAFSA;**
Student Financial Assistance

- Students must reapply annually for financial aid;
- Students must accept, reduce or decline offered loan(s) on the myUCF View Financial Aid screen. First time borrowers must complete an online Entrance Counseling and Master Promissory Note (MPN) for a Federal Direct Stafford Loan at UCF;
- Students must be U.S. citizens or an eligible non-citizens, (e.g. resident aliens). Eligible non-citizens include a permanent U.S. resident with a Permanent Resident Card (I551); a conditional permanent resident with a Conditional Green Card (I-551C); as well as some I-94 classifications;
- Students must have a high school diploma or GED certificate;
- For need based programs, students must show financial need as determined by the FAFSA;
- Male applicants must be registered with Selective Service, if applicable.

Program Eligibility Charts
To ensure enrollment in sufficient hours for the various financial aid programs, please refer to the Program Eligibility Charts on the website, under Receiving Aid.

Helpful Hints
- Apply early to be considered for the full range of financial aid available each year by completing the Free Application for Federal Student Aid (FAFSA)/Renewal FAFSA. The processed results of the FAFSA must be received by UCF from the federal processor by March 1 to meet the university’s application priority date;
- Use the IRS Data Retrieval Tool in the online FAFSA application. Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide verification of tax information. Students who are selected for Verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, will be required to submit IRS tax return transcripts to verify tax information. Per federal regulations, copies of tax returns (Form 1040, 1040EZ, etc.) are no longer acceptable. The only exceptions to this rule include those who file tax returns in Puerto Rico or foreign countries;
- Start a folder to save financial aid information and photocopies of all documents filed and received. Include student’s name and PID on all documents submitted. (Do not submit originals; documents will be shredded after scanning.)
- Activate Knights Email account. Check it regularly to avoid missing important and critical information from the Office of Student Financial Assistance and the university;
- Complete all items necessary to apply for both a Federal Pell Grant and a Federal Direct Stafford Loan, even if it doesn’t seem advantageous at the time. The law requires that students be considered for a grant before a loan is offered;
- Respond promptly to all information requests;
- If there are extenuating circumstances or problems at any time, you may visit the office during normal business hours or call the appointment line, 407-823-5285, to meet with a counselor;
- Comprehensive financial aid information can be found on the website: http://finaid.ucf.edu.

School Costs
Estimated student budgets have been developed as a guide to help students anticipate their costs at UCF. Please refer to the website at http://finaid.ucf.edu/applying/app_costs.html for the estimated Cost of Attendance.

<table>
<thead>
<tr>
<th>Estimated Cost of Attendance for 2014-2015</th>
<th>Undergraduate Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall/Spring based on 14 hours per term</td>
<td>Florida Residents</td>
</tr>
<tr>
<td></td>
<td>Living Arrangement</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tuition and Fees</td>
</tr>
<tr>
<td></td>
<td>Books</td>
</tr>
<tr>
<td></td>
<td>Room &amp; Board</td>
</tr>
<tr>
<td></td>
<td>Transportation</td>
</tr>
<tr>
<td></td>
<td>Personal Expenses</td>
</tr>
<tr>
<td></td>
<td>Total Costs</td>
</tr>
</tbody>
</table>

Financial Aid Programs Available at UCF
Financial aid comes in many forms, such as grants, loans, employment, waivers, and scholarships. The Program Eligibility Charts on the website under “Receiving Aid” list the various programs and their specific enrollment requirements. Detailed information for each program can also be found on the website under its particular title.

Grants are considered gift aid and do not have to be repaid. Only undergraduate students who have not previously received a bachelor’s degree and who demonstrate financial need may be eligible for grant programs. Awards are based on the amount of available funds and the number of eligible applicants. To be considered for grant awards, students must meet eligibility requirements and have a valid FAFSA on file at UCF.

Loans are borrowed funds that must be repaid. They provide undergraduate students with an opportunity to invest in their future. Undergraduate students must enroll for at least six hours at UCF in UCF classes to be considered for federal loans. Effective July 1, 2013, first time Federal Direct loan borrowers will be subject to a maximum time period (measured in academic years) to receive Federal Direct Subsidized Loans. Students may not receive Federal Direct Subsidized Loans for more than 150% of the published length of their academic program. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. Visit our website for details.

Federal Work Study is designed to provide students who demonstrate financial need a chance to earn money while pursuing a degree. Individual departments hire students while the Office of Student Financial Assistance determines the eligibility, award amount, and pay rate.

Scholarships are awarded based on various criteria, including financial need, campus/community activities, leadership positions, academic success, and work experience. Scholarships are designed to reward, encourage, and assist students in pursuing academic excellence and leadership roles.

Award Notification
Award notifications are mailed to first time UCF students after March 15th, while email award notifications are sent to continuing students. Initial awards may be amended due to factors such as contingent admission status, less than half-time enrollment, lack of academic progress, changes needed due to Verification, incomplete files, receipt of additional resources, etc.

Financial aid awards will be based upon the student’s financial need, the amount of available funds, the number of UCF students who qualify for aid, and the date the student completes the application process. The amounts listed on the award notifications are estimates based on full-time enrollment. For purposes of financial aid, enrollment is based solely on classes that count toward degree completion. If a class is not required to earn a degree, then the hours of that class are not used to calculate a student’s eligibility.

Admission to UCF must be finalized with no contingencies. Students must be classified as degree-seeking.

Financial Aid comes in many forms, such as grants, loans, employment, waivers, and scholarships. The Program Eligibility Charts on the website under “Receiving Aid” list the various programs and their specific enrollment requirements. Detailed information for each program can also be found on the website under its particular title.

Grants are considered gift aid and do not have to be repaid. Only undergraduate students who have not previously received a bachelor’s degree and who demonstrate financial need may be eligible for grant programs. Awards are based on the amount of available funds and the number of eligible applicants. To be considered for grant awards, students must meet eligibility requirements and have a valid FAFSA on file at UCF.

Loans are borrowed funds that must be repaid. They provide undergraduate students with an opportunity to invest in their future. Undergraduate students must enroll for at least six hours at UCF in UCF classes to be considered for federal loans. Effective July 1, 2013, first time Federal Direct loan borrowers will be subject to a maximum time period (measured in academic years) to receive Federal Direct Subsidized Loans. Students may not receive Federal Direct Subsidized Loans for more than 150% of the published length of their academic program. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. Visit our website for details.

Federal Work Study is designed to provide students who demonstrate financial need a chance to earn money while pursuing a degree. Individual departments hire students while the Office of Student Financial Assistance determines the eligibility, award amount, and pay rate.

Scholarships are awarded based on various criteria, including financial need, campus/community activities, leadership positions, academic success, and work experience. Scholarships are designed to reward, encourage, and assist students in pursuing academic excellence and leadership roles.

Award Notification
Award notifications are mailed to first time UCF students after March 15th, while email award notifications are sent to continuing students. Initial awards may be amended due to factors such as contingent admission status, less than half-time enrollment, lack of academic progress, changes needed due to Verification, incomplete files, receipt of additional resources, etc.

Financial aid awards will be based upon the student’s financial need, the amount of available funds, the number of UCF students who qualify for aid, and the date the student completes the application process. The amounts listed on the award notifications are estimates based on full-time enrollment. For purposes of financial aid, enrollment is based solely on classes that count toward degree completion. If a class is not required to earn a degree, then the hours of that class are not used to calculate a student’s eligibility.

Admission to UCF must be finalized with no contingencies. Students must be classified as degree-seeking.

Verification, if required, must be completed. Students must meet the Standards for Satisfactory Academic Progress. If all eligibility is met, financial aid funds may be awarded.

It is the student’s responsibility to be aware of minimal requirements for each program, which can be found on the Program Eligibility Charts on the website. When requirements are no longer met, awards will be adjusted as necessary and will update on myUCF. All awards are subject to change.

Deferrals of Tuition and Fees
Deferrals allow for the delay that normally occurs between the date that tuition and fees are due and the date on which financial aid disbursements are made, which is generally two weeks after the term begins. Students are responsible to pay any amount owed to the university that is not covered by estimated aid and/or other resources by the payment deadline. The deferment process occurs automatically if the student is meeting all general eligibility requirements and has enrolled in sufficient hours for the financial aid program’s. Please refer to the Program Eligibility Charts on the website for more information. Students should use myUCF to obtain up-to-date information. Since awards are subject to change, deferments are also subject to change. In order for loans to defer tuition and fees, students must accept the offered loan on myUCF View Financial Aid screen. In order to have access to accept loans,
all required items on the To Do List must be submitted. Students must drop classes prior to the end of Drop/Swap in order not to be fee liable for those classes. If students do not drop their classes, a financial aid deferment may keep the classes active even if they never attended.

**Disbursements**

Timeliness of disbursements is contingent upon students meeting all conditions for receiving aid. Disbursement of financial aid begins the second week of the semester and continues each week thereafter. At the end of the Drop/Swap and Add period, awards are adjusted based on the student’s enrollment. The week following, the disbursement process is initiated by moving students' awards to the student's account. Once funds are disbursed to the Office of Student Account Services, the disbursement record is posted on myUCF under “View My Account” on the Student Center. Charges appearing on the student’s account will be deducted at that time. Any remaining financial aid will be processed as a refund with the exception of any Federal Direct PLUS Loan for Parents, which will be disbursed to the parent at their mailing address. If charges remain on the account after disbursements, or if subsequent charges are made to the student's account, it is the student's responsibility to ensure they are paid. Students signed up for direct deposit should allow up to four business days for funds to show in their bank account. For refund checks that are being mailed, students should allow at least a week to receive their check at their current mailing address on myUCF.

Students should be aware of the disbursement process so that they are prepared to use their personal savings for anticipated expenses such as books and supplies at the beginning of the term. The Short Term Advance (STA) for Books or the Textbook Purchase Program is available for students to help with these expenses. The STA application is available for download prior to each term, so that funds may be available as early as two weeks before the first day of classes. For additional information regarding these two programs, visit http://finaid.ucf.edu/receiving/funds_for_books.html.

**Satisfactory Academic Progress (SAP)**

Federal regulations require the University to establish Standards of Satisfactory Academic Progress as a general eligibility requirement for financial aid. A student must maintain satisfactory academic progress in a course of study regardless of whether the student previously received financial aid or transferred in from another institution.

To meet the standards adopted by the University of Central Florida, a student must:

- Complete a minimum of 70% of all credit hours attempted including accepted transfer hours. Compliance of this requirement is checked at the end of each term. Students who do not earn 70% of all credit hours attempted will be placed on financial aid warning for the next term/semester. At the end of the following semester, students must meet the 70% standard or aid will be canceled for future terms until student either meets the standards or the student has an appeal approved placing them on financial aid probation with an academic plan on file demonstrating the requirements for the student to get back on track towards graduation.
- Graduate within the number of hours allowed by the Satisfactory Academic Progress policy. Students are allowed a specific number of attempted hours, based on their classification. This includes transfer hours accepted toward the degree plus all UCF hours (see chart below).
- Repeated course/s, including the original attempt, will be counted towards the maximum time frame and hours completion ratio requirements.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Maximum Hours Allowed For Completing Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate (All undergraduates, including Second Degree)</td>
<td>Undergraduate 180 Attempted Hours (including all undergraduate level hours)</td>
</tr>
<tr>
<td>Masters</td>
<td>70 Attempted Hours</td>
</tr>
<tr>
<td>Specialist</td>
<td>100 Attempted Hours (including all graduate level hours)</td>
</tr>
<tr>
<td>Doctoral</td>
<td>120 Attempted Hours (including all graduate level hours)</td>
</tr>
</tbody>
</table>

Re-establishing Eligibility after Cancellation

Any student with extenuating circumstances, (i.e., death of a relative, an illness or injury of the student, etc.), who is placed on cancellation status may appeal to the Financial Aid Review Committee for reinstatement based on his/her special case.

If the student was canceled for the failure to complete 70% of the attempted hours and since cancellation, has brought up the percent to the minimum of 70%, the student will be reinstated during the end of the semester review process. If a student was canceled for not meeting the GPA requirement, they will be placed back on a reinstated status once their GPA has been brought up to the required level during the end of the semester review process.

To appeal, the student must:

- Complete the Satisfactory Academic Progress Appeal Form; (available at http://finaid.ucf.edu, under Forms).
- Attach documentation supporting specific circumstance(s) to the appeal form;
- Meet with Academic Advisor and to complete an Academic Plan for Financial Aid;
- Submit the appeal and the supporting documentation to the Office of Student Financial Assistance. After a thorough evaluation of the written request and all supporting documentation, the Financial Aid Review Committee will notify the student of the decision by email communication or the student may view the updated status on myUCF, under View Financial Aid Status.


**Satisfactory Academic Progress Probation**

Students who submit a SAP Appeal that is approved will be placed on Financial Aid Probation, and will be continued on probation as long as they successfully comply with the prescribed academic plan that is submitted as part of the SAP Appeal. Progression will be monitored during the probationary period at the beginning and end of each semester to ensure the student is following the prescribed academic plan and successfully matriculating through their program of study. Disbursements will not be made for a semester unless it is verified that the prior review (if applicable) was acceptable and student is in the proper classes for the term in question. All probation students must successfully complete a minimum of 70% of the credit hours that they attempt each semester. In addition, students on probation for GPA and/or completion ratio must make positive progression in the appropriate area(s).

**Transfer Students**

Be informed. Not all financial aid programs are transferable and eligibility for some programs will be determined by UCF. The application process must be complete; pay close attention to priority filing dates. If a FAFSA for the year in question has already been filed, request that the federal processor forward the information to UCF, School Code 003954, by utilizing Part II of the Student Aid Report, by adding the UCF School Code to the online FAFSA, or calling the Federal Student Aid Information Center at 1-800-4 FED AID. The To Do List on myUCF will indicate any required forms.

**Independent Students**

You will be classified as independent for financial aid purposes if at least one of the following applies:

- you are 24 years of age or older by December 31 of the award year;
- you are married at the time the original FAFSA was filed for the year;
- you are or will be enrolled in a master’s or doctorate degree program (beyond a bachelor’s degree) at the beginning of the academic year;
- you have children who receive more than half their support from you;
- you have dependents (other than your children or spouse) who live with you and who receive more than half their support from you and will continue to receive more than half their support from you through June 30th of the school year;
- you are currently serving on active duty in the U.S. Armed Forces for purposes other than training;
- you are a Veteran of the U.S. Armed Forces. (“Veteran” includes students who have engaged in active duty (including basic training) in the U.S. Armed Forces, or are a National Guard or Reserves enlistee who was called to active duty for other than state or training purposes, or were a cadet or midshipman at one of the service academies, and were released under a condition other than dishonorable.)
Student Financial Assistance

- at age 13 or older, both your parents were deceased, you were in foster care or you were a dependent/ward of the court;
- you are an emancipated minor as determined by a court in your state of legal residence;
- you are in legal guardianship as determined by a court in your state of legal residence;
- your high school or school district homeless liaison determined you were an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless;
- you were determined, by the director of an emergency shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development, to be an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless; or,
- you were determined, by the director of a runaway or homeless youth basic center or transitional living program, that you were an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless.

Transient Enrollment

Students who have been approved to take classes at another institution while attending UCF might have those hours counted toward meeting financial aid requirements for some programs at UCF. Courses taken elsewhere must meet some major or general education requirements to be calculated as part of student aid eligibility. Transient enrollment will not meet eligibility criteria for institutional aid programs, such as UCF Grant, UCF Scholars Award or Pegasus Scholarships. Check the Program Eligibility Chart for detailed requirements for each program. Students who expect to receive funds under any of the federal loan programs must enroll for a minimum of six undergraduate hours at UCF in UCF classes to meet eligibility requirements.

UCF students attending a Florida public community/state college or university must complete the Transient Student Admission Application through Florida Virtual Campus at http://www.flvc.org.

UCF students attending any college or university other than a Florida public institution must submit the following documents to the Office of Student Financial Assistance or before the withdrawal deadline of the term in which aid is to be disbursed:

1. Transient Notification Form for Financial Aid for Out of State and Private Institutions.
2. A copy of the Fee Invoice and Class Schedule from the transient (host) Institution.
3. A copy of the Transient Student Approval Form with required signatures from Academic Advisor, Academic Services (if required) and UCF Registrar’s Office.
4. A completed Consortium Agreement Form signed by the transient school’s Financial Aid Office.

Students who are enrolled in transient hours must make arrangements to pay tuition and fees at the visited school since there is no system for deferral of those tuition and fees. In addition, it is the student’s responsibility to ensure that the visited school promptly provides the UCF Registrar’s Office with academic transcripts at the conclusion of the term, confirming that the attempted hours are completed. This will help avoid Satisfactory Academic Progress problems.

Students may not receive financial aid from two institutions at the same time. Students must decide which of the two institutions is the primary school at which they are degree seeking and apply for aid there. Any inaccuracy will result in a mandatory repayment to one of the two schools for the overpayment.

Over Awards
An over award occurs when a student’s award package has exceeded either the unmet need or Cost of Attendance. To prevent over awards, students are required to notify the Office of Student Financial Assistance of any potential awards not already listed on the student’s financial aid award summary on the Student Center in myUCF. In the event of an over award, a student’s award package is reduced to eliminate the over award, which may result in a repayment of the over award.

Refunds and Return of Title IV Funds
Students should be aware that if they do not begin attendance or completely withdraw from the university after having received financial assistance, they may be required to repay a portion of that assistance. Students who received Federal Direct Stafford Loans should also know that the Registrar’s Office is required to notify the National Student Loan Data System (NSLDS) of student withdrawals.

Professional Judgment
The formula used to determine eligibility for federal student aid is basically the same for all applicants. However, in some cases, special circumstances may be taken into consideration. Students with extenuating circumstances should schedule an appointment to review the situation with a counselor. If a student presents extenuating circumstances, an appeal can be submitted to include support documentation for review. The appeal will be reviewed and a decision will be made through the Professional Judgment process.

Repeated Coursework
The US Department of Education has passed a regulation which impacts students who repeat courses. Students may only receive federal financial aid funding for one repetition of a previously passed course. As a result, any repeated course/s that the student enrolls in (current or future terms) cannot be used in the calculation of his/her enrollment level for financial aid purposes for that particular term, regardless of whether or not financial aid was received for the course(s). The repeated course(s), including the original attempt, must be counted towards maximum time frame and hours completion ratio requirements for Satisfactory Academic Progress purposes, which can impact a student’s financial aid eligibility. For detailed information, you may visit http://finaid.ucf.edu/receiving/repeat_coursework.html.
Student Account Services
Senior Associate Controller: Dan Mayo
MH 109; 407-823-2433,
Email: stuacctcs@ucf.edu
http://www.studentaccounts.ucf.edu/

General Information
Student Account Services is here to serve the students who attend the University of Central Florida by maintaining accurate financial records and communicating with students concerning their accounts. The Student Account Services office is responsible for:
- Tuition and Fee Assessment/Refunds
- Processing Payments
- Overdue payment and institutional loans collection (Loans and Collections)

Schedule of Fees
Note: 2014-2015 tuition and fees had not been established at the time of this publication. Rates for the 2014-2015 academic year will be available in July 2014 at http://tuitionfees.smca.ucf.edu/. Fees are subject to change without notice.

Tuition and Fees: Tuition and fees are established by the State Legislature and the University Board of Trustees and are subject to change without notice. Fees are affected by residency status. Tuition and fees are charged per semester or term for main campus, regional campuses, and continuing education courses. Tuition is assessed on a per credit hour basis. Students classified as zero-hour registration students are assessed one credit hour at the Florida Resident Tuition rate at the course level for which the student is registered.

Tuition Fee Invoice: A student’s Fee Invoice will show all tuition and fee charges, payments and deferments associated with the term, and courses in which the student is currently enrolled. The Fee Invoice will not show fees such as housing, library, parking, etc. Fee invoices are available 24/7 on the web https://my.ucf.edu, and from the student's college advising offices. Students should review their current Tuition Fee Invoice prior to making a payment. Tuition Fee invoices are not mailed. The Tuition Fee Invoice should be reviewed once after initial registration of courses and also after making any changes to the initial registration to ensure that the fees are adjusted accordingly.

Fee Payment Deadlines: All University tuition and fees must be paid by the published dates. Tuition and fees not paid or deferred by the payment deadline for each term will result in late fees and may result in the cancellation of all classes. Refer to the Academic Calendar each term for the fee payment deadlines.

Limited Non-Degree Enrollment Classes: Payment guidelines for Limited Non-Degree enrollment classes can be found on the “Registration Form for Non-Admitted Students.” It is the student’s responsibility to officially drop from courses to avoid additional financial obligations.

Student Financial Responsibility Statement
Registration at UCF requires students to acknowledge the following financial responsibility statement:
“I understand that I will be responsible for tuition and fees for all courses that remain on my record after the drop deadline and that the courses will be graded.
I accept responsibility for payment of my term tuition and fees by the published deadline. I understand that if I do not pay my tuition and fees or do not pay these fees by the deadline, I will be charged a $100 Late Payment Fee, my records will be placed on hold, my account will be referred to a collection agency, and I agree to reimburse the fees of any collection agency, which may be based on a percentage of the debt collected, and all costs and expenses, including reasonable attorneys’ fees incurred in such collection efforts.”

The deadline to DROP classes without incurring a W Grade and Fee Liability will be one day earlier than the deadline to ADD classes. Please consult the Academic Calendar or the Enrollment Bulletin Board in Student Self Service for these deadlines.”

Note: The Fall 2014 Financial Responsibility Statement had not been established at the time of this publication.

Payment Procedures
Payment must be received or postmarked no later than the fee payment deadlines as specified on the Academic Calendar. The primary form of payment of most account holders is on-line through the E-pay system via the myUCF portal. Students can pay using a check or a credit card in this system. Payments cannot be transacted by telephone.

Acceptable forms of payment:
Personal Checks
Credit Cards (Acceptable credit card types are American Express, MasterCard, and Discover). Please review the Student Account Services website at http://www.studentaccounts.ucf.edu/ for current payment information.

E-Pay - https://my.ucf.edu – E-Check (Personal Check) or Credit Card
A nonrefundable convenience fee will apply per credit card transaction.
Payments made at any time on the published fee payment deadline will be considered on time.

E-Pay process:
Sign in the myUCF portal as usual then click on the link for Student Self Service; this will open your Student Center page. Use the right scroll bar to scroll to the Finances section. You will find the My Account section.
Click on the link for the Tuition Fee Invoice. Select the current term (i.e. Sum 2013, Fall 2013, or Spring 2014). The Fee Invoice will provide you your schedule, the charges, the Amount Due and deferrals.
Annotate the Amount Due as you will need that amount once you are on the E-Pay system.
Scroll down to the bottom of the page and click on the Due Charges/E-Pay link to make a payment.

Mailed payments: (Please do not send cash)
- Include student’s name and PID# on personal checks or money orders (make check payable to University of Central Florida)
- Address payments to:
  University of Central Florida
  Student Account Services
  Attn: Payment Processing
  P.O. Box 160115
  Orlando, FL 32816-0115

Payment Drop – 24-Hour Depository at main campus (located on Reflecting Pond side entrance of Millican Hall) (no cash)

Other Forms of Payment
Tuition and fees may be partially or completely paid by financial aid, Florida Prepaid, tuition waivers, or departmental grants. The student is responsible to pay any amount that is not covered by these types of payments by the due date on his or her fee invoice.

Financial Aid – see Student Financial Assistance for rules and procedures. All fees not deferred by financial aid are due by the due date on his or her fee invoice.

For information regarding Florida Prepaid College Plan or Tuition Waivers, please refer to the Student Account Services website at http://www.studentaccounts.ucf.edu/.

Tuition and Fees for Senior Citizens
Persons 60 years of age or older who meet Florida residency requirements may register to audit classes on a space-available basis without payment of tuition and application fees. Registration is on a space-available basis; see the appropriate term’s Academic Calendar http://calendar.ucf.edu for registration dates and times. The tuition fee waiver cannot be used for courses that require increased costs (such as thesis, dissertation, and directed individual study). A “Florida Residency” Affidavit is required to establish Florida residency. A completed “Student Health History” form must be filed prior to registration. Inquiries should be directed to the Registrar’s Office (MH 161; Telephone: 407-823-3100).

Refund of Fees
A refund of fees will be processed under the conditions noted below. The student must submit a written appeal for a refund or other appeal action to the University within six months of the close of the semester/term to which the refund or other appeal action is applicable. Any debts to the University will be deducted from the refund, up to the full amount.

Full Refund Eligibility
The following conditions allow a full refund: 1) A class is dropped prior to the end of the Drop period; 2) Cancellation of a course by the University.
Student Tuition and Fees

Partial Refund (25%) 25% of tuition and associated fees assessed and paid, adjusted for waivers is refundable when the student withdraws completely from the University prior to the end of the fourth week of classes during a 16 or 17 week semester, or at the end of the first quarter of classes during a summer session.

A written appeal for a refund or other appeal action must be submitted to the University within six (6) months of the close of the semester to which the refund or other appeal action is applicable.

Exceptional Circumstances

Refunds for exceptional circumstances may be available for certain Administrative Record Changes of courses. Up to 100% of tuition and registration fees are refundable if due to circumstances determined by the University to be exceptional, including, but not limited to, sickness, death, involuntary call to military service, or University administrative error. If approved, a Late Withdrawal does not result in a refund of tuition and fees. Please visit the Academic Services website for more information.

A written appeal for a refund or other appeal action must be submitted to the University within six (6) months of the close of the semester to which the refund or other appeal action is applicable.

Direct Deposit

Students are strongly encouraged to establish direct deposit with the University. Direct Deposit prevents delays due to lost checks or changes of address. All refunds from students’ accounts can be directly deposited into the student’s checking account to any U.S.A. bank in the federal system. Funds are usually available within 24-48 hours after disbursement, and enrollment only takes a few minutes. To enroll, sign in at https://my.ucf.edu and click on Student Self Service. Go to the Student Account Services link, then click on Direct Deposit and follow the instructions.

Past Due Accounts

All financial obligations to the University must be met. Failure to meet obligations can result in the withholding and denial of registration, diploma, transcripts and readmission to the University. The services of a professional collection agency and recourse to the courts may also be invoked if deemed necessary. All costs of collection, including attorney’s fees, are the responsibility of the debtor.

Do not assume your registration will be canceled if you fail to pay fees or attend classes. Tuition deferrals, for example, will prevent class cancellation for non-payment.

Late Fees

Late Payment Fees apply to students who do not pay their fees (or obtain a full fee deferment) by the payment deadline. The Late Payment Fee is $100 per term minimum.

Late Registration Fees are charged to students who enroll following the close of the regular registration period for the term, who re-register, or who enroll for the first time that term during Late Registration and Drop/Swap and Add period. The Late Registration Fee is $100.00 per term minimum.

Late Payment DNP (Drop for Non-Payment) Fees are charged to students who are dropped for non-payment of courses per term minimum.*

*Summer term is divided into sessions, and the late fees are charged per session.

Florida Residency for Tuition Purposes

At University of Central Florida, three offices are responsible for the review of residency for tuition purposes under Florida Statute 1009.21, F.S., State Board of Education, Rules 6A-10.044 & 6A-20.003, and Board of Governors Regulation 7.005. The offices of Undergraduate Admissions and Graduate Studies determine residency for all first-time-on-campus students; thereafter, the Registrar’s Office will review student requests for changes in residency for Undergraduate Students. The College of Graduate Studies will review student requests for changes in residency for graduate students. A first-time-on-campus student will be classified according to the information he or she includes on the application for admission, providing that no other information is available that calls into question the information contained on the application.

To qualify as a Florida resident for tuition purposes in accordance with State regulations, the student must be a United States citizen, resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the United States Citizenship and Immigration Service.

And

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

And

Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the first day of classes for the term for which resident status is sought:

1. Documentation establishing legal residence in Florida (this document must be dated at least one year prior to the first day of classes of the term for which resident status is sought). The following documents will be considered in determining legal residence:
   a. Declaration of Domicile (Note: the Declaration of Domicile will support a claim of residency for tuition purposes only after a period of 12 months from the date that the Clerk of the Court notes that the declaration was sworn and subscribed to them.)
   b. Proof of purchase of a home in Florida in which the student resides;
   c. Proof that the student has maintained residence in the state for the preceding year (e.g., leases, employment records).

2. 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 license or Florida identification;
   e. Proof of real property ownership in Florida (e.g., deed, tax receipts) where you reside;
   f. Verification of permanent employment, full-time (30 hours/week x 52 weeks) in Florida by the employer, employment records, or other employment-related documentation (e.g., W-2 paycheck receipts), other than for employment normally provided on a temporary basis to students or other temporary employment. The document must show 12 consecutive months of Florida employment prior to the first day of classes of the term for which the student requests Florida residency;
   g. Proof of membership in or affiliation with community or state organizations or significant connections to the State;
   h. Proof of continuous presence in Florida during periods when not enrolled as a student;
   i. Proof of former domicile in Florida and maintenance of significant connections while absent;
   j. Proof of reliance upon Florida sources of support;
   k. Proof of domicile in Florida;
   l. Proof of admission to a licensed practicing profession in Florida;
   m. Any other factors peculiar to the individual that tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual;
   n. Proof of graduation from a high school located in Florida.

3. No contrary evidence establishing residence elsewhere;
4. Documentation of dependent/independent status (notarized copy of most recent IRS tax return)

Be married to a person who has been a legal resident of the State of Florida for the required 12-month period and relinquish legal ties to any other state.
Residency Reclassification

The offices of Undergraduate Admissions and the College of Graduate Studies determine first term at UCF residency for tuition purposes for all newly admitted students. Thereafter, the Registrar's Office will review student requests for changes in residency for Undergraduate Students. The College of Graduate Studies will review student requests for changes in residency for graduate students. The Registrar's Office cannot review student requests for residency reclassification to be effective with the student's first term of enrollment, only subsequent terms.

To request a residency review, the student must submit a completed "Residency Reclassification Application and Affidavit" and supporting documents to the Registrar's Office (MH 161) or Graduate Studies (MH 230). This form is available either at the Registrar's Office or online at http://Registrar.ucf.edu. This form must be accompanied by copies of all documents that support the student's Florida residency claim. Residency reclassification requests are subject to Florida Statute 1009.21, F.S., State Board of Education, Rules 6A-10.044 & 6A-20.003, and Board of Governors regulation 7.005. In addition, University policy requires students requesting residency reclassification to provide documentation establishing that they have income or personal sources to meet financial obligations of attendance and living expenses. Contact the Registrar's Office at 407-823-3100 for additional information regarding all residency reclassification requirements.

When building a case for Florida residency for tuition purposes, the student must submit documents from a variety of categories. Students may consult the Registrar's Office before submitting the reclassification request and supporting documents. The submission of documents in itself does not qualify the student for Florida residency for tuition purposes. The Registrar's Office will evaluate the submitted documents and available information and will render an eligibility determination. UCF is authorized to make discretionary judgments as to whether within the bounds of the law and in reaching this professional judgment will evaluate all documents submitted and information available. No single document shall be conclusive.

Students seeking residency reclassification should understand that living in or attending college in Florida does not automatically establish residency in Florida for tuition purposes. The student who comes to Florida to enroll in a Florida post-secondary educational institution as an out-of-state resident and continuously enrolls in a Florida institution normally will not meet the Florida residency requirement for in-state tuition regardless of the length of time enrolled. Living or attending school in Florida merely evidences physical presence. The student must provide documentation verifying that he or she has formed significant legal ties to the State of Florida. This documentation must establish that the Florida residence constitutes a bona fide domicile rather than serving the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education. Evidence establishing legal ties to states other than Florida may disqualify the student from Florida residency for tuition purposes. All determinative documents must be dated at least 12 months before the first day of class for the term in which residency is sought.

Students entering the second term of enrollment at UCF or later who believe that they qualify for Florida residency must submit the "Residency Reclassification Application and Affidavit" and all documents to the Registrar's Office (MH 161) or Graduate Studies (MH 230) prior to the close of "Late Registration and Add period" for the term in which Florida residency is requested. Approved residency reclassification will not be applied retroactively to previous terms.

The Registrar's Office or Graduate Studies may require additional documentation beyond that initially submitted by the student or the claimant before it can render a reclassification eligibility determination and it will not complete its review of the residency reclassification application until both the student and the claimant have submitted all requested documents.

All readmitted students are required to submit copies of two documents (more may be requested) such as, driver's license, vehicle registration, and/or voter registration, to verify that they qualify and to update residency information on file. Requests for proof of residency for UCF students looking to transfer or become transient students at another institution must be submitted in person or in writing.

UCF is authorized to make discretionary judgments as to residency within the bounds of the law and in reaching this professional judgment will evaluate all documents submitted and information available. Students who feel an erroneous decision was made regarding their residency reclassification may request an appeal in writing to the UCF Residency Appeals Committee through the Registrar's Office.
Division of Student Development and Enrollment Services (SDES)

Vice President for Student Development and Enrollment Services:
Maribeth Ehasz
MH 282; 407-823-4372
http://www.sdes.ucf.edu

Introduction
The Division of Student Development and Enrollment Services (SDES) engages students in the total collegiate experience; from identification, recruitment, matriculation and investment, to successful progression, graduation, and employment in a global workforce. This is accomplished by providing opportunities for enriched student development, leadership growth, experience-based learning, values education and civic engagement which lead to overall student success.

SDES affirms that the student who comes to UCF should not be the same student who graduates from UCF. We embrace the tenets of the UCF Creed – Integrity, Scholarship, Community, Creativity, and Excellence as a framework for developing student learning outcomes to facilitate transformational learning.

Goals of the division are to:
- Promote student progression to graduation, graduate and professional school, and productive employment.
- Create opportunities for students to develop and strengthen leadership skills.
- Assist students to further develop purpose, integrity, ethical practices, and civic responsibility.
- Embrace diversity and inclusiveness.
- Foster student engagement in the Central Florida citi-state and the global community.

The Division of Student Development and Enrollment Services is comprised of the following areas:

Academic Services for Student-Athletes (ASSA)
Director: Kimya Massey
WDSC I; 407-823-5896
Email: assa@ucf.edu
http://assa.sdes.ucf.edu

The Office of Academic Services for Student-Athletes, which is housed within the Division of Student Development and Enrollment Services works in collaboration with the Athletics Department to assist student-athletes in their efforts to establish and achieve their personal, professional and academic goals. In addition, ensure that they understand what is needed to maintain their NCAA Division I academic-athletic eligibility, as well as adhere to the American Athletic Conference and UCF rules, regulations and procedures. Lastly, ASSA assists student-athletes as it relates to the career development process.

ASSA services include:
- Providing transition services that promote the academic success of student-athletes;
- Guiding student-athletes in their selection of meaningful and appropriate major and minor fields of study;
- Assisting student-athletes with course registration, understanding of policies and procedures, and tracking progress towards degree completion;
- Organizing study halls, academic mentoring, and tutorial services;
- Directing students to utilize the full spectrum of other university services;
- Preparing student-athletes in their career planning and development;
- Assisting learning-disabled student-athletes with assessments and accommodations; and,
- Providing student-athletes with computer access and services.

Activity and Service Fee Business Office
Director: Richard Phillips
SU 215; 407-823-5548
Email: asf@ucf.edu
http://asf.sdes.ucf.edu

The Activity & Service Fee Business Office services the purchasing, accounting and personnel needs of Activity & Service Fee funded departments and agencies and provides a variety of services to UCF students. The Activity & Service Fee Business Office is also a support office for registered student organizations and UCF students that are allocated Activity & Service Fee funds by the Student Government Association. The office also administers an online financial training workshop for registered student organization officers and their faculty/staff advisors.

In addition, the office manages the Student Government Ticket Center which sells a variety of specially-priced tickets to local theme parks, movie theaters and attractions. The Student Government Ticket Center is also an authorized TicketMaster Retail Outlet. The office also oversees the operation of the Student Government Computer Lab located on the second floor of the Student Union and the Student Government Express Print Lab located on the first floor of the Student Union. The Student Government Computer Lab has 42 computer stations available and the Student Government Express Print Lab has 24 computer stations available and provides limited free printing to currently enrolled students.
Career Services
Executive Director: Lynn Hansen
CSEL; 407-823-2361
Email: career@ucf.edu
http://career.sdes.ucf.edu

Career Services offers a comprehensive range of services to help UCF students of any major reach their academic and career goals with a talented staff of career professionals. These comprehensive services are designed to help first year through graduate students with all phases of career development to include:

- Major and Career Choices
- Academic and Career Information
- Resumes and Cover Letters
- Interviewing Skills
- Job Search Strategies
- Employment Assistance (Career Fairs, On-Campus Recruiting, and Job Postings)
- Graduate School Information

These programs and services are available through drop-in assistance, scheduled appointments, workshops, and major events.

Counseling & Psychological Services (CAPS)
Director: Karen Hofmann
CAPS; 407-823-2811
Email: counctr@ucf.edu
http://caps.sdes.ucf.edu/

Counseling and Psychological Services (CAPS) serves currently enrolled UCF students seeking assistance with developmental and mental-health related concerns by offering a wide variety of services and programs. CAPS is composed of professional staff including psychologists, mental health counselors, social workers, and counselors-in-training who provide a confidential atmosphere and a safe environment in which students can explore and resolve personal concerns and issues. CAPS also provides advanced training and supervision for graduate students in doctoral and masters counseling programs. CAPS is open Monday through Thursday 8 a.m. - 6 p.m. and Friday 8 a.m. - 5 p.m. during fall and spring semesters and Monday through Friday 8 a.m. - 5 p.m. during the breaks and summer semesters.

CAPS offers:
- Short-Term Individual Therapy
- Group Therapy and Workshops
- Crisis Intervention and Walk-In Appointments
- *Crisis afterhours hotline: 407-823-2811 Press #5
- Couples Therapy (*both need to be UCF students)
- Outreach Presentations and Workshops
- Consultation to Faculty, Staff, Parents, and Students
- Referral Services to community and campus resources

For additional information, visit the CAPS website at http://caps.sdes.ucf.edu/.

Creative School for Children
Director: Amy Hesse
CSC1; 407-823-2726
Email: csc@ucf.edu
http://csc.sdes.ucf.edu

The Creative School for Children is an Educational Research Center for Child Development that provides quality early learning experiences for children ages 2 to 5 years old. The school is accredited by the National Association for the Education of Young Children (NAEYC) and is certified Florida Gold Seal. The learning environment in the Creative School classroom is facilitated by highly skilled, degreed teachers who offer a wide variety of experiences through the implementation of the Creative Curriculum, the Project Approach and Conscious Discipline in art, music, language, motor skills, science, math, social studies, perceptual development, socialization, and self-discovery. Planned field trips and special family programs are part of the annual schedule. Creative School offers the Florida State Voluntary Pre-K (VPK) program for age eligible four-year-old children and now offers an evening program for children ages 2 to 12 years and Summer Camp for children 6-12 years old. Evening care runs concurrently with the UCF and Creative School academic calendar. Experiences in observation, volunteerism, and training in the academic areas are available to university students and opportunities for educational research are available to university faculty, undergraduate and graduate students. The school enrolls children of university students, employees of the university, and community members.

Operating hours are 7:30 a.m. to 5:30 p.m., Monday through Friday. Evening program hours are 5:30 p.m. to 9:15 p.m., Monday through Thursday during the fall and spring semesters.

First Year Advising and Exploration (FYAE)
Director: Stephen O’Connell
HPH 116; 407-823-3789
Email: fy@ucf.edu
http://fyae.sdes.ucf.edu/

UCF recognizes that starting in a new learning environment can present many challenging life transitions for incoming freshman students. First Year Advising and Exploration has been established to prepare and advise first-time-in-college students not assigned to other first year advising offices. The overriding mission of the office is to assist first-year students by providing numerous academic advising support services and other programs that will lead to their overall satisfaction, success and retention at UCF. Students who have not selected a major (Undeclared students) are provided focused advising support through the Major Exploration Program to assist them in the major selection process.

To fulfill this mission, each student is assigned a specific academic advisor who connects with the student through various activities such as orientation, individual appointments, outreach programs, and email and phone communication. The office focuses its efforts on providing proactive academic advising support, establishing early and regular communication, and providing outreach advising activities for first-year students residing in both on-and selected off-campus facilities. FYAE also offers academic advising at their satellite office located in Academic Village. FYAE advisors have been designated for first-year students in the EXCEL, COMPASS, Freshman LEARN living learning community, STEP, Pegasus Success, SOAR, CAP and Out of State Student Mentoring (OSSM) living learning community programs. In addition, high school students admitted to UCF as part of the Early Admission or Dual Enrollment programs are advised through First Year Advising and Exploration.

Major Exploration Program (MEP)
HPH 116; 407-823-3789
http://mep.sdes.ucf.edu

The Major Exploration Program has been developed to provide structured experiences to assist students are undecided about a major. Students are provided major exploration and career development connections as primary advising initiatives so they can make an informed decision on their future major at UCF. MEP has several components including coordinated academic advising services from a first year advising office, major and career exploration programming activities, and online assessments. The program services are also available to first-year students who are unsure about their major choice and to those considering a change of major.

First Year Experience (FYE)
Interim Director: DeLaine Priest
PH 216; 407-823-5105
Email: fye@ucf.edu
http://fye.sdes.ucf.edu

The First Year Experience office combines orientation with extended first year transition programs including UCF’s official Welcome Week: Pegasus Palooza, LINK (Learning and Interacting with New Knights), Common Reading Program, Out of State Student Mentoring Program (OSSM), and the Strategies for Success course. It assists entering freshmen and transfer students with their transition to the University of Central Florida by providing information about student services, campus life, academic support, academic advising, and registration. Every freshman and transfer student is required to attend an orientation session prior to registering for classes. Students register for the program by visiting the First Year Experience website at http://fye.sdes.ucf.edu. In addition, LINK assists FTIC students in their transition by creating, coordinating and promoting campus-wide co-curricular educational programming and activities. Students also have the opportunity to serve in a variety of leadership roles including the Orientation Team (O-Team), OSSM peer mentors, Strategies for Success course peer mentors, Pegasus Palooza executive board members, and Student Orientation coordinators. FYE also oversees the Pegasus Parent program which aims to provide parents and family members of UCF students with important information about UCF and its resources.

Family Weekend is a part of the Pegasus Parent program and occurs every fall semester during a home football game weekend.
Fraternity and Sorority Life
Director: Clay Coleman
4100 Greek Park Drive (Fraternity and Sorority Life Building); 407-823-2072
http://fraternity.ucf.edu

The Fraternity and Sorority Life office is committed to providing the best possible fraternity and sorority experience for students and the university community. This office fosters and promotes the development of active advising, leadership development, and programmatic support to engage members in high-quality undergraduate fraternal experiences that reinforce the organization’s founding principles: scholarship, community service, campus involvement, and sisterhood/brotherhood. It encompasses small group living and more importantly, developmental programming for individuals, chapters, chapter alumni boards, house corporation officers, and collegiate governing boards (i.e., Panhellenic Council (PAN), Interfraternity Council (IFC), National Pan-Hellenic Council (NPHC), Diversified Greek Council (DGC), and the Greek Council).

Fraternity and Sorority Life can offer students a “home away from home,” a scholastic support system, networking opportunities, an organization for community service, transferable skills for management and leadership development, and a foundation for long-lasting friendships. You can follow what’s happening within the Greek community via our Facebook page or on Twitter. Currently, we have 47 fraternities and sororities on UCF’s campus with more than 3,500 active Greek students. Greek organizations give college men and women a chance to excel in any area they choose and include students of every race, religion, culture, and background.

Students are encouraged to take a closer look at UCF’s Greek community through participation in fraternity or sorority recruitment. The Interfraternity Council and Panhellenic Council sponsor “Recruitment” or “Rush,” which actually consists of visiting the various chapters to meet current members and to ask questions about their organizations. Diversified Greek Council (DGC) sponsors “Meet the Greeks” and the National Pan-Hellenic Council (NPHC) sponsors a Greek Expo, which allow students to become familiar with those groups and their governing bodies. Whether an individual chooses to join a fraternity or sorority, Recruitment, Greek Expo, and Meet the Greeks are excellent ways to meet people and become acquainted with involvement opportunities at the University of Central Florida.

Health Services (HS)
Director: Michael Deichen, M.D., M.P.H.
HC 309; 407-823-2701
http://hs.sdes.ucf.edu

UCF Health Services is accredited by the Accreditation Association for Ambulatory Health Care. The mission of the University of Central Florida Health Services is to provide excellent healthcare that delivers value and promotes lifelong well-being to the UCF community.

The UCF Health Center is staffed by board-certified physicians, advanced registered nurse practitioners, physician assistants, registered nurses, licensed practical nurses, certified medical assistants and a full complement of other medical support personnel who provide laboratory and radiology services. The state-of-the-art 50,000 square-foot Health Services building is centrally located on the UCF Orlando campus.

Insurance office staff will assist students with filing insurance claims. Currently, UCF HS physicians are contract in-network providers with BlueCross BlueShield PPO and Blue Options, United Healthcare, Aetna, Multicare, and Sigma health insurance plans. This entities faculty, staff, and students to use UCF HS providers for their primary care needs and realize cost savings through covered services. We will bill any insurance company as a courtesy to our patients as they may be eligible for out-of-network benefits.

UCF endorses several optional health and accident insurance plans for students. Please visit our website for additional information regarding these plans. The optional plans are separate from the health fee students are required to pay each semester. However, when purchased, the insurance may cover most of the charges incurred at the Health Center and also provides benefits for services that are beyond the scope of the campus Health Services program, such as hospital referrals and specialty care (subject to co-pays and deductibles). Charges incurred outside the Health Center are the responsibility of the student, including transport by ambulance.

The UCF Dental Center, housed within the Health Center, provides preventive, restorative and cosmetic dental services by appointment at 407-823-1635. Prices are discounted for students. The Dental Center accepts dental insurance PPO plans and payment plans are available for various treatment plan options.

Two convenient pharmacy locations on campus are staffed by pharmacists passionate about patient education and providing excellent customer service. Our main pharmacy is located in the Health Center, and a satellite pharmacy, called Knight Aide, is located within the smaller clinic at Knights Plaza. The pharmacies accept over 250 prescription insurance plans and offer competitive prices for those students who do not have insurance coverage.

When the Health Center is closed, students may obtain information and contact the Health Center by telephone message at 407-823-2701 or its website that provides access to FreeMD (the web-based interactive system to help make decisions about health needs). If the situation is urgent, students should call 911 or access one of the hospitals or walk-in clinics identified via http://hs.sdes.ucf.edu (charges for services are the student’s responsibility).

Housing and Residence Life
Executive Director: Christi Hartzler
HCAB 123; 407-823-4623
http://www.housing.ucf.edu

The Department of Housing and Residence Life offers housing on the Orlando campus and the Rosen College of Hospitality Management campus for regularly enrolled students paying tuition and fees for a minimum of nine credit hours. Living with UCF Housing is strongly encouraged, and options are available for all classes of students, from freshmen to graduate students.

Students may apply for housing immediately after being offered admission to the university. The online application process is available through myUCF. There is not enough on-campus housing for all students. Therefore, all students desiring to live on-campus should apply as early as possible. Application periods include academic-year agreements (fall/spring) with a separate application for summer or 11.5 month annual agreements (fall/spring/summer). Many types of housing are available, ranging from suite-style shared-bedroom residence halls to luxury apartments with private bedrooms and bathrooms.

Many first-year students who apply for academic year agreements will receive assignments in shared-bedroom suite-style residence halls. Private bedrooms in apartments are guaranteed only in the Towers at Knights Plaza located on the Orlando main campus, Northview, located adjacent to the main campus or the Rosen College of Hospitality Management Student Apartments, located at the Rosen Campus.

More information on the different housing options, rates, floor plans, etc. is available online at http://www.housing.ucf.edu.

Several different meal plans are available through UCF Dining Services. Information about meal plans is available online at http://www.ucfdining.com.

LEAD Scholars Academy (LEAD)
Director: Stacey Malaret
FC; 407-823-2223
http://lead.sdes.ucf.edu

The mission of the LEAD Scholars Academy (LEAD) is to establish an environment that will provide comprehensive leadership education, development, and civic engagement opportunities for the UCF community. Through collaboration and partnerships, the LEAD Scholars Academy incorporates established leadership models to create professional, academic and experiential opportunities that challenge, empower, and educate students to become social change agents and encourages citizenship in a global society.

The primary vision for the area is the development of an intentional and comprehensive program that targets specific groups, as well as provides campus-wide opportunities for students regardless of their class standing and/or level of involvement experience. Leadership programs will vary in duration from an extended program that may last several weeks or years to a one-day workshop. The focus is to provide a variety of programmatic options that recognize students have different needs, time constraints, and levels of interest.

The LEAD Scholars Academy Academic Program provides academic, service and experiential opportunities for students that combine in and out of classroom challenges in both an academic and co-curricular environment. The application process for this academic program is
open to all first time in college students prior to the beginning of their UCF career. Those accepted into the academic program have achieved student success. All UCF students may participate in the LEAD Scholars Academy through various experiential tracks including campus engagement, civic engagement, women’s leadership, multicultural leadership, undergraduate research, the virtual leadership academy, study abroad and the Clinton Global Initiative University program.

Additional programs are developed throughout the year to provide leadership enhancement and empowerment opportunities for UCF students. Through programming, networking, mentoring, personal development or experiential training, UCF students learn the skills needed to hold various leadership positions on campus and within their chosen career.

Lesbian Gay Bisexual Transgender Questioning/Queer (LGBTQ) Services
SU 305; 407-823-1027
http://www.ucf.edu/lgbtq

The mission of Lesbian Gay Bisexual Transgender Questioning/Queer (LGBTQ) Services and student leadership is to connect our diverse student population to opportunities, resources, and each other to achieve the vision of a stronger, healthier, and more equitable world for LGBTQ+ people and their allies. In addition to serving as an entry point to students seeking LGBTQ+ resources and support, LGBTQ+ Services oversees the LGBTQ+ friendly space, Pride Commons, located in Ferrell Commons. This inclusive and safe space is used as a hangout for UCF students and also hosts educational programming on campus such as LGBTQ+ History Month, National Coming Out Day, Transgender Day of Remembrance, Transgender Week of Visibility and the annual Lavender Celebration.

Multicultural Academic and Support Services (MASS)
Director: Wayne Jackson
SU 154; 407-823-2716
http://mass.sdes.ucf.edu

The Office of Multicultural Academic and Support Services provides comprehensive academic support, cultural enrichment, consultation, and referral services that promote the retention and graduation of multicultural and First Generation College Students. MASS offers personalized advising and support; monitors academic progress; sponsors a six-week summer program, Seizing Opportunities for Achievement and Retention (SOAR); coordinates the Brother to Brother, Knight Alliance Network (For Foster Care Alumni) and Multicultural Transfer Students Programs. MASS serves as the focal point of operations in addressing the specific needs, issues, resources, and each other to achieve the vision of a stronger, healthier, and more equitable world for LGBTQ+ people and their allies. The office also oversees LGBTQ+ Services program.

Office of Student Involvement (OSI)
Director: Michael Preston
SU 208; 407-823-6471
Email: osi@ucf.edu
http://osi.ucf.edu

The mission of the Office of Student Involvement (OSI) is to provide quality programs, services, and leadership opportunities that enrich students’ academic endeavors and enhance the campus environment. Students and staff collaborate to develop programs and services which encourage student’s personal growth, to promote civic responsibility, to embrace differences, and to connect students to the campus and the community.

To fulfill our mission, the Office of Student Involvement staff members oversee the registration and management of more than 600 registered student organizations (RSO’s), as well as the advisement and coordination of the following student groups: Campus Activities Board (CAB), Homecoming, Knight Camp, Knight-Thon, Knights of the Round Table (KRT). Late Knights, Student Government Association (SGA), Student Outreach Services, and Volunteer UCF (VUCF). OSI wishes to support all members of our UCF community and encourages any person in need of an accommodation to participate in our programs or services to email us at osi@ucf.edu. OSI is funded by the Student Government Association.

Office of Student Rights and Responsibilities (OSRR)
Director: Dana Juntunen
FC 227; 407-823-4638
http://osrr.sdes.ucf.edu; http://concern.sdes.ucf.edu

By offering a wide range of services designed to assist as well as educate students in resolving issues impeding student success, the Office of Student Rights and Responsibilities (OSRR) includes the Office of Integrity and Ethical Development, the Office of Student Conduct, and Student Care Services. OSRR promotes a campus climate of integrity, civility and accountability by providing a wide array of resources, education and crisis management services for the university community. We purposefully challenge students during their development as productive citizens of the UCF community, to consider ethical practices and the importance of making critical decisions. OSRR also publishes, the Golden Rule Student Handbook, which contains the Rules of Conduct and more detailed information on student life. Copies of the Golden Rule can be obtained at OSRR or can be viewed on the Internet at http://goldenrule.sdes.ucf.edu. This office also advises the Golden Rule Review Committee which is a standing committee of students charged with making recommendations for updating the Golden Rule Student Handbook.

Office of Integrity and Ethical Development
Director: Jennifer Wright
FC 142; 407-823-3477
http://ied.sdes.ucf.edu

The Office of Integrity and Ethical Development specializes in the promotion of individual responsibility and personal development. Programs are designed to develop awareness toward integrity, ethical decision-making, conflict management and resolution, civility, and professionalism. Services include mediation sessions and training, college life skills coaching sessions, and outreach programs. These services are designed to provide students (undergraduate and graduate) with the college life skills necessary for academic and personal success at UCF.

Office of Student Conduct
Director: TBA
FC 227; 407-823-4638
http://osc.sdes.ucf.edu

The Office of Student Conduct addresses alleged violations of the “Rules of Conduct” contained within the Golden Rule student handbook. Our goal is to educate students, faculty and staff on the issues related to the student conduct, community responsibilities, and behavioral expectations in the Rules of Conduct in the Golden Rule Student Handbook. This office is also responsible for admission clearances, dean’s certification, and student eligibility checks. The rules of conduct can be found in the Golden Rule student handbook and copies may be obtained at the Office of Student Conduct, or can be viewed on the Internet at http://goldenrule.sdes.ucf.edu.

Students are encouraged to apply for the Student Conduct Board, which determines whether a student has violated the Rules of Conduct and recommends sanctions that may be imposed when a rules violation has been committed.

Student Care Services
Case Managers: Ann Marie Palmer, Angela Newland
FC 142, 407-823-5607
http://concern.sdes.ucf.edu

Student Care Services (SCS) offers guidance, resources, and referrals to UCF students who are experiencing a distressing situation which significantly impacts academic or personal success. The SCS team coordinates referrals to campus and community resources, develops action plans for student success, oversees the Student of Concern process, and provides education and outreach to university and community members. Our goal is to intervene before a student reaches crisis level and ensure the safety of both the student and the UCF community. SCS also oversees UCF Cares, an umbrella of care-related programs, resources and staff dedicated to fostering a caring community of Knights.

PRIME STEM Student Support Services Program
Director: Rebekah McCloud
HPH 208; 407-823-4165
Email: rebekah.mccloud@ucf.edu
http://prime.sdes.ucf.edu

PRIME STEM/Student Support Services is a federally-funded TRiO program (U.S. Department of Education). The program supports college students pursuing STEM majors (Science, Technology, Engineering, and Mathematics) who are first-generation, demonstrate a financial need, and/or have a documented disability. The project offers academic support services and resources to assist PRIME STEM scholars to successfully complete a STEM degree. As an advocate for access to higher education, PRIME STEM/Student Support Services is committed to providing the support necessary to empower participants in developing and achieving academic goals.
The Recreation and Wellness Center (RWC) supports and strengthens the mission of the University of Central Florida. The mission of the department is to foster healthy lifestyle choices and wellness through efficient services, comprehensive programs and high-quality facilities. The Recreation and Wellness Center is designed to enrich campus life and advance the university’s educational mission. Benefits of participation include the application of leadership, decision-making, problem solving, conflict management, communication and social skills. We strive to provide the safest, cleanest, highest quality, most dependable and enjoyable services. The RWC aspires to create an environment in which we celebrate the differences we share across the spectrum of human diversity.

The UCF Recreation and Wellness Center strives to both set and stay ahead of the national standards for university recreational programs and facilities by offering unique and innovative student development and leadership opportunities, while seeking to be inclusive and adaptable to the needs of all UCF students. RWC is comprised of six different programs: Athletic Training, Aquatics, Fitness, Intramural Sports, Outdoor Adventure and Sport Clubs. Seven outdoor facilities, one main building and the new RWC @ Knights Plaza satellite facility make up the RWC. The Recreation and Wellness Center facilities and programs offers are open to students of any ability with a valid UCF ID. Memberships are available to non-students. The RWC is funded by the Student Government Association (SGA).

Registrar’s Office
University Registrar: Brian Boyd
MH 161; 407-823-3100, HelpLine: 407-823-3533
Email: registrar@ucf.edu
http://registrar.sdes.ucf.edu

The Registrar’s Office, with a commitment to quality service and leading edge technology, provides timely and accurate enrollment information and access for students, colleges and departments, effectively meets student administrative needs, ensures complete records management from registration through graduation and archived data stores. The office maintains the integrity of student permanent data stores. The office manages the efficient services, comprehensive programs and high-quality facilities. The mission is accomplished by providing academic advising and support services to targeted student populations, developing and conducting programs that assist students in transitioning to a major (degree program), connecting students to the appropriate campus resources and services, providing enhanced information and advising resources through technology (Video Chat Advising), and assisting students with their progression towards graduation from UCF. SSYC provides ongoing communication throughout the year with these students to keep them aware of various major exploration outreach events, and to help sophomore and second year freshmen students stay connected and engaged with the UCF campus community. One of the communication resources is the “Sophomore Voice” newsletter that is produced and disseminated to students on a bi-monthly basis.

The SSYC office has primary responsibility for connecting undeclared (no major) and undecided sophomores and second year freshmen students to various campus resources, academic advising for major & career exploration, academic support services, and transition assistance to the appropriate college advising office or department. SSYC also provides advising support to accelerated FTIC’s (First Time in College students) entering UCF with 30 or more college credits earned from AP, IB, CLEP, Cambridge AICE, and/or dual enrollment courses; and sophomores and second year freshmen who are changing their majors or need assistance in transitioning to the appropriate college advising support office, SSYC collaborates with the College advising support units, and other campus student support offices, in providing information resources and advising services as part of the “Sophomore Connections” efforts provided each year to sophomore students.

Student Academic Resource Center (SARC)
Director: Rebecca Piety
HPH 113; 407-823-5130
Email: sarc@ucf.edu
http://sarc.sdes.ucf.edu

The Student Academic Resource Center provides high-quality programs and services that enable UCF students to achieve their academic goals. Programs include: Supplemental Instruction (SI), peer tutoring, learning skills consultations, and academic success workshops. The Supplemental Instruction (SI) program focuses on providing assistance to students enrolled in historically difficult courses such
as human anatomy, biology, chemistry, microbiology, engineering, computer science, and physics. By attending these peer-led study sessions, students have an opportunity to meet outside of class to compare notes, discuss important concepts, and develop strategies on how to learn the subject matter.

Free peer tutoring is also available for many UCF subject areas, such as accounting, physics, engineering, statistics, and biology, to name a few. In total, SARC provides group tutoring for more than 30 different courses.

Learning skills specialists are also available for students who need college-level study skills advice or those who wish to enhance their educational experience.

Each semester, SARC offers a series of academic success workshops designed to address common student issues. Among these are test-taking strategies, time management, goal setting and classroom etiquette. SARC also offers study skills assessments and online resources to help students become successful at the college level.

University Testing Center (UTC)

The University Testing Center provides academic and professional testing services for UCF students and the community. UTC is an institutional, state, and national standardized test center. Institutional and state tests include Accuplacer; Critical Thinking Test; Distance Learning/Correspondence Exams; Florida Teacher Certification Examinations (FTCE); Foreign Language Proficiency Exam (FLPE); Grammar Proficiency Exam (GPE); UCF Math Placement Test; R/N Predictor, and Test of Essential Academic Skills (TEAS).

UTC administers the following national standardized examinations:

- College Level Examination Program (CLEP)
- Graduate Record Examinations (GRE) – Subject Areas Only
- Law School Admissions Test (LSAT)
- Test of English as a Foreign Language (TOEFL iBT)

Accommodations for students with disabilities are made available in coordination with the Office of Student Disability Services.

Student Disability Services (SDS)

Director: Adam Meyer
FC 185; 407-823-2371
Email: sds@ucf.edu
http://sds.sdes.ucf.edu

The Office of Student Disability Services facilitates campus access and reasonable accommodations for students with disabilities. Such accommodations may include, but are not limited to, classroom accommodations (including examination accommodations), alternative format text materials, captioning/interpreters, and information and referral to campus and community services.

Reasonable accommodations are available to, but not limited to, students with ADHD, hearing and visual impairments, physical disability and/or health-related impairment, psychological and/or psychiatric disability, specific learning disability (such as dyslexia), speech impairment, or other disabilities.

After admission to the university, students who want to explore reasonable academic accommodations should connect with Student Disability Services. Students can meet with a consultant in-person, by phone or via Skype. Students should not worry about having the “right” documentation at the time of the meeting. Any documentation needs can be discussed during the initial conversation.

The most up-to-date initial contact procedures can be found at http://www.sds.ucf.edu. Students are encouraged to come to SDS and explore the possibilities and options without feeling a need to commit to utilizing any resources. The student determines how to proceed based on the information presented and personal preferences. All information is confidential and will be used only to coordinate accommodations with appropriate UCF personnel.

Student Financial Assistance (SFA)

Director: Alicia Keaton
MH 120; 407-823-2827
http://finaid.ucf.edu

The mission of the Office of Student Financial Assistance is to provide UCF students and the university community with quality services and comprehensive options for financial assistance through an efficient delivery of student aid. Financial aid counseling is available by appointment and/or walk-in service. Due to confidentiality issues, counseling by phone and email is limited. Student Financial Assistance is dedicated to supporting and attaining UCF’s mission and goals.

Student Government Association (SGA)

Advisors: Michael Preston and Matthew Betz
SU 214; 407-823-2191
http://www.ucfsga.com

The Student Government Association’s purpose is to represent student views on issues affecting UCF and to promote progressive changes that improve campus life. In advocating better communication and understanding among the UCF family, the Student Government Association also provides numerous services that affect students. These services include free printing in the SGA Computer and Express Printing labs, discount tickets to movie theaters and theme parks, legal services, recreational opportunities through the Recreation and Wellness Center and Sport Club Council, programming through the Campus Activities Board, Homecoming, Volunteer UCF, Late Knights, Multicultural Student Center, Knight-Thon, Knights of the RoundTable, and much more. Money allocated by the Student Government Association for these services comes from Activity and Service Fees that students pay during registration. Additionally, student organizations may receive funding for events, activities, and travel to conventions. SGA coordinates its efforts with the Florida Student Association in lobbying for students’ rights at the local, state, and national levels.

Student Government Association’s structure is modeled closely after the United States federal government system in that it contains three branches: executive, legislative, and judicial. The executive branch, comprised of the Student Body President, Vice President, and cabinet oversees the daily administrative operation of SGA. The legislative branch funds student organizations and also passes bills and resolutions benefitting the student body. The judicial branch oversees hearings concerning constitutional and legislative issues.

All students are encouraged to take an active role in the Student Government Association. For information about how to become involved with SGA or how your student organization can receive funding, contact the Student Government Association office.

Student Legal Services

Director and Associate General Counsel: Patrick Dullaghan
FC 142; 407-823-2538
http://sls.sdes.ucf.edu

Student Legal Services provides students with advice and consultation, including court representation, in selected areas of law such as landlord/tenant disputes, consumer issues, wills, uncontested divorces, name changes, Chapter 7 Bankruptcies, traffic tickets, criminal cases including misdemeanors and felonies of third degree, and sealing and expungement of criminal records. Services are provided free of charge to students who are currently enrolled at UCF and paying activity and service fees; including those attending the regional campuses, Rosen College, and the College of Medicine. Students in need of legal services should contact the Student Legal Services office to schedule an appointment.

Student Neighborhood Relations (SNR)

Assistant Vice President, Student Development and Enrollment Services: A.J. Range
Farrell Commons, Building 7C, Suite152; 407-823-6505
http://snr.sdes.ucf.edu

While Student Neighborhood Relations (SNR) is charged with assisting and providing information and resources for students, faculty, and staff with their search for off-campus housing accommodations, its first mission, however, is to support and promote on campus housing for students. The SNR office also has contact with and communicates to local off-campus apartment communities regarding student housing opportunities. This office also offers unbiased information and instructions for students wishing to sublease their off campus apartment; and offers “moving off-campus” consultations and information about local services, i.e. transportation, furniture rental information, dry cleaning, shopping, and utilities.

SNR further serves UCF students, who live off campus, with directions and information regarding a variety of on campus programs, events, activities, and services. SNR fosters a supportive and development environment for off-campus students by providing advocacy for resolving problems, “on the spot” or through campus referrals, and by exploring other available resources. Finally, Student Neighborhood...
Division of Student Development And Enrollment Services

Relations works in the local neighborhoods, adjacent communities, and nearby subdivisions with the HOAs, officers, community leaders, residents, and students to create, build, and enhance good neighborhood relations and effective civic engagement/responsibility.

Student Outreach Services
**Director:** Rhonda Hall
Orlando Tech Center, 12479 Research Parkway, Bldg. 600, Suite 215, Orlando 32826; 407-823-5580
http://www.reachout.ucf.edu

The primary mission of Student Outreach Services is to attract, motivate, and prepare underrepresented students from the local area to complete a college education. These students are provided with essential information, educational materials, and collegiate experiences to enhance their preparation for post-secondary study, primarily through the efforts of two programs.

1. The UCF Pre-Collegiate Readiness and Empowerment Program (P.R.E.P.) provides campus and school-based programs to underrepresented students in grades 6-12 to help strengthen their skills and likelihood of college success.

2. The UCF National Achievers Society, formerly the McKnight Center of Excellence, is supported by the Florida Education Fund and offers academic support and direct access to community-based programs for students in grades 6-12.

Student Union
**Director:** Rick Falco
SU 312; 407-823-2117
http://www.ucfsu.com

The Student Union is the Heart of Campus and provides the campus community with a variety of meeting rooms, offices, programs, and services. The Union is home to a great variety of restaurants including Joffrey’s Coffee, Greens Salad Bar, Balagan Kosher Café, Smoothie King, Subway, Sbarro, Pitca Spot, Wackadoo’s Grub and Brew, Odoba, BK Whopper Bar, Asian Chao, Huey Magoo’s, Corner Café and Topper’s Creamery. Retail stores include Knightstop Convenience, BK Whopper Bar, Asian Chao, Huey Magoo’s, Corner Café and Topper’s Creamery. Retail stores include Knightstop Convenience, Joffrey’s Coffee, Greens Salad Bar, Balagan Kosher Café, Smoothie King, Subway, Sbarro, Pitca Spot, Wackadoo’s Grub and Brew, Odoba, BK Whopper Bar, Asian Chao, Huey Magoo’s, Corner Café and Topper’s Creamery. Retail stores include Knightstop Convenience, Joffrey’s Coffee, Greens Salad Bar, Balagan Kosher Café, Smoothie King, Subway, Sbarro, Pitca Spot, Wackadoo’s Grub and Brew, Odoba, BK Whopper Bar, Asian Chao, Huey Magoo’s, Corner Café and Topper’s Creamery.

Transfer and Transition Services
**Director:** TBA
HPH 221; 407-823-2231
http://transfer.sdes.ucf.edu

Transfer and Transition Services helps transfer students make a seamless transition for a more successful experience at the University of Central Florida. The office provides the following resources and services:

- General advising and referral for transfer students before and after they enroll at UCF;
- Referral to DirectConnect advisors at partnering colleges: Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College;
- DirectConnect advisor and support at Valencia College East Campus;
- Academic exploration and advising for transfer students who are undecided majors, undecided, or changing majors;
- Current information about university programs and policies including entrance and exit requirements;
- Advocacy and assistance in resolving transfer issues;
- Transition advising services for currently enrolled juniors and seniors who are undecided or changing majors;
- Peer Mentors provide transfer advising services and connections to the campus community, including Transfer Knights club;
- Written articulation agreements and inter-institutional relationships between the University of Central Florida and secondary schools, Florida College System institutions or universities; and,

- Articulation workshops and conferences involving instructional, advising, and administrative personnel from the university, Florida College System institutions, and other institutions.

Undergraduate Admissions
**Associate Vice President:** Gordon Chavis, Jr.
**Director:** Paul Viau
Duke Energy UCF Welcome Center; 407-823-3000
Email: admission@ucf.edu
http://www.admissions.ucf.edu/

The Office of Undergraduate Admissions coordinates the admission and enrollment of all undergraduate first-time-in-college, transfer, non-degree, and non-Florida public institution transient students to UCF. The office’s primary mission is to identify, recruit and enroll talented, diverse and academically qualified students who will contribute to and achieve growth and success at the University of Central Florida.

Office hours are: Monday/Thursday 9 a.m. to 6 p.m., Tuesday/Wednesday/Friday 9 a.m. to 5 p.m.

Veterans Academic Resource Center (VARC)
**Director:** Bethany Glassbrenner
Veterans Academic Resource Center, CFE Arena; 407-823-2707
Email: varc@mail.ucf.edu
http://varc.sdes.ucf.edu/benefits

The Veterans Academic Resource Center (VARC) recognizes and supports student veterans as they transition from military to student life. The VARC, a unit of the Registrar’s Office, is a collaboration among the offices of Career Services, Counseling and Psychological Services, Student Academic Resource Center, Student Disabilities Services, and Transfer and Transition Services, and provides the home for Veteran Services. VARC has been designated as a Center for Excellence for Veteran Student Success.

Located at UCF Knights Plaza/Arena, across from Barnes & Noble@UCF, VARC is open 9 a.m. to 5 p.m. Mondays through Fridays, and provides study, tutor and lounge areas for student veterans, as well as programs and events designed specifically for student veteran needs.

Veteran Services
**Assistant University Registrar:** Bethany Glassbrenner
Veterans Academic Resource Center, CFE Arena; 407-823-2707
Email: varc@mail.ucf.edu
http://varc.sdes.ucf.edu/benefits

Veteran Services serves all veteran students and eligible dependents who are using VA educational benefits to further their education. The office provides information concerning entitlements, filing claims to the Department of Veterans Affairs (DVA), certifying enrollment at the University, and deferring tuition and fee payments. Veterans and eligible dependents must be certified through Veteran Services each term to receive VA educational benefits. All veterans and eligible dependents are urged to consult Veteran Services early in the UCF admissions process for information about Veteran Services.

To maintain eligibility for VA education benefits, students must adhere to the policies and procedures for VA educational benefits as noted on the GI Bill website (http://www.benefits.va.gov/gibill/).

UCF, being a member of SOC (Service Members Opportunity College), provides credit for various military training and education. Credit is awarded for regionally accredited schools and courses only. Transfer credit is awarded per the recommendations of the American Council on Education (ACE) Guide, based upon courses and/or training listed on the DD Form 214, SMARTS, ARTS, or other official military record. U.S. Air Force veterans must coordinate with the Community College of the Air Force to provide official CCAF transcripts to the Undergraduate Admissions Office.

Students eligible for VA educational benefits may also be eligible for a VA deferment of tuition and fees. The VA Deferment due date is contained in the “Academic Calendar.” Students eligible for financial aid adequate to cover tuition and fees are not eligible for this deferment. For Fall and Spring semesters, undergraduates must carry at least 12 credit hours for full-time VA benefits, 9 to 11 credit hours for three-quarter time benefits, and 6 to 8 credit hours for half-time benefits. Five credit hours or less will be reimbursed at the cost of tuition and fees for quarter-time depending on VA Chapter. Check Veteran Services website for Summer term course load and other FAQs.

Students currently enrolled at UCF and another institution may receive VA educational benefits, but first must complete the appropriate Transient Form and consult with Veteran Services. Veterans and
eligible dependents who desire to change their major, or pursue a dual major, dual degree, or who add a minor may receive VA educational benefits but must obtain approval from DVA before taking any of the applicable courses. This includes a minor in military science. NOTE: some majors may have extra elective hours that can be used for courses for a minor or another major.

To continue to be able to receive VA educational benefits, students must maintain satisfactory academic progress and conduct. Individuals placed on academic probation must raise their grades to a UCF GPA of 2.0 or above and be removed from probation within the next two semesters to continue to receive benefits. Accordingly, benefits will be terminated for individuals who are disqualified, excluded, suspended, or expelled from the University. If reinstated by the University following disqualification, exclusion, suspension, or expulsion, the veteran or eligible dependent must contact Veterans Services to have their VA educational benefits re-activated. Veterans and eligible dependents also may draw VA benefits during the periods of eligibility while on Cooperative Education assignments. Payment is received during both the on-campus and off-campus work terms. Contact Veterans Services for more specific benefit information on Cooperative Education.

Effective August 1, 2011, the Post-9/11 GI Bill pays only for public school in-state tuition and fees. Out-of-state tuition is no longer paid for by the VA. The University of Central Florida is designated as a VA “Yellow Ribbon” institution to help defray the out-of-state tuition. Out-of-state student veterans and dependents may apply for “Yellow Ribbon” program eligibility when certifying their GI Bill education benefits. Please go to: http://varc.sdes.ucf.edu/docs/ucfyellowribbonprogram_rules.pdf for more information.

Wellness and Health Promotion Services (WHPS)
Director: Maureen Hawkins
RWC Suite 111 and CAPS; 407-823-5841
http://whps.sdes.ucf.edu

Wellness and Health Promotion Services (WHPS) aims to assist every UCF student in being a “Healthy Knight” and coordinates the campus Healthy Knights 2020 initiative. WHPS recognizes the role of lifestyle in health, wellness and academic success, by offering a wide range of health promotion and risk reduction services on topics including: sexual wellness, nutrition, stress management, sleep hygiene, body acceptance, smoking cessation, sexual violence and healthy relationships. A variety of services are provided by health professionals including screening and education, along with HIV Testing & Counseling, massage therapy, and biofeedback assisted relaxation training. Trained Peer Health Advocates help promote healthy behaviors both by staffing Health Huts around campus and by facilitating interactive workshops.
Transfer and Transition Services

**Director:** TBA

HPH 221; 407-823-5959, Fax: 407-823-3955

Email: tservices@mail.ucf.edu

http://transfer.sdes.ucf.edu

Transfer and Transition Services helps students accomplish a smooth and efficient transfer to UCF. Students transferring with an A.A. or articulated A.S. from a DirectConnect partner school are guaranteed admission (upon meeting admission criteria). Partner institutions include Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College. Florida Florida College System institution and university A.A. graduates are guaranteed certain rights and privileges according to the statewide Articulation Agreement.

Students transferring with an A.S. in one of the statewide articulated degree programs should refer to the "Articulated A.S. Programs" chapter of this [Undergraduate Catalog](#). Any questions about these programs should be directed to the Director of Transfer and Transition Services.

Where Can I Go For Help?

For information or assistance during the transfer process, you may contact Transfer and Transition Services, located in Howard Phillips Hall, room 221. Call the Student HOTLINE at 407-823-5959 for immediate access to staff during regular business hours. Visit the website at http://transfer.sdes.ucf.edu.

Transfer and Transition Services provides the following services and resources:

- Accurate and current information about university programs and policies including entrance and exit requirements, as well as information concerning:
- General academic advising for transfer students before and after they enroll at UCF
- Pre-admission academic advising available at Valencia College East Campus
- Advising for students who are undeclared, undecided, or changing majors
- Peer Mentors provide advising and transition assistance by telephone, email, and office appointments
- Student information and advising HOTLINE 407-823-5959
- Website for transfer students (http://transfer.sdes.ucf.edu)
- Transfer Knights social club; Tau Sigma Transfer Honor Society
- Orientation advising and assistance
- Written articulation agreements between UCF and other universities and colleges

**How Can a Florida College System institution Counselor or Advisor Help Me?**

It is important that you are kept informed of all requirements for transferring to UCF. Florida College System institution counselors and advisors are provided with information and resources about the requirements to enter each program at UCF. They can help you determine which classes you need to complete before transferring. Additionally, they have access to information for limited access majors that have special requirements: application deadlines, GPA, testing, portfolios, letters of recommendation, etc.

DirectConnect to UCF provides A.A. and A.S. students and alumni of Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College guaranteed access to UCF. Meet with a DirectConnect advisor as soon as you earn 30 credit hours. At the Valencia College East Campus, TTS provides DirectConnect to UCF pre-admission and transition advising in Building 5, room 230; call 407-582-2318 to set up an appointment.

**Why Should I Complete My A.A. Before Transferring From a Florida Public Institution?**

Receiving your A.A. from a Florida public institution ensures special benefits guaranteed under the statewide Articulation Agreement. The following are some of the advantages of receiving your A.A.:

- Priority in admission to state universities;
- Acceptance of at least 60 credit hours toward the baccalaureate degree; no additional general education core requirements;
- Acceptance of all courses taken at your institution, if the same course with the same course number is offered at UCF;
- Transfer of all accelerated programs (CLEP, AP, IB, early admission, and dual enrollment courses) within the A.A.; official test scores must be sent to receive UCF course credit;
- Advance knowledge of selection criteria for limited access programs; equal opportunity with UCF native students to enter limited access programs; and,
- All grade forgiveness awarded under the A.A. will be honored.
Priority admission is given to A.A. and articulated A.S. graduates from the Florida public community and state colleges and state universities. If you do not complete an A.A. at a Florida College System institution or university, you must complete UCF’s general education requirements, which may be considerably different from your previous institution’s requirements. If you have met all the A.A. requirements, you should have “General Education Requirements Met” placed on your transcript to assure getting credit for meeting General Education and Gordon Rule requirements. Without this statement you must satisfy UCF’s general education requirements and Gordon Rule courses. If your grade point average falls below a 2.0 (without grade forgiveness), you will not be admitted.

What Are the Foreign Language Requirements?
Admission Requirement: To be admitted you should complete two years of the same foreign language or American Sign Language in high school (document by submitting an official high school transcript), or 8-10 credit hours in the same language at the college level, or pass a CLEP or other proficiency examination. Students admitted without this requirement must satisfy it prior to graduation.

Graduation Requirement: Some baccalaureate degrees require students to demonstrate foreign language proficiency as a graduation requirement; this requirement may be satisfied by college-level course work or testing equivalent to two semesters of college instruction. Some majors require additional proficiency; some departments accept American Sign Language to meet the proficiency. Consult the UCF Undergraduate Catalog for graduation requirements for specific majors. High school courses will not satisfy graduation foreign language requirements. International students required to provide TOEFL scores for admission are considered to have satisfied the graduation requirement.

How Will My Credits Transfer?
All college level credits earned for which official transcripts have been submitted will be compiled into a Transfer Summary Report (TSR), which is available online after your admission to UCF. The TSR is the basis for constructing a Degree Audit, which applies earned credits toward your intended degree program. The audit provides you with an assessment of which degree requirements have been met and which remain to be satisfied. You will use the audit to schedule courses that meet your remaining requirements.

Common Program Prerequisites: To view generic course substitutions for Common Program Prerequisites that may be offered at the Florida College System institutions or other state universities, please go to the Florida Virtual Campus website at http://www.flvc.org. Usually these courses will be substituted automatically in your audit to fulfill the correct requirement.

Some credits listed on the TSR may not be applicable toward graduation course requirements; e.g., some departments do not accept a transfer grade of “D” (1.0). You should review the TSR carefully to ensure that all credits are included. Courses not automatically credited to your degree program must be evaluated on a course by course basis. General education courses are evaluated through Academic Services; all other courses are evaluated by the academic department offering the courses.

Transfer Checklist

<table>
<thead>
<tr>
<th>Before Completing the A.A. or Articulated A.S.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y__ N__</td>
<td>met with a DirectConnect advisor</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>met with counselor or advisor for graduation check</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>completed application for graduation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Application for Admission</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em><strong>/</strong></em>/___</td>
<td>date submitted</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>checked admission status at <a href="https://my.UCF.edu">https://my.UCF.edu</a></td>
</tr>
<tr>
<td><em><strong>/</strong></em>/___</td>
<td>date of acceptance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transcripts (original transcript from all institutions attended)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y__ N__</td>
<td>transcripts sent from all current and prior institutions</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>final transcript sent after term completed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Financial Aid/Scholarship</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>/ /</td>
<td>date financial aid application (FAFSA) sent</td>
</tr>
<tr>
<td>/ /</td>
<td>date SCHOLARSHIP application sent</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>“to do” list checked on myUCF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Housing</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y__ N__</td>
<td>reviewed OCSS handbook; Survival Guide for Living off Campus</td>
</tr>
<tr>
<td><em><strong>/</strong></em>/___</td>
<td>date application sent (include deposit when required)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Immunization</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em><strong>/</strong></em>/___</td>
<td>date Student Health Form submitted</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>need immunizations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Foreign Language Requirements (Admission)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y__ N__</td>
<td>2 years/units earned in high school</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>credits earned at the college level</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>credits to be taken at the university</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program (Major) Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y__ N__</td>
<td>selected a major</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>completed major prerequisites</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>submitted limited access application</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>met grade point average (GPA) requirements</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>met cumulative GPA for admission to program of study</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>met cumulative GPA in courses taken for program of study</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>met grade requirements for designated courses</td>
</tr>
<tr>
<td>Y__ N__</td>
<td>met audition/portfolio/additional admission requirements</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Orientation:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em><strong>/</strong></em>/___</td>
<td>Orientation date at UCF</td>
</tr>
</tbody>
</table>

Y___   N___ need immunizations
Y___   N___ selected a major
Y___   N___ met cumulative GPA for admission to program of study
Y___   N___ metCumulative GPA in courses taken for program of study
Y___   N___ met grade requirements for designated courses
Y___   N___ met audition/portfolio/additional admission requirements

UNIVERSITY OF CENTRAL FLORIDA
Transfer and Transition Services

You must make sure that all official college transcripts, including a final transcript from the last institution you attended, are submitted to the Undergraduate Admissions Office within ten days of the start of your first term at UCF. If Admissions does not receive them, a hold is placed on your record, making it difficult for you to receive financial aid or to register for a future term.

When Do I Pay My Bill?

For students taking courses at UCF for the first time, tuition and fee payments are due by the published deadline. Students can print a copy of their Fee Invoice online from myUCF (https://my.ucf.edu). A late payment fee of $100 will be assessed on all accounts not paid or deferred by each term’s payment deadline. Please note that you will not be sent a bill. It is up to you to view your Fee Invoice through myUCF. If you decide not to attend, but have registered for classes, be sure to drop all classes, or you will be fee liable.

Financial Aid deferments will automatically be reflected on your Fee Invoice. If the total amount of your tuition and fees exceeds the amount of your deferment, the difference must be paid by the due date on your Fee Invoice. The following programs are not included in the automatic deferral program: work/study programs, third party deferments, other waivers, and direct pay scholarships.

Can Transfer Students Participate in The Burnett Honors College?

Qualified students who transfer to UCF with an honors A.A. from a Florida College System institution that has signed an articulation agreement with The Burnett Honors College will be admitted into University Honors with junior standing. Florida College System institution transfers and other students who have completed their general education requirements may participate in the Honors in the Major program through the completion of departmental honors requirements, including an original research project. Transfer students who apply for admission to departmental honors programs must have a minimum GPA of 3.5 in their major. Successful completion of either honors program will be noted on your transcripts and diploma. For more information, call 407-823-2076 or visit the honors website at http://honors.ucf.edu.

Transfer Tips:

Office Visits for Transfer Advising

- Students are encouraged to contact Transfer and Transition Services or their DirectConnect advisor with questions or to schedule an appointment to meet with an advisor. Advisors are available Monday and Thursday, 8:30 a.m. to 5:30 p.m., Tuesday, Wednesday, and Friday 8:30 a.m. to 4:30 p.m.
- Transfer students must declare a major; students undecided about their major should contact Transfer and Transition Services for advisement.
- Undeclared students with 45+ credit hours are placed on advising hold.

Students should:

- Submit your application as soon as you have earned 45 credit hours, at least six months in advance. Do not wait until the A.A. is awarded to apply. You can be admitted “contingent upon completion of the A.A.” if you meet specific admission requirements. By applying early and being admitted, you will be invited to an early Orientation.
- Keep a transfer diary. For each contact with UCF, record the name of the person with whom you spoke, the date, and the type of request. Keep a copy of all correspondence you send and receive.
- Have original transcripts from all institutions you have attended sent directly to the Undergraduate Admissions Office. If you are currently enrolled, send a transcript when applying and a final transcript when classes are completed.
- Attend the earliest Orientation session possible. You will have more course selections and registration choices. You should bring copies of all transcripts (transcripts sent in for admissions purposes are not available for advising during Orientation). You are advised (in groups) and then allowed to register. Tuition and fee payments are due by the published deadline.
- Complete the “Immunization Form.” Registration is not allowed without the completion and approval of this form.
- Complete the “Free Application for Federal Student Aid” (FAFSA). To be considered for all aid available, your financial aid file should be complete by March 1.
Responsibilities

Academic advising is a process that assists students in the clarification of life goals and the translation of these goals into educational plans. It provides assistance to students as they explore educational opportunities and develop educational plans and objectives. Academic advising connects students with the University by bringing meaning to its mission, its curriculum and to the learning environment that is the University community. Academic advising is committed to assisting and supporting students with developing their educational, career and life goals. It provides access to campus resources, and coordinates the integration of all aspects of student life into learning experiences. It is an individualized avenue of communication that assists students in the planning and decision-making process.

Although academic advisors provide assistance, it is the student’s responsibility to know the university policies, procedures, requirements, and seek out assistance when needed. There are a variety of academic advising systems available at UCF in each of the colleges, schools, and the Division of Student Development and Enrollment Services.

Freshman (First Time in College - FTIC)

Every incoming freshman is assigned a professional first year academic advisor in one of the five offices listed below. These advisors also collaborate with the University’s Colleges and Schools, and link students to advisors in various academic programs. The assignment of a first year advising office will be based on the specialized services of each program and the student’s particular needs. Please know that although you have been assigned to an advisor in one of the offices, you are not limited to seeking help there. Academic advising is one of the most important services provided at UCF and can impact a student’s successful progression to graduation.

New FTIC Students can expect to:

1. Attend a mandatory UCF Orientation that will provide:
   a. Initial academic advising in a group setting and preparation for the first term, including schedule planning and registration
   b. An assessment of high school grades, entrance and placement test scores, and AP, dual enrollment and CLEP credit;
   c. An awareness of expectations for success at UCF;
   d. Information about key academic policies and important deadlines.

2. Connect with their first year advising office according to the following designated priority order:
   a. First Year Advising and Exploration (FYAE) - for first year students in the EXCEL, LEARN Living Learning Community, STEP, the College Achievement Program (CAP), Pegasus Success Program, SOAR program and the Out of State Student Mentoring (OSSM) Living Learning Community programs and those not in a special population listed below (HPH 116)
   b. Academic Services for Student-Athletes (ASSA) - for student athletes (WDSC 110)
   c. Sophomore and Second Year Center (SSYC) - for freshmen students entering UCF with 30 or more college credits earned through accelerated mechanisms from AP, IB, CLEP, and/or dual enrollment courses (HPH 215)

These offices provide students with general education advising, academic exploration for undeclared students, academic support, registration assistance, and on-going information about University policies and procedures throughout the first year experience. For more information about the first year advising offices and their services, please see the “Student Development and Enrollment Services” chapter of this Undergraduate Catalog.

3. Participate in programs and advising activities that will promote a successful transition from high school to the university.

4. Transition to an academic advising office within the college of the student’s chosen major after the completion of his or her first year.

The Burnett Honors College

New students will:

Attend the UCF Orientation designated for The Burnett Honors College. At this time students meet with Honors staff and learn about The Burnett Honors College courses and GPA requirements, and register for Honors and non-Honors classes.

Continuing students will:

1. Contact the department of their major and meet with their advisor in the department during the first two months of any semester to review progress and plan a program of study;
2. Meet with their advisor in the department of their major prior to registration;
3. Contact the Office of Honors Advising (BHC 109) and based on the recommendation from their academic advisor and the requirements for University Honors, an Honors Advisor will assist with Honors course selection;
4. Continue to register for classes online;
5. Check their “Fee Invoices/Schedule” to ensure accuracy of class schedule; and,
6. Attend any mandatory Honors advising appointments.

College of Arts and Humanities

Majors within the College of Arts and Humanities should meet with their major/minor advisor concerning major/minor requirements and with an advisor in CAHSA regarding all other inquiries. CAHSA is located in Colbourn Hall (CNH) room 201 and advisors can be reached via email at cahsa.ucf.edu or in person by visiting CAHSA during regular business hours. Students can also access CAHSA’s website at: http://www.cahsa.ucf.edu

New students will:

1. Meet with a CAHSA advisor in a group setting during Orientation to discuss college policies and procedures;
2. Meet with a major advisor to discuss major requirements, career opportunities, and plan a class schedule;
3. Register for classes at a central location; and,
4. Check their “Fee Invoices” to ensure accuracy of their class schedule.
5. Create and regularly check their Knights Email account.

Continuing students will:

1. Meet with their major and/or minor advisor in the department to review academic progress and plan a program of study for subsequent semesters. Review this plan each term with their major/minor advisor and prior to registration;
2. Access their Degree Audit at least every term and understand all degree requirements;
3. Refer any questions pertaining to university credit hour requirements, degree audits, academic standing and college/university policies and procedures to CAHSA. All questions pertaining to major/minor requirements should be directed to the department advisor in the major/minor program; and,
4. Meet with their major/minor advisor to conduct a graduation review of major/minor requirements in the semester prior to the intended semester of graduation. After seeing the major/minor advisor and in the semester prior to the term of graduation, eligible students will receive an email from CAHSA indicating how to file their “Intent to Graduate” forms and in order to conduct a graduation review. Please refer to the academic calendar for the deadline to file your Intent to Graduate;
5. Regularly check their Knights Email account.

Graduating students will:

1. File the online intent to graduate form by the posted deadline for the semester in which they intend to graduate. Please note that the deadline for filing is always the semester prior to the semester in which you intend to graduate;
2. Meet with a CAHSA advisor after filing the online intent to graduate and prior to the deadline for filing the intent;
3. Maintain current contact information and regularly check their Knights Email account and degree audit.
Academic Advising

College of Business Administration
The College of Business Administration (CBA) seeks to provide its students with the highest quality academic advising and career coaching. The Office of Professional Development (OPD) partners with department faculty advisors to assist prospective and current business majors in the development of an educational plan that meets their career goals.

New students will:
1. Be classified as ‘pending’ until admission requirements are met and a change of major request has been approved. ‘Pending’ students have enrollment access to non-restricted classes within the CBA;
2. Meet college advising representatives in a group setting during Orientation to discuss admission to the major requirements, college policy, procedures, expectations, and degree programs;
3. Review degree requirements at Orientation using the Degree Audit and CBA literature to better understand degree requirements and a Degree Audit;
4. Meet with a faculty advisor in the department of their declared major during the first enrolled term to petition any relevant transfer work into their degree program, as needed;
5. Meet with a Career Coach in the OPD (BA2, Room 101), to understand the career options of your major; and,
6. Be advised in the OPD if the major is Business Pending and the student is classified as at least Sophomore standing.

Continuing students will:
1. Meet with a member of the OPD Advising Team to review academic progress and develop or update an academic plan. Degree requirements and course prerequisites should be reviewed prior to registration each term;
2. Meet with their Career Coach as directed by activities in the college’s Career Professionalism curriculum;
3. Register for courses in MyUCF at your scheduled appointment time. All changes to your class schedule must be completed by the end of the drop/swap and add periods;
4. Be classified as ‘pending’ until admission requirements are met and a change of major request has been approved. ‘Pending’ students have enrollment access to non-restricted classes within the CBA;
5. Meet with a faculty advisor and/or member of the OPD Advising Team during the term prior to the anticipated graduation term as needed; and,
6. File the “Intent to Graduate Form” by the end of the term prior to the term in which graduation is intended.

Students placed on ‘Lack of Progress’ due to Major and or College of Business Administration GPA concerns will:
1. Have a “hold” placed on their subsequent registration; and,
2. Meet with a faculty advisor in the department of their declared major to review the student’s academic situation and develop a plan of action.

College of Education and Human Performance
New students will:
1. Be classified as education pending until admission requirements are met and a change of major request has been submitted.
2. Meet college advising representatives in a group setting during Orientation to:
   a. Discuss College of Education and Human Performance admission requirements needed for enrollment in upper division education classes
   b. Review degree program requirements
   c. Understand expectations and responsibilities associated with a career in education
3. Be advised by the College of Education and Human Performance’s Undergraduate Advising Office (ED 110) if their major is Elementary Education or Education Pending. Academic advising sessions may be scheduled by calling 407-823-3723;
4. Be assigned to an academic advisor in the area of their major upon completion of College of Education and Human Performance admission requirements. The advisor’s name and email address appear on the Degree Audit and in myUCF to assist students in making an advising appointment; and
5. Purchase and utilize LiveText software at the beginning of the first semester of enrollment in the College of Education and Human Performance based on program requirements.

Continuing students will:
1. Set up an appointment with their academic advisor upon acceptance to their major, or the Undergraduate Advising Office, if a “Pending” major, to review academic progress and to develop an academic plan. Review this plan each term with an advisor prior to registration;
2. View their Degree Audit through myUCF;
3. Register at scheduled appointment time in myUCF. Students must complete any changes to their schedules by the end of the published Add/Drop period;
4. Utilize LiveText software based upon program requirements; and
5. File an on-line “Intent to Graduate Form” by the end of the term prior to the term in which graduation is intended.

College of Engineering and Computer Science
New students will:
1. Meet with the Engineering and Computer Science Academic Affairs representative in a group setting during Orientation to:
   a. Review the College of Engineering and Computer Science (CECS) academic policies and procedures
   b. Plan an appropriate first term schedule;
2. Meet with a faculty advisor in the department of their major to:
   a. Understand the career options of the major
   b. Discuss degree program requirements; and,
3. Be advised in the CECS Academic Affairs Office (ENG 107) if Undecided Engineering majors. Students are encouraged to seek advisement on determining a major as soon as possible. Failure to declare a major by the end of the first year may result in a delay of graduation.

Continuing students will:
1. Meet with an advisor in the CECS Academic Affairs Office or the department of their major during each term. Computer Science majors will be assigned a faculty advisor once they have passed the Computer Science Foundation Exam. Until that time, Computer Science majors will be advised by the CECS Academic Affairs Office or Computer Science Undergraduate Advising Office in HEC 345;
2. Set up an appointment with an advisor to review your academic progress and to develop an academic plan. Review this plan each term with the advisor prior to registration;
3. Use the flow diagram or four year plan received during Orientation to progress through the degree requirements;
4. View a Degree Audit, the registration appointment time, and search for classes (once the class schedule is available) through myUCF at https://my.ucf.edu;
5. Register at the scheduled appointment time in myUCF, or in person in the CECS Academic Affairs Office (AAO). Complete all schedule changes by the end of the published Add period;
6. Participate in the college designated intervention plan if you have been placed on an engineering or computer science advisement hold. An intervention through the CECS Academic Affairs Office will be required each semester a student is on advisement hold; and,
7. File the “Intent to Graduate” through myUCF and meet with an advisor for graduation check in the CECS Academic Affairs Office, by the last day of classes of the term prior to the term in which the student intends to graduate.

College of Health and Public Affairs
New students will:
Meet college advising representatives in a group setting during Orientation to:
1. Discuss degree program requirements;
2. Understand career options of the major program of study; and
3. Plan an appropriate first semester class schedule.

Continuing students will:
1. Meet with COHPA Undergraduate Student Services advisors (HPAZ, 115) during the first few weeks of each semester to check selection of program courses, assignment of a faculty advisor, and progress toward graduation;
2. View a Degree Audit through myUCF frequently to check progress toward course requirements; and
3. File the “Intent to Graduate Form” through myUCF and meet with an advisor in the COHPA Undergraduate Student Services office by the end of the term prior to the term in which graduation will occur.
College of Medicine
Burnett School of Biomedical Sciences

New students will:
Meet with the Burnett School of Biomedical Sciences (BSBS) Office of Student Services and Advisement (OSSA) advisors in group settings during Orientation to:
1. Discuss degree program requirements;
2. Understand career options of the major program of study;
3. Be directed to an appropriate academic/faculty advisor for help with information and guidance for medical/health professional or graduate programs admission requirements; and
4. Plan an appropriate first semester class schedule.

Continuing students will:
1. Meet with an advisor in the Office of Student Services and Advisement (OSSA) in HPA2, room 335 every semester to check progress toward graduation and selection of program courses;
2. See their faculty advisor each semester to check on possible career and research opportunities;
3. See an advisor in the Office of Student Services and Advisement (OSSA) if pending major for limited-access Medical Laboratory Sciences program during the first few weeks of each semester to check progress toward eligibility for application to the major;
4. View a Degree Audit, registration time, and search for classes (once the class schedule is available) through myUCF;
5. Register for courses at the scheduled appointment time.
   Complete all schedule changes by the end of the published add period;
6. File the “Intent to Graduate” through myUCF and meet with an advisor for graduation check in the Office of Student Services and Advisement (OSSA), by the end of the term prior to the term in which graduation will occur; and
7. Pre-health professional students: See your OSSA and faculty and consult with the Office of Pre-Health and Pre-Law Advisement.

Pre-Health Professional Planning
Pre-professional advisement deals primarily with understanding the requirements for successful application and admission to health professional schools.

Admission to a health professional school is highly competitive. Pre-health professions students are expected to be high achievers, and to obtain good grades with heavy loads and rigorous course combinations.

Most professional schools expect applicants to present at least a “B” average and to carry a minimum of 15 credit hours each term, with the exception of Summer term.

Each student is urged to carefully select a degree-granting major in our program. This will not only allow one to become more competitive for admission, but also to prepare for an alternate career in the event admission to a professional school is denied. Any degree-granting program may be selected as a major for pre-health students; however, the biomedical science major meets all admission requirements for health professional schools including medicine, dentistry, veterinary, pharmacy, physician assistant, etc. Our BS programs provide our students with a solid background to excel in health professional school programs. All students seeking admission to health professional schools should enroll in SLS 2311. Overview of Selected Medical Careers, in their first year at UCF and seek additional guidance from Office of Pre-Health and Pre-Law Advisement.

Additionally, prudent use of elective hours in the curricula will permit other appropriate pre-health professions courses to be obtained to help prepare for specific examination exams.

All pre-health professions students are strongly encouraged to participate in the activities of one or more of the student health related organizations and become involved in community service and career shadowing.

Curricula Guidelines
All pre-health professions students are strongly encouraged to enroll in SLS 2311 (Overview of Select Medical Careers) the first semester they are enrolled. This course provides a broad exposure to the various four-year health professions. In addition, the entire pre-professional process (academic preparation, applications, admission tests, interviews, admissions, scholarships, etc.) is explained in depth.

All pre-health professions students should complete the following science courses (many of which are applicable to the GEP) to meet the variable requirements of the Florida medical schools:

- General Biology: BSC 2010, BSC 3403C*
- General Chemistry: CHM 2045C, 2046, 2046L
- Organic Chemistry: CHM 2210, 2211, 2211L
- Biochemistry: BCH 4053
- Biochemistry/Molecular Lab: BCH 4103L or BSC 3403C
- Microbiology: MCB 3020C
- Calculus: MAC 2281 (2281, 2281L, or 2311, 2311L)
- Physics: PHY 2053C, 2054C or PHY 2048, 2049
- Statistics: STA 2023
- Immunology: PCB 3233 and PCB 3233L
- Neurobiology: ZOO 3744

*Biomedical Sciences and Biotechnology majors substitute BSC 3403C (Quantitative Biological Methods) for BSC 2011C.

Dates of Importance
All students should be aware of registration deadlines and test dates for their specific admissions exam (DAT, MCAT, OAT, GRE, etc.). In addition, most four-year health professions schools subscribe to professional application services (AMCAS, ADDAS, ACOMAS, etc.), thus require completion of a thorough application packet provided by the various application services.

College of Nursing
New students will:
Meet college advising representatives in group settings during UCF Orientation to:
1. Discuss degree program requirements;
2. Understand career options of the major program of study; and,
3. Plan an appropriate first term class schedule.

Continuing students will:
1. If accepted in a nursing program, see a faculty advisor during the first few months of each semester to review program courses and check progress toward graduation.
2. If a nursing pending major, see an advisor in the College of Nursing, Office of Undergraduate Student Services, during the first few weeks of each semester to check progress toward eligibility for application to the major.
3. View a Degree Audit through myUCF; and,
4. File an “Intent to Graduate” online through myUCF by the end of the term prior to the term in which graduation will occur.

College of Sciences
Although students may have multiple advisors, College of Sciences majors must meet with an academic advisor within their major department and/or the staff of COSAS (College of Sciences - Academic Services, located in CSB 250) as soon as possible.

New students will:
1. Meet in a group setting during Orientation with representatives from the College of Sciences to discuss college policies and procedures;
2. Meet with representatives of the department of the major to discuss major requirements and plan what courses to take;
3. Refer to COSAS any questions pertaining to General Education requirements, AP and CLEP credit, Gordon Rule, university credit hour requirements, university policies and procedures, etc.;
4. Register for classes at a central location; and,
5. Check their “Fee Invoices” to ensure accuracy of their class schedule.

Continuing students will:
1. Contact the department of their major and meet with a faculty or professional advisor during the first two months of any semester to review progress and plan a program of study;
2. Meet with their academic advisor in the department of their major prior to registration, and before the beginning of the term to ensure their schedule is still appropriate;
3. Access the class schedule and Degree Audit online at https://my.ucf.edu;
Academic Advising

4. Resolve any HOLDs placed on their account preventing them from registering;
5. Register for classes through https://my.ucf.edu. Special assisted registration (e.g., overrides, independent study, thesis) for COS courses must be handled in COSAS. All registration must be completed by the published deadlines (see Academic Calendar in the current UCF Catalog);
6. Refer to COSAS any questions pertaining to the Degree Audit regarding GEP, CLEP, AP credit, Gordon Rule, university credit hour requirements, as well as policies and procedures. Questions about major requirements in the Degree Audit should be directed to the department; and,
7. Check their “Fee Invoices” to ensure accuracy of their class schedules.

Students placed on probation due to low UCF GPA will:
1. Have a “HOLD” placed on their subsequent registration;
2. Be required to attend a COSAS workshop. A COSAS workshop schedule is available each term at http://www.cos.ucf.edu/cosas/current-students/academic-probation/;
3. Design a plan of study with an advisor within the department of their major for the upcoming semester; and,
4. Bring the plan of study to a COSAS advisor prior to the withdrawal deadline of the current semester and prior to registration for the subsequent semester.

Graduating students will do the following during the term PRIOR to the graduating term:
1. Review COS graduation instructions on your degree audit and at http://undergrad.cos.ucf.edu/current/graduation.php (click on graduation tab);
2. Complete the on-line graduation application on myUCF within the dates specified at http://calendar.ucf.edu; and,
3. Check your knights email account for further instruction. Graduating students may be required to see a COSAS advisor to review status.

Office of Undergraduate Studies
Office of Interdisciplinary Studies
All students must make an appointment to meet with a member of the Interdisciplinary Studies Advising Team prior to declaring a major in Interdisciplinary Studies.

New students will:
1. Meet with a member of the Interdisciplinary Studies Advising Team during Orientation to discuss policies and procedures, degree program requirements and tracks, and to plan an appropriate first semester class schedule;
2. Schedule a meeting with a member of the Interdisciplinary Studies Advising Team to officially declare a major and create an individual plan of study, including declaring a minor;
3. Meet with an advisor in the department of the minor to review the minor’s program requirements;
4. Refer to Academic Services any questions pertaining to general education requirements, AP and CLEP credit, Gordon Rule, and other policies and procedures as appropriate; and,
5. Register for classes online.

Continuing students will:
1. Meet with a member of the Interdisciplinary Studies Advising Team prior to registration and/or before the beginning of each term to review progress and selection of courses and address any questions pertaining to the program;
2. Access the class schedule and Degree Audit and register online during their scheduled appointment time at https://my.ucf.edu;
3. Meet with an advisor in the department of their minor to review progress and, prior to graduation, confirm that the minor requirements have been met;
4. File an “Intent to Graduate” online through myUCF by the appropriate deadline at the end of the term prior to the term in which graduation will occur; and,
5. Check their Fee Invoices to ensure accuracy of their class schedule.

Rosen College of Hospitality Management
New students will:
Meet college advising representatives in group settings during orientation to:
1. Discuss degree program requirements;
2. Understand career options and major programs of study;
3. Plan an appropriate first semester class schedule; and,
4. Review and learn how to interpret a Degree Audit through myUCF.

Continuing students should:
1. See a Faculty Advisor for assistance with selecting a concentration of study;
2. View degree requirements according to catalog year and course prerequisites prior to schedule planning;
3. See a Program Advisor prior to registration to review degree requirements and to make sure you are on track for graduation;
4. View a Degree Audit through myUCF and contact a program advisor in the Office of Student Services regarding questions or concerns; and,
5. File an “Intent to Graduate” online through myUCF by the end of the term prior to the term in which you plan to graduate.

Regional Campus System
http://regionalcampuses.ucf.edu
UCF Regional Campuses provide a wide variety of instruction modes and schedules, including web class availability. Admissions, Registration, Financial Assistance, and Advising and Student Services professionals are located at the following campuses: UCF Cocoa and Palm Bay, UCF Daytona Beach, UCF Sanford/Lake Mary, UCF South Lake and Leesburg, UCF Valencia West and Osceola, and UCF Ocala. New transfer students are given the opportunity to meet with a Professional or Faculty Advisor prior to applying to UCF and at any time while enrolled to discuss degree programs and requirements. Further, students are asked to meet in a pre-advising session prior to Orientation to determine if the student is to attend the required orientation session in Orlando or at through the live or virtual orientation offered by the Regional Campus system. In these sessions, students will receive:
1. Information about the degree programs offered at the Regional Campus;
2. An understanding of the career options associated with their major program of study; and,
3. An appropriate program of study along with the first term class schedule.

Current students will continue to receive advising on the Regional Campus of their choice for the programs that are available on that campus. For a list of the academic programs available through the Regional Campus System, see “UCF Regional Campuses” within the “University of Central Florida” section of the Undergraduate Catalog.

Orlando Campus students may receive supplemental advising on the Regional Campus, in partnership with the College of the major on the Orlando Campus; this will aid the student in taking courses that are offered at the Regional Campus if they are a part of the student’s degree program.
Registration Policies

During each academic term, registration is held for all new, currently enrolled, degree-seeking and non-degree seeking students for the following term. Registration sessions consist of Registration and Late Registration (held during the first week of classes for each term/session). Spring Registration begins following midterm term for the Fall semester and Summer Registration begins following the mid-term of the Spring semester. Class listings are available only online through the Class Schedule and Course Catalog Search at https://my.ucf.edu.

Registration is available over the web using the myUCF system at https://my.ucf.edu and in the college advising offices. The dates and times for each registration period are included in the “Academic Calendar” online at http://calendar.ucf.edu.

Terms and Credit Hours

The University of Central Florida academic schedule consists of two semesters (Fall and Spring), and the Summer term. The graduation credit value of each course of instruction is stated in terms of credit hours. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

(a) One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester or the equivalent amount of work over a different amount of time; or

(b) At least an equivalent amount of work as required in paragraph (a) of this definition for academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

Undergraduate Enrollment Status

<table>
<thead>
<tr>
<th>Enrollment Status</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Time</td>
<td>12 or more</td>
</tr>
<tr>
<td>Three Quarter Time</td>
<td>9-11</td>
</tr>
<tr>
<td>Half Time</td>
<td>6-8</td>
</tr>
<tr>
<td>Less Than Half Time</td>
<td>less than 6</td>
</tr>
</tbody>
</table>

Note: Graduate and post-baccalaureate students please refer to the online Graduate Catalog for enrollment status policies.

Credit Hour Limits

Undergraduate students are limited to 14 credit hours for the Summer term and to 17 credit hours for the Fall and Spring semesters. The department chair and college advising office must approve overloads. Overloads may be processed at the college advising offices.

Excess Hours

Effective Fall 2009, pursuant to Florida Statute 1009.286, students entering a Florida College System institution or state university for the first time in Fall, 2009, and thereafter, may be subject to the excess hours surcharge for hours exceeding baccalaureate degree program completion requirements. Students should regularly review their degree audits and consult with an academic advisor to make sure they are registering for courses and meeting the requirements of the program. More detailed explanation of the excess hours rule can be found on the University Registrar’s Office website at http://registrar.sdes.ucf.edu.

Students beginning Fall Semester 2009 through Summer 2011 will be charged 1.5 times the tuition rate for each credit hour beyond 120% of the required hours of that degree program. Students beginning Fall 2011 through Summer 2012 will be charged two times the tuition rate for each credit beyond 115% of the required hours of that degree program. Students beginning Fall 2012 and beyond will be charged two times the tuition rate for each credit beyond 110% of the required hours of the degree program.

Holds

A hold (negative service indicator) may be placed on a student’s records, transcripts, grades, diplomas or registration due to financial or other obligations to the University. Satisfaction and clearance of the hold is required before a release can be given. Students may check for holds on the myUCF system at https://my.ucf.edu under the Student Self Service link. To obtain a release for financial holds, pay the Cashier’s Office must be made either in cash, credit card, cashier’s check, or money order.

Drop/Swap and Add Policy

Drop/Swap and Add are the periods following initial registration when students may make class schedule adjustments (as listed in the Academic Calendar). Drop/Swap or Add may be done using the myUCF system (https://my.ucf.edu) or in the college advising offices.

After the Drop-Swap period, no course may be dropped without being fee liable. Courses meeting for the first time after the end of the Drop/Swap or Add period may be dropped the next business day in the Registrar’s Office, MH 161. If a student drops courses for an entire term with the intent of not returning to UCF, they must also drop courses for any future terms or will be fee liable and receive a grade. For withdrawal after the Drop/Swap period, refer to the “Withdrawing Policy” of the Undergraduate Catalog. Please consult the Academic Calendar Withdrawal deadlines for details.

A student is not automatically dropped or withdrawn from a class for not attending, nor can an instructor drop or withdraw a student from a class.

Audit Registration

Audit students are those who desire to attend class(es) without receiving academic credit. Regular tuition and fees are assessed for Audit registration. See the “Fee Schedule” in the “Financial Information” section of the Undergraduate Catalog. Audit registration is on a space-available basis at the prescribed time of Registration, or at any time during Late Registration and Drop/Swap and Add when Late Registration fees will apply. Audit requests for students who register prior to this time will be denied. Students may not change to Audit status after Late Registration and Add, but must remain in the course or withdraw through normal withdrawal procedures. New students must be accepted for admission to be eligible to audit a course. Audit forms, available on the Registrar’s website (http://www.registrar.ucf.edu) and in the Registrar’s and college advising offices, must be signed by the instructor and presented to the Registrar’s Office at the time of registration.

UCF Math Placement Test

The University believes that appropriate placement of students into certain course sequences is important to help foster an environment of success. The University administers the UCF Math Placement Test to determine placement into the mathematics course sequence. Students who do not meet prerequisites for mathematics courses are required to take the UCF Math Placement Test, and are strongly recommended to complete the UCF Math Placement Test prior to attending Orientation. If the UCF Math Placement Test is not completed prior to Orientation, delays in registration for mathematics courses may result. The UCF Math Placement Test is for placement purposes only and does not award credit. More information about the UCF Math Placement Test is available at http://utc.sdes.ucf.edu/math/.

Senior Citizen Audit

Senior Citizens (60 years of age or older) who have been residents of the State of Florida for at least one year as of the first day of classes, may enroll tuition free as Audit students (i.e., no academic credit received). Forms to include the “Residency Affidavit,” the “Student Health History,” the “Senior Citizen Audit Application” and “Senior Citizen Audit Registration Form” These forms are available in the Registrar’s Office (MH 161) or at the Registrar’s website: http://www.registrar.ucf.edu. It is necessary to complete the required forms during the last hours of registration as noted in the “Academic Calendar” online at http://calendar.ucf.edu. Direct student expenses after the completion of registration include the campus ID card, vehicle registration and text books.

State of Florida Employee & UCF Employee Registration

State of Florida employee and UCF employee enrollment into courses for which the employee will seek a tuition waiver will occur on a space-available only basis on the last day of Registration each term at the time specified on the “Academic Calendar” online at http://calendar.ucf.edu. For waiver eligibility and application information, please refer to the Student Accounts website at http://www.studentaccounts.ucf.edu/.

Limited Non-Degree Seeking Applicants

This classification allows a student to enroll in selected courses when the student may have no immediate intention of pursuing a degree program. Most opportunities in this status will occur away from the Orlando campus, for courses that are taught out of the regular semesters or term cycle, or for special programs mandated by the State of Florida. Successful completion of courses while in this classification does not provide a basis for regular admission at a later date.

Programs using the Limited Non-Degree Seeking status include:

- High school Dual Enrollment
- Continuing Education
- Off-campus credit
- Soldiers-to-Scholars
- Regional Campuses
- Teacher Certification or re-certification

Undergraduate Catalog 2014-2015
Academic Regulations and Procedures

Students registering for classes in the Limited Non-Degree Seeking status are subject to the following regulations:

1. Students are required to provide evidence of their educational qualifications for attending classes in order to meet the intent of this enrollment classification.
2. Students who have been previously denied admission or disqualified for enrollment are not eligible.
3. Non-degree-seeking students are subject to the same rules and regulations as degree-seeking students.
4. Registration is permitted on a space-available basis.
5. A maximum of 15 undergraduate credit hours or 6 graduate credit hours may be earned as a limited non-degree seeking student.
6. International students may not register as non-degree-seeking since immigration regulations prevent foreign nationals from enrolling without admission to a degree or certificate program.
7. Limited Non-degree students are not eligible to receive financial aid nor to participate in intercollegiate sports.
8. Students must complete a Limited Non-Degree Seeking Status Registration Form.

Students registering in this category should be aware of the limitations of this status, and are encouraged to apply for regular admission to the University.

State Tuition Exemption Program (STEP) (National Guard) Registration

State Tuition Exemption Program (STEP-National Guard) students register on a space-available basis only. Registration is on a space-available basis during the last hours of registration as noted in the “Academic Calendar” online at http://www.registrar.ucf.edu/calendar. STEP students must present a “Certification” letter to Student Account Services (MH 109) to receive waiver of eligible fees. Registration before the time specified in the “Academic Calendar” online at http://www.registrar.ucf.edu/calendar will result in the student being assessed regular fees. The tuition fee waiver cannot be used for courses that require increased costs, including, but not limited to courses offered through the Center for Continuing Education, independent study, supervised research, supervised teaching labs, thesis hours, dissertation, internships, co-ops, internships, and independent study in music, art, and dance. Eligible members of the active Florida National Guard may receive a waiver of 50% of tuition and material and supply fees.

State University System (SUS) Florida Transient Students

An SUS Transient Student is a student in good standing who is seeking a degree from one of the other Florida public universities (SUS) and desires to take courses with UCF. Students must complete the “SUS Transient Application Form” which is available online at http://www.flvc.org. No application fee is required. The “SUS Transient Application Form” must be completed each term and should be completed online or delivered/mailed to the Registrar’s Office (MH 161), by the deadline noted in the “Academic Calendar” online at http://calendar.ucf.edu. Students should visit the Registrar’s Office website at http://www.registrar.ucf.edu or contact the Registrar’s Office for registration information at 407-823-3100.

UCF Students Attending Another Florida Public Institution

UCF students who desire to attend another Florida Public institution, to earn credit for transfer back into a UCF degree program, as a transient student, are encouraged to complete the “Transient Student Form” online, which is available on the Florida Virtual Campus website at http://www.flvc.org under “College Students” > “Transferring”. Students wanting to attend a Florida private institution or an institution outside the State of Florida may obtain a printed form from the UCF Registrar’s Office. The prior permission of the department, school, and college advising office is required to ensure that the courses attempted at another institution will transfer and meet the UCF Degree/General Education Program requirements.

UCF Students Attending a Non-SUS Institution

A UCF degree-seeking student desiring to earn credit at another college or university for transfer back into a UCF degree program must obtain prior transient approval for specific courses from the Dean or Department Chair of his/her respective college or school. Transient approval of courses to be applied to the UCF General Education Program must be obtained in advance from Academic Services (MH 210). Credit earned without prior transient approval may not be accepted. Plus/minus grades will be transferred for course work earned Fall 2001 and after using UCF’s grade point system. Because of graduation certification, students may not take courses in transient status during the term in which they expect to graduate. Student seeking transient status must complete the “Transient Approval Form,” available from the college or school advising office or at http://www.flvc.org and must submit the completed, approved and signed form to the Registrar’s Office (MH 161). Transient credit cannot be used to reduce the last 30 semester hour residency requirement for a baccalaureate degree, the last 20 semester hour residency requirement for an Associate of Arts degree, or any departmental residency requirements.

Enrollment and Degree Verifications

Students may obtain their enrollment verification online through myUCF at https://my.ucf.edu. Enrollment certification is free to currently enrolled students. Parents, employers, background checking firms, and other third parties agencies may request enrollment and degree verifications online at http://www.degreetrue.org. A fee will be assessed for all such requests. UCF has contracted with National Student Clearinghouse to provide current enrollment and degree verifications online 24 hours a day, seven days a week. National Student Clearinghouse Customer Service is available at 1-703-742-4200, Monday - Thursday, 9:00 a.m. - 7:00 p.m., & Friday, 9:00 a.m. - 5:00 p.m., ET.

Withdrawal Policy

The Withdrawal period for each term begins after the Drop/Swap deadline. Students remain fee liable for any classes from which they withdraw. Students may withdraw from a class and receive the notation of “W” until the deadline noted in the “Academic Calendar” online at http://calendar.ucf.edu. A student may withdraw from courses using myUCF at https://my.ucf.edu, or by visiting the Registrar’s Office (MH 161), certain college advising offices, or a Regional Campus records office. Students may withdraw by fax at 407-823-5652. Faxed requests must be received by 5:00 p.m. on the last day to withdraw and must include the student’s identification number, the course(s) from which to be withdrawn and his or her signature. Students seeking to withdraw in person must sign the request and must provide photo identification. The official date of withdrawal is the date the University receives the withdrawal request. Requests received by mail are processed using the postmark as the official date of withdrawal. Withdrawals from classes may have financial aid, NCAA eligibility or international visa consequences. Students should seek appropriate advisement prior to withdrawing from a class.

A student who withdraws from courses for an entire term with the intent of not returning to UCF must also drop courses for any future terms, or be fee and grade liable.

A student is not automatically dropped or withdrawn from a class by non-degree-seeking students, nor can an instructor drop or withdraw a student from a class.

Late Drop: Following the close of the Drop/Swap period each term as published in the academic calendar, students withdrawing from courses will incur both grade and fee liability. No drop is permitted after the drop/swap deadline except in extraordinary circumstances. Unsatisfactory academic performance is not an acceptable reason for drop after the deadline. Students seeking to petition for a late drop should contact the Office of Academic Services. Exceptional circumstances include, but are not limited to, death of an immediate family member, involuntary call to military service, or administrative errors created by the University. Late drops are normally for all courses taken in the term. If approved, a late drop includes a refund of tuition and fees, and the courses will not appear on the student’s academic records. Students must submit the completed petition and all supporting documentation for a late drop to Academic Services (MH 210) within six months of the term the late drop is sought.

Late Withdrawal: No withdrawal is permitted after the withdrawal deadline as published in the academic calendar except in extraordinary circumstances. Unsatisfactory academic performance is not an acceptable reason for withdrawal after the deadline. Students seeking to petition for a late withdrawal should contact the Office of Academic Services. If a late withdrawal is approved, grades of Withdrawn Passing (WP) or Withdrawn Failing (WF) will be recorded as assigned by the instructor(s) of the course(s). A grade of “WF” will affect the calculation of the student’s grade Point Average. Late withdrawals normally are for all courses taken in the term. If approved, a late withdraw...
drawal does not refund tuition, and the student is still fee liable for the late withdrawal courses. Students must submit the completed petition with all supporting documentation for a late withdrawal to Academic Services (MH 210) within one year of the end of the term for which the late withdrawal is sought.

**Medical Withdrawal:** Students who seek a withdrawal for the student's own medical reasons must apply for a medical withdrawal following the medical withdrawal procedure. Students seeking to petition for a medical withdrawal should contact the Office of Academic Services. A medical withdrawal is intended for a student whose own medical condition prevents them from completing the semester. All required forms must be submitted to initiate the review process. The student's physician provides the University with the appropriate medical information using the forms provided by the Office of Academic Services. A medical withdrawal must be for all classes in the term. Medical withdrawals can only be approved in cases where the student is unable to finish the term. The medical condition should have arisen during the given semester (and not be pre-existing), and of serious duration and effect. Medical withdrawals for consecutive semesters are not approved. Students must submit the completed petition with all supporting documentation for a medical withdrawal to Academic Services (MH 210) within six months of the end of the term for which the medical withdrawal is sought.

If a medical withdrawal is approved, a refund of tuition and fees is also approved, and a grade of Medical Withdrawal (WM) will be recorded for each course. A "WM" grade will have no effect on the Grade Point Average. Students who receive a medical withdrawal will be placed on hold for any subsequent semester until the University can determine that the student is ready to return. If a medical withdrawal is approved, it is expected that the student not enroll at the University in the immediately subsequent term, but will use that time to address the medical condition that necessitated the withdrawal. It is the student's responsibility to drop all courses for any future term or be fee and grade liable. If a medical withdrawal is not approved, the request may be considered as a late withdrawal. If approved as a late withdrawal, grades of Withdrawn Passing (WP) or Withdrawn Failing (WF) will be recorded as assigned by the instructor(s) of the course(s). A grade of "WF" will affect the calculation of the student's Grade Point Average. Students who apply for a medical withdrawal after the next semester has already begun may be dropped from their courses if the medical withdrawal petition is approved, because there is no evidence that they have addressed the medical condition for which the withdrawal was requested.

**Appeal:** Students whose academic record change petition has been denied have the right to appeal the decision to the Admission and Standards Committee. All documents supporting the appeal must be submitted within 30 days from the date of notification of the denial. The appeal must be based upon new or missing evidence not previously presented. Simply disagreeing with the decision is not grounds for an appeal.

**Withdrawal and Academic Behavior Violations**

If a student withdraws from a course while an allegedly academically dishonest act is under consideration, and the case is not subsequently resolved in favor of the student, the University reserves the right to assign the appropriate grade for the course.

Should an alleged violation of academic behavior standards arise before the withdrawal deadline in a term, the instructor shall notify the unit head who will notify the University Registrar that the student shall not be withdrawn from the course in question. Only a written release from the authorized party deciding a student appeal will permit withdrawal. However, if the student appeals the academic action and desires to withdraw from the course, the process shall be initiated by the student immediately in the normal University manner. Such withdrawal requests will be held in abeyance until a ruling on the appeal is obtained. If resolved in favor of the student, the withdrawal request will be processed at the time. The individual empowered to rule on the student appeal shall appropriately notify both the University Registrar and the Director of the Office of Student Rights and Responsibilities or designee of the outcome. For additional information regarding Academic Behavior Violations, see the current Golden Rule (http://www.goldenrule.sdes.ucf.edu).

**Grade System**

The University uses an alphabetic system to identify student grades and other actions regarding student progress or class attendance. Beginning Fall 2001, a plus/minus grading system became effective, with a grade point equivalent per semester hour as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points Per Semester Hour of Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.75</td>
</tr>
<tr>
<td>B+</td>
<td>3.25</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.75</td>
</tr>
<tr>
<td>C+</td>
<td>2.25</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.75</td>
</tr>
<tr>
<td>D+</td>
<td>1.25</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.75</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

* NC - No Credit

*Available only in CHM 1032, CHM 2040, CHM 2041, CHM 2045C, CHS 1440, ENC 1101, ENC 1101H, ENC 1102, ENC 1102H, MAC 1105CH, MAC 1105H, MAC 1114C, MAC 1140C, MAC 1140H, MAC 2147, MAC 2233, MAC 2241, MAC 2253, MAC 2261, MAC 2281H, MAC 2311C, MAC 2311H, and STA 2014C. In these classes NC replaces the use of D+, D and D-.

**Legend**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Action</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>-</td>
</tr>
<tr>
<td>N</td>
<td>No grade reported by instructor</td>
<td>(followed by grade)</td>
</tr>
<tr>
<td>R</td>
<td>Repeated course (Grade Forgiveness)</td>
<td>-</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory (w/credit)/Satisfactory Progress</td>
<td>(Research, Thesis, or Dissertation)</td>
</tr>
<tr>
<td>T</td>
<td>(followed by grade) Subsequently repeated (no credit)</td>
<td>-</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory (no credit)</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn</td>
<td>-</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawn Failing</td>
<td>0.00</td>
</tr>
<tr>
<td>WH</td>
<td>Health Form Withdrawal</td>
<td>-</td>
</tr>
<tr>
<td>WM</td>
<td>Medical Withdrawal</td>
<td>-</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawn Passing</td>
<td>-</td>
</tr>
<tr>
<td>X</td>
<td>Audit (no credit)</td>
<td>-</td>
</tr>
</tbody>
</table>

The designation of "N" will be assigned temporarily by the Registrar’s Office only in the case when a grade has not been submitted by the faculty by the grade submission deadline. The designator will be replaced by the earned letter grade at the earliest opportunity in the term that immediately follows and prior to graduation. The "N" designator may not be assigned by the instructor.

In the event of academic dishonesty, faculty members may assign a Z in front of a final course grade on a student's academic record. For further information regarding the addition, removal and appeals process of the Z designation, see http://z.ucf.edu/.

The Grade Point Average (GPA) is the average grade of all courses per semester hour attempted. GPA is computed by dividing the total number of credit hours attempted, less hours resulting from NC, W, WP, and I grades, by the total number of credit hours attempted, less hours resulting from NC, W, WP, and I grades. GPA is recalculated after each term; for Summer GPA is recalculated only after all Sessions and end of term. The GPA for graduation requirement is a minimum UCF 2.0 ("C").

**Example:** A student has completed 13 credit hours for a given term. To calculate the Term GPA:

1. Multiply the number of credit hours per course by the number of grade points per grade. Then add each amount to arrive at the total number of grade points earned for that term:
   - Course #1: B+ = 3 credit hours x 3.25 grade points = 9.75
   - Course #2: A- = 3 credit hours x 3.75 grade points = 11.25
   - Course #3: A = 4 credit hours x 4.00 grade points = 16
   - Course #4: B = 3 credit hours x 3.00 grade points = 9
   
   Total credit hours = 13 credit hours = 46 total grade points

2. Divide the total number of grade points by the total number of credit hours earned that term:
   
   46.00 total grade points / 13 credit hours = 3.54 GPA for that term.

**UCF Cumulative GPA**

If prior to this term the student had earned a total of 162 grade points for a combined 54 term hours of coursework, his or her cumulative grade point average entering this term would be 162/54 = 3.00. Including this term of coursework, the cumulative grade point average would be (162 + 46) / (54 + 13) = 3.10.
Incomplete Grade
A grade of “I” (Incomplete) may be assigned by the instructor when a student is unable to complete a course due to extenuating circumstances, and when all requirements can be completed in a short time following the end of the term. When an instructor assigns an “I” grade, the student is notified through email about the grade. The student is responsible to arrange with the instructor for the completion of the requirements of the course. Effective with Incomplete grades assigned in the Fall semester 1997 and thereafter, a student cannot graduate from the University with an “I” on the transcript. The Incomplete must be changed within one year of the last day of the term attempted or prior to graduation from the University, whichever comes first. Unresolved Incomplete grades automatically will be changed to “F” by the Registrar’s Office. Unresolved “I” grades in courses graded with “S” or “U” will be converted to “U.”

Grade Change
A grade change is the change of any originally assigned grade to another grade, including grades of “I” and grades earned by administrative withdrawals. GPA is recalculated after the grade changes. Other than medical withdrawals will be considered only during the term immediately following the one in which the grade was assigned, except that grades assigned during the Spring semester may be changed during either the following Summer term or Fall semester. A change in grade must be approved by the dean of the college or school. A grade will not be changed after a degree has been conferred. The Registrar will change a student’s academic status if necessitated by a change of grade, except in cases of academic suspension. If a student is suspended, the Admissions and Standards Committee may review the suspension and readmit the student if the Committee decides readmission is warranted.

Grade Reports
Grades are available from myUCF at https://my.ucf.edu.

Attendance, Absences, or Unsatisfactory Work
Under University policy, students are not authorized to attend class unless they are on the class roll, or have been approved to audit and have paid audit fees. Students are responsible for satisfying the entire range of academic objectives as defined by the course instructor and ensuring that their class work and attendance are satisfactory. Students should understand that attendance policies and procedures vary among instructors and academic units, and they must observe any attendance policies set forth by their college, department, program, or instructor. Reasons for acceptable absences may include illness, serious family emergencies, special curricular requirements (e.g., judging trips, field trips, professional conferences), military obligations, severe weather conditions, and religious holidays.

Students also should be excused for participation in official University-sponsored activities, such as music performances, athletic competition, or debate. Students chosen for such events, including intercollegiate athletics, band, choir, and academically related programs, shall be listed on a “Program Verification” form. Program Directors shall provide each student with a copy of this form. It is the student’s responsibility to present a copy of this form to the faculty member(s) responsible for the class from which the student will be absent. This verification is to be provided prior to the class period whenever possible and no later than the first class following the event. A copy of the form listing students selected to represent the University and signed by the Program Director shall be filed with the Office of Student Rights and Responsibilities (FC 155). If further verification is needed, contact the Office of Student Rights and Responsibilities (FC 142; 407-823-6960) or, for athletic events only, Academic Services for Student-Athletes, Wayne Densch Sports Center, 103A; 407-823-5896.

Absences from classes for court-imposed legal obligations (e.g., jury duty and subpoenas) must be excused. The student may offer other sound reasons. When absences threaten a student’s satisfactory completion of a course, the instructor may report the absence to the appropriate Dean of the student’s college/school and may choose to call upon the college/school office to request additional information and insight into the significance of or reason for the absences.

Classroom Responsibility
Students are responsible for maintaining classroom decorum appropriate to the educational environment. When the conduct of a student or group of students varies from acceptable standards and becomes disruptive to normal classroom procedures, the instructor has the authority to remove the offending party from the room and refer the student to the Office of Student Conduct (FC 142) for disciplinary action.

In the event of academic dishonesty, faculty members may assign a Z in front of a final course grade on a student’s academic record.

For further information regarding the addition, removal and appeals process of the Z designation, see http://z.ucf.edu/.

Student Conduct
Students are subject to federal and state laws and local ordinances as well as regulations prescribed by the University of Central Florida and the Florida Board of Governors. The breach or violation of any of these laws or regulations may result in disciplinary action. Detailed conduct regulations and procedures are presented in The Golden Rule.

It is the practice of the University of Central Florida to reasonably accommodate the religious observances, practices, and beliefs of individuals in regard to admissions, class attendance, and the scheduling of examinations and work assignments. A student who desires to observe a religious holy day of his or her religious faith must notify his/her instructors at the beginning of the term to be excused from classes to observe the religious holy day.

The student will be held responsible for any material covered during the excused absence, but will be permitted a reasonable amount of time to complete any work missed. Where practicable, major examinations, major assignments, and University ceremonies will not be scheduled on a major religious holy day.

Students who are absent from academic or social activities because of religious observances will not be penalized. A student who believes that he/she has been unreasonably denied an educational benefit due to his/her religious belief or practices may seek redress in accordance with the Student Grievance Procedure, as listed in The Golden Rule.

Student Classifications
Students will be classified by level, on the basis of credit hours satisfactorily earned as follows:

- Freshman: 0-29 credit hours
- Sophomore: 30-59 credit hours
- Junior: 60-89 credit hours
- Senior: 90 or more credit hours

Students who are absent from academic or social activities because of religious observances will not be penalized. A student who believes that he/she has been unreasonably denied an educational benefit due to his/her religious belief or practices may seek redress in accordance with the Student Grievance Procedure, as listed in The Golden Rule.

Post-Baccalaureate:
Any student enrolled in courses, regardless of course level (except one working toward another baccalaureate degree), who has a baccalaureate degree but has not been admitted to a graduate program. All post-baccalaureate students are considered as non-degree undergraduates for all University policies and procedures.

Graduate:
Any student enrolled in graduate courses who has been admitted to a graduate program.

Other Student Classifications:
Auditor:
A student registered for any credit course who is not seeking credit.

Co-op Student:
A student enrolled in the Center for Cooperative Education and Applied Learning Program remains a registered student during all off-campus assignment semesters. Furthermore, there is no lapse in continuity in the co-op academic calendar; a co-op student either is on assignment or attending class during each term.
Special Student: A student of demonstrated academic ability who does not meet the regular requirements for admission (Early Admission, non-degree-seeking, transient, and auditor).

Temporary: A student who applied before the deadline and who is permitted to register and attend class pending completion of the admission file.

Transient: Students temporarily registered (for one term) at UCF with the approval of another university or college where they are regularly enrolled, or a UCF student temporarily in attendance at another university or college, with the approval of UCF. A UCF student may not be enrolled as a Transient student in another institution during the term in which the baccalaureate degree or the A.A. degree is to be awarded.

Limited Non-Degree Seeking: A student earning credit but not working on a degree program.

Provisional: A student entering from a regionally unaccredited high school, college, or university may be admitted on provisional status where appropriate. By obtaining a minimum 2.0 GPA (“C” average) at the end of the first term of attendance, the provisional status will be removed. Earning less than a “C” (2.0) average the first term would result in disqualification.

Academic Honors

President's Honor Roll Certificate (Full-Time Award) The President's Honor Roll Certificate (Full-Time Award) is awarded in recognition of scholastic honors to degree-seeking undergraduate students who maintain a 4.0 GPA, complete 12 or more hours, excluding satisfactory/unsatisfactory course work, and did not earn any “I,” “U,” “N,” “NC” or “WF” grades during a given term.

President's Honor Roll Certificate (Part-Time Award) The President's Honor Roll Certificate (Part-Time Award) is awarded in recognition of scholastic honors to degree-seeking undergraduate students who maintain a 4.0 GPA in two consecutive part-time terms. The student must complete at least 15 hours, with no more than 11 in each consecutive term, excluding satisfactory/unsatisfactory course work, and not earn any “I,” “U,” “N,” “NC” or “WF” grades during a term. Hours utilized in the awarding of a President’s Honor Roll Certificate may not be utilized in the determination of a subsequent certificate.

Dean's List The Dean’s List is compiled in recognition of scholastic honors to degree-seeking undergraduate students who earn a minimum 3.4 GPA, complete a minimum of 12 credit hours, earn no grade less than “C” (2.0) and no “I,” “U,” “N,” “NC” or “WF” grades during a term.

Baccalaureate Honors and Diplomas The University shall confer baccalaureate honors recognition to degree-seeking undergraduate students who earn a minimum 3.4 GPA, complete a minimum of 12 credit hours, earn no grade less than “C” (2.0) and no “I,” “U,” “N,” “NC” or “WF” grades during a term.

Magna Cum Laude for those students in the upper 2.5 percent of their class.

Cum Laude for those students in the upper 10 percent, but not in the upper five percent.

Honors in the Major Please see “Honors in the Major” in The Burnett Honors College portion of the Undergraduate Catalog.

Grade Forgiveness Grade Forgiveness offers a student the opportunity to retake a course and earn a second grade that will be substituted for the previous grade. You may apply for Grade Forgiveness online at http://my.ucf.edu > Student Self Service > Student Center. Requests must be submitted no later than the withdrawal deadline for the term/session in which the student has registered for the course being repeated. Consult the web calendar at http://calendar.ucf.edu. The following policies apply:

1. Grade Forgiveness is limited to two courses;
2. Grade Forgiveness may not be used twice for the same course;
3. Grade Forgiveness will only be awarded if the original and repeat courses both are taken at UCF;
4. All grades will remain on the student’s official transcript. The original course grade will be marked with a “T” to indicate that the course subsequently has been repeated, or a note describing the initial attempt, and the repeat course grade will be marked with an “R.” The original grade will appear on the transcript but only the repeated course grade will be calculated into the GPA or meet degree requirements;
5. If it is determined that the student is ineligible for the Grade Forgiveness policy, neither a refund of fees nor automatic withdrawal from the course will be made. In addition, if the student is ineligible, the two grades will be averaged for the calculation of the GPA;
6. If a student applies for Grade Forgiveness and later withdraws, or receives an “I” grade or “NC” grade in the course, the attempt will count as one of the allotted Grade Forgiveness attempts, and the GPA will calculate both grades;
7. UCF does not honor Grade Forgiveness granted at other institutions unless it is part of an Associate in Arts or a specific statewide articulated Associate in Science degree transferred from a Florida College System institution or State University. Grade forgiveness awarded within a bachelor’s degree from a Florida State System institution is not honored at UCF. UCF’s Grade Forgiveness policy may not be honored by other colleges, universities, professional schools, or national testing associations;
8. Due to the two-course limit, a student who has repeated two or more courses at a Florida College System institution or State University and included those courses in the transfer of an AA or a specific statewide articulated AS degree will not be granted any Grade Forgiveness at UCF;
9. Grade Forgiveness awarded for repeated courses will not retroactively alter any previous academic action (i.e. academic probation or disqualification). In addition, no academic records can be altered after a student graduates;
10. Grade Forgiveness is not retroactive and, therefore, may not be used for a course repeated before Fall 1981. If a student who repeated a course at UCF before 1981 and did not use the previous forgiveness policy may repeat the course again. In this case, the lower of the previous two grades will be forgiven. This special circumstance is the only one in which a student will be allowed to repeat a course more than once; and,
11. With prior approval from the Dean’s office in which the course is offered, a student can only substitute a course different from the original one if: 1) the substitute course reflects a change in prefix, number, hours, or title but not in substance; or 2) the substitute course replaces a course no longer offered by UCF.

Repealed Enrollment in Same Course: Beginning Fall 1997, a student enrolled in the same undergraduate college credit course more than twice shall pay matriculation at 100% of the full cost of instruction (Non-Florida Resident rates).

Academic Standing All academic actions are shown on myUCF at https://my.ucf.edu and on the transcript. The action is generated due to course completion. Changing a course grade does not necessarily change academic action. An exception may be made when an error is committed and is so stated by the instructor on the “Change of Grade Request Form.”
Academic Regulations and Procedures

Good Standing
Good standing indicates only that the student is meeting the minimum academic standard for retention by the University (minimum term GPA, 2.0). To meet graduation requirements, however, the student must have a minimum UCF GPA of 2.0.

Academic Probation
Action taken when a student’s UCF cumulative GPA drops below 2.0. Academic Probation will continue until the current term and UCF cumulative GPA reach 2.0 or better.

First-time-in-college students may be admitted on Academic Probation at the discretion of the Undergraduate Admissions Office or the Admissions and Standards Committee. Transfer students may be admitted on Academic Probation at the discretion of the Undergraduate Admissions Office or the Admissions and Standards Committee. Academic Probation is intended to inform students making unsatisfactory progress of their need to alter study habits and seek additional counseling. Early recognition will indicate to the student the possible jeopardy to academic goals and will also allow an opportunity to demonstrate acceptable performance.

Disqualified (First Suspension)
A student on Academic Probation is Disqualified upon failure to achieve a minimum 2.0 GPA during the subsequent term. A student who is Disqualified may not enroll at the University for two semesters following disqualification. Readmission after two semesters is not automatic. Disqualified students are required to have completed the Florida AA degree, or have completed UCF’s general education program and Gordon Rule requirements, before petitioning for readmission. A Disqualified student must submit an application for readmission supported by a letter documenting the reasons for previous academic difficulties, clear evidence of satisfactory academic performance since leaving the university, and plans for achieving a GPA of 2.0 or better. A disqualified student is limited to petition for readmission once per year (365 days). The total record will be reviewed and action on readmission will be taken by the University Registrar. Any Disqualified student whose UCF grade point deficiency is equal to or greater than 30 grade points is not eligible for readmission.

For readmission purposes only, “grade point deficiency” is defined as the number of UCF credit hours earned with a “B” (3.0 GPA) grade that a student requires to raise his or her UCF grade point average to 2.0.

Readmission Following Suspension: Disqualification, with a Grade Point Deficiency of Less than 30 Grade Points
A student who has been academically Disqualified by UCF (with a grade point deficiency less than 30 grade points) who has completed the two term academic suspension period may petition for readmission by submitting the “Readmission Application Form” to the Registrar’s Office. For readmission purposes only, grade point deficiency is defined as the number of UCF credit hours earned with a “B” (3.0 GPA) grade that a student requires to raise his or her UCF grade point average to 2.0. A student’s grade point deficiency is calculated when the student applies for readmission. The petitioning student must satisfy the following requirements before a decision will be made:

1. Submit a written statement indicating the reason for the previous academic difficulties and a plan for ensuring success in future terms;
   a. The written statement should be limited in length to one typed page; it must be signed and dated, and include the student’s UCF Personal Identification Number (PID);
   b. A “Readmission Application Form” not accompanied by the required written statement will not be reviewed;
2. Contact the Registrar’s Office for information specific to readmission following disqualification. Please note that a plan to complete the program of study from your intended major’s department/school/college may be required as part of the readmission application packet. Until removed from probationary status following readmission, a student will not be allowed to change majors unless prior approval is authorized by all departments/schools/collages offering the student’s current field of study and the field of study to which the student is seeking the change; and
3. Submit to the Registrar’s Office official transcripts from all other schools attended during suspension (if applicable).

Readmission Prior to Completion of the Required Suspension
A student who has been academically Disqualified by UCF who has not completed the academic suspension period is not eligible for readmission.

Any readmitted student whose UCF GPA is less than 2.0 at the time of the last enrollment at the University will be readmitted on “Academic Probation.”

All applicants seeking readmission who have attempted course work at another regionally accredited institution since last attending the University will be required to be in “Good Standing” (minimum 2.0 GPA) at the last institution attended with no allowance for grade forgiveness and must be eligible to return to the last institution attended.

Readmission Following Suspension: Disqualification, with a Grade Point Deficiency of Less than 30 Grade Points
A student who has been academically Disqualified by UCF (with a grade point deficiency less than 30 grade points) who has completed the two term academic suspension period may petition for readmission by submitting the “Readmission Application Form” to the Registrar’s Office. For readmission purposes only, grade point deficiency is defined as the number of UCF credit hours earned with a “B” (3.0 GPA) grade that a student requires to raise his or her UCF grade point average to 2.0. A student’s grade point deficiency is calculated when the student applies for readmission. The petitioning student must satisfy the following requirements before a decision will be made:

1. Submit a written statement indicating the reason for the previous academic difficulties and a plan for ensuring success in future terms;
   a. The written statement should be limited in length to one typed page; it must be signed and dated, and include the student’s UCF Personal Identification Number (PID);
   b. A “Readmission Application Form” not accompanied by the required written statement will not be reviewed;
2. Contact the Registrar’s Office for information specific to readmission following disqualification. Please note that a plan to complete the program of study from your intended major’s department/school/college may be required as part of the readmission application packet. Until removed from probationary status following readmission, a student will not be allowed to change majors unless prior approval is authorized by all departments/schools/collages offering the student’s current field of study and the field of study to which the student is seeking the change; and
3. Submit to the Registrar’s Office official transcripts from all other schools attended during suspension (if applicable).

The Registrar’s Office will review the readmission application only when it receives all of the documents listed above. A student denied readmission by the Registrar’s Office has thirty (30) days from the date of the denial to appeal that decision to the Admissions and Standards Committee. See “Right of Appeal” below for details.

Disqualified students are limited to one readmission appeal during the disqualification period.

Readmission Following Non-Enrollment for Two Consecutive Semesters
The student must complete and submit the “Readmission Application Form,” available at the Registrar’s Office or online at http://www.registrar.ucf.edu. If the student has attended another regionally accredited institution since leaving UCF, the student must request an official transcript be sent to the Registrar’s Office. If the student was previously admitted to a UCF limited-access program, the student will be placed in pending status for that major and must apply to the College for readmission to the program. Plus or minus grades will transfer for course work earned Fall 2001 and after using UCF’s grade point system.

Readmitting students classified as a “Florida resident” during the last term at UCF who have resided outside of the State of Florida for one year may not be eligible for readmission as a Florida resident for tuition purposes. Students approved for readmission may be classified as a non-resident for tuition purposes and must submit documentation to the Registrar’s Office establishing his or her eligibility for Florida residency for tuition purposes. For eligibility requirements, refer to ‘Florida Residency for Tuition Purposes’ within “Financial Information” of the Undergraduate Catalog.

UNIVERSITY OF CENTRAL FLORIDA 62 Undergraduate Catalog 2014-2015
readmission to the University. Students may appeal for an exception to this policy to the Admissions and Standards Committee. See 'Right of Appeal' below for details. Disqualified students are limited to one readmission appeal during the disqualification period and one appeal per 12-month period following the disqualification period.

Readmission Following Suspension: Disqualification (with a Grade Point Deficiency of 30 or more Grade Points)
Students who are disqualified (with a grade point deficiency of 30 grade points or more) are not eligible for readmission to the University. The Registrar’s Office will deny readmission to ineligible students. A student denied readmission by the Registrar’s Office has thirty (30 days) from the date of the denial to appeal that decision to the Admissions and Standards Committee. See ‘Right of Appeal’ below for details. For readmission purposes only, grade point deficiency is defined as the number of UCF credit hours earned with a “B” (3.0 GPA) grade that a student requires to raise his or her UCF cumulative grade point average to 2.0. A student’s grade point deficiency is calculated when the student applies for readmission. A student must remain on readmission plan until removed from probationary status following readmission, a student will not be allowed to change majors unless prior approval is authorized by all departments/schools/collages offering the student’s current field of study and the field of study to which the student is seeking the change.

Dropping or Withdrawing During Readmitted Term
Disqualified or excluded students who drop or withdraw from all courses during the readmitted term for whatever reason must apply for readmission.

Limitations on the Number of Readmission Appeals
Disqualified students are limited to one appeal for an exception to University policy to the Admissions and Standards Committee during the disqualification period and one appeal per 12-month period following the disqualification period.

Excluded students are not eligible to appeal for an exception to University policy to the Admissions and Standards Committee.

Non-Academic Admission Clearances
According to the Florida Board of Regents Rule 6C-6.001(2) “...If determined not to be in the best interest of the University to admit an applicant because of past misconduct the University may do so.” This authorizes universities to refuse readmission to applicants due to past misconduct. The University further requires the Vice President of Student Development and Enrollment Services or his/her designee to review all applications disclosing information regarding any prior criminal conviction or conduct problem at another institution and to make a decision as to whether the admission of this applicant will be in the best interest of the University. This statement describes the procedure and assigns responsibility for the review of these applications for admission. Applicants who fail to disclose any prior criminal conviction or conduct problem at another institution and such fact is subsequently discovered by the University shall be denied admission or readmission, or other academic and/or disciplinary action up to and including expulsion.

Appeal
There is no appeal of the University’s decision not to admit or readmit a student based on past misconduct. According to the Florida Administrative Code 6C-6.001(4): “Applicants denied admission shall be given notice of the denial within a reasonable period of time following the decision. Upon the applicant’s written request, the University shall provide the reasons for the rejection in writing.”

Admissions and Standards Committee
The Admissions and Standards Committee is a reporting committee of the Faculty Senate. Its membership includes faculty and non-faculty representatives of the faculty Senate, several academic colleges, the Division of Student Development and Enrollment Services, and Student Government Association. The Admissions and Standards Committee meets regularly to consider appeals from: 1) persons denied admission; 2) students denied readmission; and 3) student appeals of University academic actions, policies or standards. All decisions rendered by the Admissions and Standards Committee are final. Decisions can only be appealed in the event new evidence or information has been determined by the Chair of the committee to be relevant and is subsequently approved for further committee review.
To apply for entrance into the Academic Amnesty Program, the student must:

1. Gain the written support for the Academic Amnesty Program from the student’s college or school and present to the Admissions and Standards Committee an academic plan of action approved by the college advising office. This plan will include the following:
   a. The specific terms of the student’s academic history to be nullified by satisfactory completion of the Academic Amnesty Program;
   b. Approved courses in which the student will enroll during the two terms that comprise the Academic Amnesty Program;
   c. Any additional requirements mandated by the college advising office (i.e., academic advising or mentoring, required tutoring or academic support services, etc.); and
   d. Complete and submit an Academic Amnesty Agreement to the Admission and Standards Committee.

2. The UCF Admissions and Standards Committee will determine a student’s eligibility for entrance into the Academic Amnesty Program.

Athletic Eligibility and Retention Committee

The Athletic Eligibility and Retention Committee (AERC) has oversight of the athletic participation of students who engage in intercollegiate athletics. It relies on information gathered from the Office of Athletic Compliance, the Office of Academic Services for Student-Athletes, coaches, and the individual student. Student-athletes who desire to continue their athletic participation while being on academic probation must have the written support of their coach, complete a written document stating their methods and dedication to improve their level of academic achievement and the approval of the AERC. The committee shall review each applicant’s academic potential and current status and determine conditions for the individual’s degree of continued participation in intercollegiate athletic activities.

Name Changes

To change the legal name maintained on the student’s official UCF record, the student must submit a completed “Change of Name” form and supporting documentation to the appropriate UCF office. Attach to the form a copy of a legal name change document (e.g., marriage certificate, divorce decree, etc.). Undergraduate students must submit the form to the Registrar’s Office (MH 181), Graduate students must submit the form to the Graduate Studies Office (MH 230). Current UCF employees and those students who have been UCF employees within 12 months of the date the name change is requested must submit the form to the Human Resources Office (12565 Research Parkway). The “Change of Name” form is available from the Registrar’s Office at MH 181 or online at http://www.registrar.ucf.edu.

In addition to legal name changes, the University provides students the option for a Preferred Name. Students wishing to establish a preferred name option may accomplish this by submitting the Change of Name Form to the Registrar’s Office.

Address and Email Changes

The student’s address is initially obtained from the “Application for Admission or Readmission.” It is the students’ responsibility to make appropriate changes to the address online at myUCF as they occur. Address and email changes also can be made by writing the Registrar’s Office, P.O. Box 160114, Orlando, FL 32816-0114 or fax to 407-823-5652. Written requests must be signed and the student identification number provided.

Transcript Requests

Requests for official transcripts are made online via myUCF (https://my.ucf.edu), through the Registrar’s Office in person, or by mail. “Transcript Request Forms” are also available on the Registrar’s Office website at http://www.registrar.ucf.edu/forms/transcript_request/. A student’s academic record can be released only upon written authorization signed by the student. Telephone and email requests are not accepted. Transcripts cannot be released if the student is on hold due to a financial obligation to the University. Transcript requests must include the student’s signature, full name, identification number, and the name and complete address of the person(s) or organizations to whom transcripts are to be sent. If final grades or degree statement are needed, indicate that the transcript request is to be held until all requested data are posted.

A $10 per transcript charge is assessed for each transcript request. Payment for official transcripts is required at the time of request and may be satisfied by credit card, cash, check or money order (made payable to UCF), or UCF Card. Requests received by mail must be accompanied by a check, money order, or credit card information (i.e., card type, card number, 3-digit Security Number, expiration date, and the name to which the card is registered.) Cash payments can be accepted only by the Cashier’s Office during that office’s regular business hours. The UCF Card payment option is available only at the main Orlando campus and must be made in person at the Registrar’s Office (MH 161). Mail written requests for transcripts to: Registrar’s Office, Attn: Transcripts, P. O. Box 160114, Orlando, FL 32816-0114. Requests require at least 2 business days to process. Transcripts not claimed with 30 days of printing will be discarded and must be reordered. A $10.00 per reordered transcript fee must be submitted with the reorder request. Grades are available from myUCF at https://my.ucf.edu.

Third Attempt Course Repeat Surcharges

All students enrolled in undergraduate courses for the Fall 1997 term and beyond are subject to an additional surcharge fee when they enroll in the same undergraduate college credit course three or more times. Completed courses, withdrawals, and courses with incomplete grades are counted as attempts, including courses repeated in order to raise the GPA or to achieve a specific grade. Courses that specify they may be repeated for credit are exempt. Students seeking exemptions for extenuating circumstances or financial hardship may submit a written petition with documentation to the Fee Appeals Committee, Student Account Services (MH 109). Exemptions to the third attempt surcharge will be considered through a Fee Appeal Process.

Exceptions to the repeat course fee requirement shall be based only on extenuating circumstances, or financial hardship.

Extemuating Circumstances

Those circumstances determined by the University to be exceptional and beyond the control of the student. These may include, but not be limited to, the following:

1. Medical condition or serious illness preventing completion;
2. Death of an immediate family member;
3. Involuntary call to active duty; or,
4. Other emergency circumstances or extraordinary conditions.

Special Limitation: students who withdraw or fail a class due to extenuating circumstances may be granted an exemption only once for each class.

Financial Hardship:

Should include, but not be limited to, the following:

1. Qualification for federal need-based financial aid; or,
2. Other documented financial hardship may be considered.

For details, contact Student Account Services (MH 109) at 407-823-2433.

Major, Minor, Undergraduate Certificate Policies

Policy for Undeclared Students

All students at the University of Central Florida are expected to officially declare a major prior to earning 45 college credit hours (this includes credits earned from CLEP, Dual Enrollment, AP and IB). An administrative Hold to prevent future university registration will be placed on the records of all students that have not declared a major. Students must meet with an academic advisor (within Student Development and Enrollment Services, the Colleges, or Regional campuses) to have the hold released.

Majors

The University assigns the major that the student indicated on the Application for Admission or Readmission. It is the student’s responsibility to make appropriate major changes. Students who change majors between different colleges must adopt the most current Catalog. Students changing from a declared major to an “Undeclared” or “Undecided” major also must adopt the most current Catalog. For each of these students, the University will automatically update the
Catalog year when processing the change in major. Students may retain their Catalog when changing tracks/concentrations within the same major (e.g., English: Literature to English: Creative Writing), or when changing a “Pending” category to the equivalent major (e.g., “Business Pending” to “Accounting”). If the new major is a different subject from the “Pending” major (e.g., “Business Pending” to “History”), the student must adopt the most current Catalog and the University automatically will update the Catalog year when processing the change in major. If they have not interrupted residency, students entering UCF in an “Undeclared” or “Undecided” category may retain their Catalog when initially selecting a major. Students can change majors online at [https://my.ucf.edu > Student Self Service > Student Center > other academic (drop down menu) > Change Major: Request]. Follow the directions on that page.

Minors
A Minor is a complement to a bachelor’s degree program/major requiring at least 18 credit hours in a field. A student may declare a minor at any point during the first term of enrollment up to but no later than the online submission of the online “Intent to Graduate Form.” Students strongly are urged to declare a minor as early as possible. Minors are optional unless required by your specific major. All graduation requirements (i.e., the minor and major) must be from a single UCF Undergraduate Catalog for which a student is eligible. Minors must be certified at the same time as the student’s baccalaureate degree. Unless a second degree is earned, certification will not be made at a later time even if additional courses have been completed. Students can declare, change, or drop minors online at [https://my.ucf.edu > Student Self Service > Student Center > other academic (drop down menu) > Change Major: Request]. Follow the directions on that page.

Undergraduate Certificates
An Undergraduate Certificate is a supplement to the bachelor’s degree program/major. Certificates are optional. Students must be admitted in a degree seeking program to be eligible to receive an Undergraduate Certificate, and a Certificate will only be granted together with completion of a UCF baccalaureate degree. All graduation requirements (i.e. the certificate and major/minor) must be from the same UCF Undergraduate Catalog for which a student is eligible. Certificates can be declared or changed online at [https://my.ucf.edu]

Student Records
Student records submitted become the property of the University and cannot be returned to the student or released to a third party. Copies of student records will be released only upon receipt of a written request signed by the student. Student records are stored in paper form or are digitally scanned. Once the student has been absent from the University for three academic years, all records may be transferred to optical disk storage and the paper copies destroyed.

Family Educational Rights and Privacy Act (FERPA)
The procedures for protecting the confidentiality of student records are based on state regulations and the federal Family Educational Rights and Privacy Act of 1974. FERPA affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student’s education records within 30 days of the day the University receives a written request for access. Students should submit to the University Registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they desire to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed;

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

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

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by a State 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

Directory Information
FERPA authorizes the University to classify certain information concerning students as “directory information,” which means that it may be released to anyone upon request. Directory information at UCF includes:

- name
- current mailing address
- telephone number
- date of birth
- major field of study
- dates of attendance
- enrollment status
- degrees and awards received
- participation in officially registered activities and sports
- athletes’ height and weight

The University extends to students the opportunity to withhold even directory information from disclosure, by opting out of the University’s directory information policy. Students can do this online at [https://my.ucf.edu > Student Self Service > Student Center > Personal Information > FERPA/Directory Restriction or complete the Directory Disclosure/Release Authorization form available at the Registrar’s Office (MH 161) or at [http://www.registrar.ucf.edu], requesting that this information be withheld.

Other Disclosures:
FERPA also authorizes the University to forward educational records to other agencies or institutions that have requested the records AND in which the student seeks or intends to enroll or is already enrolled so long as the disclosure is for purposes related to the student’s enrollment or transfer.

All other disclosures of education records and information will be made in accordance with FERPA. In most cases, but not all, this requires the student’s prior written and signed consent. The Golden Rule outlines the University procedures for confidentiality. For additional information describing FERPA policy, enter the Department of Education Family Policy Compliance Office website at [http://www.ed.gov/offices/OM/FPCO/].

Higher Education Act
Lists, descriptions, and sources of information required for disclosure under the Higher Education Act may be obtained from the Registrar’s Office (MH 161) from [http://www.registrar.ucf.edu/hes/].
### Advanced Placement (AP)

**Exam** | **Score of 3** | **GEP Usage** | **Score of 4** | **Score of 5** | **GEP Usage**
---|---|---|---|---|---
Art History | ARH 1000 | SCI Found 2 | ARH 2050 and 2051 | Same as 4 | CUL & HIS Found 2
Biology | BSC 1005/1005L | SCI Found 2 | BSC 2010C and 2011C | Same as 3 | MAT Found 1
Calculus AB | MAC 2311 | MAT Found 1 | MAC 2311 and 2312 | Same as 4 | MAT Found 1
Calculus BC* | MAC 2311 | MAT Found 1 | MAC 2311 and 2312 | Same as 4 | MAT Found 1
Chemistry | CHM 1020 & 1020L | SCI Found 1 | CHM 2045 or 2046 | Same as 3 | SOC Found 1
Chinese Language & Culture | CHI 2200 | SCI Found 1 | CHM 2045 or 2046L | Same as 3 | CUL and HIST Found 2
Computer Science A | CGS 1075 | MAT Found 2 | Same as 3 | Same as 3 | MAT Found 2
Computer Science AB | CGS 1076 | MAT Found 2 | Same as 3 | Same as 3 | MAT Found 2
Economics: Macro | ECO 2013 | SOC Found 1 | Same as 3 | Same as 3 | SOC Found 1
Economics: Micro | ECO 2023 | SOC Found 1 | Same as 3 | Same as 3 | SOC Found 1
English Language and Composition | ENC 1101 | COM Found 1 | ENC 1101 and 1102 | Same as 4 | COM Found 1 and 2
English Language and Composition | ENC 1101 | COM Found 1 | ENC 1101 and 1102 | Same as 4 | COM Found 1 and 2
Environmental Science | ISC 1051 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
European History | EUH 1009 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
French Language | FRE 2200 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
French Literature | FRW 3100 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
German Language | GER 2200 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Government and Politics: Comparative | CPO 1002 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Government and Politics: United States | PCS 2041 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Human Geography | GEO 2400 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Italian Language & Culture | ITA 2200 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Japanese Language & Culture | JPN 2200 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Latin: Literature | LNW 3700 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Latin: Vergil | LNW 2321 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Music Theory | MUT 1001 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Music Theory | MUT 1001 | SCI Found 2 | Same as 3 | Same as 3 | SCI Found 2
Physics B | PHY 2053 | SCI Found 2 | PHY 2053C and 2054C | Same as 4 | SCI Found 1
Physics C: Electricity/Magnetism | PHY 2054 | SCI Found 2 | PHY 2049C and 2050C | Same as 4 | SCI Found 1
Physics C: Mechanics | PHY 2053 | SCI Found 2 | PHY 2048C | Same as 4 | SCI Found 1
Psychology | PSY 2012 | SCI Found 2 | PHY 2048C | Same as 4 | SCI Found 1
Russian Language & Culture | RUS 2230 | SCI Found 2 | RUS 2230 and 2231 | Same as 4 | SCI Found 1
Spanish Language | SPA 2200 | SCI Found 2 | SPA 2200 and 2201 | Same as 4 | SCI Found 1
Spanish Literature | SPW 3100 | SCI Found 2 | SPA 2200 and 2201 | Same as 4 | SCI Found 1
Statistics | STA 2023 | SCI Found 2 | SPA 2200 and 2201 | Same as 4 | SCI Found 1
Studio Art: Drawing Portfolio | ART 2300C | SCI Found 2 | SPA 2200 and 2201 | Same as 4 | SCI Found 1
Studio Art: 2-D Design Portfolio | ART 2201C | SCI Found 2 | SPA 2200 and 2201 | Same as 4 | SCI Found 1
Studio Art: 3-D Design Portfolio | ART 2203C | SCI Found 2 | SPA 2200 and 2201 | Same as 4 | SCI Found 1
United States History | AMH 1000 | SCI Found 2 | AMH 2010 and 2020 | Same as 4 | CUL & HIS Found 1 & 3
World History | WCH 2022 | SCI Found 2 | AMH 2010 and 2020 | Same as 4 | CUL & HIS Found 1 & 3

*The AB subscore on the Calculus BC exam is regarded the same as a Calculus AB score.

If the student has previous credit for ENC 1101 and ENC 1102, credit will be awarded for LIT 1005.

---

**Advanced Placement Language (all modern languages)**

A score of 3 earns a minimum of one semester (min. 3 credits - XXX 2230 or 2200) of 2000-level language. A score of 4 or 5 earns a minimum of two semesters (min. 6 credits XXX 2230 and 2231 or XXX 2200 and 2201) of 2000-level language. No literature credit will be awarded for AP foreign language exams.

**Advanced Placement Literature (all modern languages)**

A score of 3 earns a minimum of one semester (min. 3 credits) of introductory literature. A score of 4 or higher earns a minimum of two semesters (min. 6 credits) of introductory literature.

**Advanced Placement Latin**

The AP Latin course focuses on one or two authors. Students either study Vergil, or follow a "Latin Literature" syllabus that includes Catullus and either Horace, Ovid, or Cicero. A minimum of one semester (min. 3 credits) should be awarded for a score of 3 or higher.

AP Latin: Vergil | LNW 2321
AP Latin: Latin Literature | LNW 3700 (number unique to exam)

**International Baccalaureate Program**

*see table on next page*

Students who have participated in the International Baccalaureate program in high school may receive a maximum of 30 hours of credit for scores of four or higher in the subsidiary and higher level program areas. The table below labeled "International Baccalaureate" provides information related to the International Baccalaureate program credit.
### INTERNATIONAL BACCALAUREATE

<table>
<thead>
<tr>
<th>Exam</th>
<th>Score of 4</th>
<th>GEP Usage</th>
<th>Score 5-7</th>
<th>GEP Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>BSC 1005/1005L</td>
<td>SCI Found 2</td>
<td>BSC 1005/1005L and BSC 2010C</td>
<td>SCI Found 2</td>
</tr>
<tr>
<td>Business Management</td>
<td>GEB 2011</td>
<td>GEB 2011 and 2905</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1020 and 1020L</td>
<td>SCI Found 1</td>
<td>CHM 1020/1020L and CHM 2045C</td>
<td>SCI Found 1</td>
</tr>
<tr>
<td>Computer Science</td>
<td>CGS 1078</td>
<td>MAT Found 2</td>
<td>CGS 1078 and 1906</td>
<td>MAT Found 2</td>
</tr>
<tr>
<td>Design Technology</td>
<td>ETI 1410</td>
<td></td>
<td>ETI 1410 and 1906</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>ECO 1000</td>
<td>ECO 2013 and 2023</td>
<td></td>
<td>SOC Found 1</td>
</tr>
<tr>
<td>Ecosystems and Societies</td>
<td>EVR 1017</td>
<td>EVR 1017 and 1906</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English A1</td>
<td>ENC 1101</td>
<td>COM Found 1</td>
<td>ENC 1101 and 1102</td>
<td>COM Found 1 and 2</td>
</tr>
<tr>
<td>Environmental Systems</td>
<td>ISC 1050</td>
<td>SCI Found 2</td>
<td>ISC 1050 and 1906</td>
<td>SCI Found 2</td>
</tr>
<tr>
<td>Film Studies</td>
<td>FIL 1001</td>
<td>CUL and HIS Found 2</td>
<td>FIL 1001 and 1002</td>
<td>CUL and HIS Found 2</td>
</tr>
<tr>
<td>French</td>
<td>FRE 1121</td>
<td></td>
<td>FRE 1121C and 2200</td>
<td></td>
</tr>
<tr>
<td>Further Mathematics</td>
<td>MHF 1202</td>
<td>MAT Found 1</td>
<td>MHF 1202 and 1209</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Geography</td>
<td>GEA 1000</td>
<td>GEO 1200 and 1400</td>
<td></td>
<td>SOC Found 2</td>
</tr>
<tr>
<td>German</td>
<td>GER 1121</td>
<td>GER 1121C and 2200</td>
<td></td>
<td>SOC Found 2</td>
</tr>
<tr>
<td>History</td>
<td>WOH 1030</td>
<td>CUL &amp; HIS Found 1</td>
<td>WOH 1030 and WOH 1999</td>
<td>CUL &amp; HIS Found 1</td>
</tr>
<tr>
<td>Information &amp; Technology for a Global Society</td>
<td>IDS 1906 (3 credits)</td>
<td></td>
<td>IDS 1906 (6 credits)</td>
<td></td>
</tr>
<tr>
<td>Islamic History</td>
<td>ASH 1906</td>
<td>ASH 1906 (3 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin</td>
<td>LAT 2230</td>
<td>LAT 2230 and 1906</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Science</td>
<td>BSC 23112311L (3 credits)</td>
<td>Same as 4 (min of 6 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math Methods</td>
<td>MAC 1105</td>
<td>MAT Found 1</td>
<td>MAC 1105 and 1140</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Math Studies</td>
<td>MAT 1033</td>
<td>MAT Found 1</td>
<td>MAT 1033 and MGF 1106</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MAC 1147</td>
<td>MAT Found 1</td>
<td>MAT 1147 and 2233</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Music</td>
<td>MUL 2010</td>
<td>CUL &amp; HIS Found 2</td>
<td>MUL 2010 and HUM 1906</td>
<td>CUL &amp; HIS Found 2</td>
</tr>
<tr>
<td>Philosophy</td>
<td>PHI 2010</td>
<td>CUL &amp; HIS Found 2</td>
<td>PHI 2010 and 1906</td>
<td>CUL &amp; HIS Found 2</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 1020C</td>
<td>SCI Found 1</td>
<td>PHY 2035C and 2054C</td>
<td>SCI Found 1</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 2012</td>
<td>SOC Found 2</td>
<td>PSY 2012 and 1906</td>
<td>SOC Found 2</td>
</tr>
<tr>
<td>Social Anthropology*</td>
<td>ANT 2410</td>
<td>SOC Found 2</td>
<td>ANT 2410 and 1906</td>
<td>SOC Found 2</td>
</tr>
<tr>
<td>Spanish</td>
<td>SPN 1121</td>
<td>SPN 1121 and 2230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Arts</td>
<td>ART 1012</td>
<td>ART 1012 and 1906</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*This use for General Education applies only to I.B. credit.

### COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

<table>
<thead>
<tr>
<th>Scale Score of 50 for passing</th>
<th>GEP Usage</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting, Financial</td>
<td>ACG 1001</td>
<td></td>
</tr>
<tr>
<td>Accounting, Principles of</td>
<td>ACG 1001</td>
<td></td>
</tr>
<tr>
<td>Algebra, College</td>
<td>MAC 1105</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Algebra-Trigonometry, College</td>
<td>MAC 2147</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>American Government</td>
<td>POS 2411</td>
<td>SOC Found 1</td>
</tr>
<tr>
<td>American Literature</td>
<td>AML 1000</td>
<td>CUL &amp; HIS Found 2</td>
</tr>
<tr>
<td>Biology, General</td>
<td>BSC 1005</td>
<td>SCI Found 2</td>
</tr>
<tr>
<td>Business Law, Introduction to</td>
<td>BUL 1241</td>
<td></td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2233</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Chemistry, General</td>
<td>CHM 1020</td>
<td>SCI Found 1</td>
</tr>
<tr>
<td>College Composition</td>
<td>ENC 1101 and ENC 1102</td>
<td></td>
</tr>
<tr>
<td>Educational Psychology, Introduction to</td>
<td>EDP 1002</td>
<td></td>
</tr>
<tr>
<td>English Composition with Essay</td>
<td>ENC 1101</td>
<td>COM Found 1</td>
</tr>
<tr>
<td>English Literature</td>
<td>ENL 1000</td>
<td>CUL &amp; HIS Found 2</td>
</tr>
<tr>
<td>French Language</td>
<td>FRE 1120C</td>
<td>Score of 50 or higher earns FRE 1120C and 1121C</td>
</tr>
<tr>
<td>German Language</td>
<td>GER 1120C</td>
<td>Score of 60 or higher earns GER 1120C and 1121C</td>
</tr>
<tr>
<td>History of the United States I: Early Colonizations to 1877</td>
<td>AMH 2010</td>
<td>CUL &amp; HIS Found 1 or 3</td>
</tr>
<tr>
<td>History of the United States II: 1865 to Present</td>
<td>AMH 2020</td>
<td>CUL &amp; HIS Found 1 or 3</td>
</tr>
<tr>
<td>Human Growth and Development</td>
<td>DEP 2004</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>HUM 2250</td>
<td></td>
</tr>
<tr>
<td>Information Systems and Computer Applications</td>
<td>CGS 1077</td>
<td>MAT Found 2</td>
</tr>
<tr>
<td>Macroeconomics, Principles of</td>
<td>ECO 2013</td>
<td>SOC Found 1</td>
</tr>
<tr>
<td>Management, Principles of</td>
<td>MAN 2021</td>
<td></td>
</tr>
<tr>
<td>Marketing, Principles of</td>
<td>MAR 2011</td>
<td></td>
</tr>
<tr>
<td>Mathematics, College</td>
<td>MGF 1106</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Microeconomics, Principles of</td>
<td>ECO 2023</td>
<td>SOC Found 1</td>
</tr>
<tr>
<td>Precalculus</td>
<td>MAC 1140</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Psychology, Introductory</td>
<td>PSY 2012</td>
<td>SOC Found 2</td>
</tr>
<tr>
<td>Sociology, Introductory</td>
<td>SYG 2000</td>
<td>SOC Found 2</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>SPN 1120C</td>
<td>Score of 63 or higher earns SPN 1120C and 1121C</td>
</tr>
<tr>
<td>Trigonometry</td>
<td>MAC 1114</td>
<td>MAT Found 1</td>
</tr>
<tr>
<td>Western Civilization I: Ancient Near East to 1648</td>
<td>EUH 2000</td>
<td>CUL &amp; HIS Found 1 or 3</td>
</tr>
<tr>
<td>Western Civilization II: 1648 to Present</td>
<td>EUH 2001</td>
<td>CUL &amp; HIS Found 1 or 3</td>
</tr>
</tbody>
</table>
### Academic Regulations and Procedures

Minimum of two semesters (min. 6 credits) of Elementary Language II and Intermediate Language I or their equivalents (usually 1121C/2200) level. No literature credit will be awarded for International Baccalaureate Language B exams.

**Language A2 (language and literature courses for highly proficient speakers; uncommon in Florida)**

No direct equivalent. Content of Language A2 varies widely. Minimum 3 credits language or literature for score of 4, 6 credits of language or literature for a score of 5-7.

**Language A1 (literature courses for native speakers; languages other than English)**

No direct equivalent. Content of Language A1 varies widely. Minimum 3 credits in literature for score of 4, 6 credits for score of 5-7.

**IB Latin**

LNW 3700. This is a unique number assigned to this exam. The IB Latin course includes a reading component and a selection of two out of four authors on a list that changes periodically. Minimum 3 credits for score of 4, 6 credits for score of 5-7 (all exams for diploma holders, higher level exams only for others).

### Cambridge AICE Exams

<table>
<thead>
<tr>
<th>Exams</th>
<th>Passing score of “A”, “B”, “C”, “D” or “E”</th>
<th>GEP Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art and Design (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art and Design (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Studies (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Studies (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classical Studies (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computing (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computing (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design &amp; Technology (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design &amp; Technology (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English - English Language (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English - Language &amp; Literature in English (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Management (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French Language (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French Literature (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further Mathematics (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Paper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geography (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geography (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German Language (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History - The History of the USA, c. 1840-1968</td>
<td>AMH 2902</td>
<td></td>
</tr>
<tr>
<td>History - Modern European History, 1789-1939</td>
<td>EUH 2031</td>
<td></td>
</tr>
<tr>
<td>History - International History, 1945-1991</td>
<td>WHO 2040</td>
<td></td>
</tr>
<tr>
<td>Latin (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Science (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Science (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sociology (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish Language (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish Literature (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thinking Skills (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thinking Skills (A-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel and Tourism (AS-Level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel and Tourism (A-Level)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*If the student has previous credit for ENC 1101, credit will be awarded for ENC 1102.

### College Level Examination Program (CLEP)

(see table on previous page)

Credit is awarded for scaled scores of 50 or higher on computer-based CLEP exams taken after July 1, 2001. A percentile score of 50 or higher is required on CLEP examinations taken prior to July 1, 2001. CLEP credit may be earned by CLEP subject examinations. Successful completion of CLEP examinations means performance at or above the minimum qualifying score. CLEP credit cannot be used to reduce a grade point deficiency. For example, CLEP cannot be substituted for a grade awarded for a previously completed course. CLEP may not be used to fulfill the senior institution requirements.

Awards of CLEP credit are subject to the conditions listed below.

- Credit may be awarded in the CLEP subject examination area, provided the student: a) is not within 60 credit hours of graduation; b) has not previously received comparable college course credit in the CLEP examination area; c) does not receive comparable college credit in the CLEP examination area in the same term the examination is taken or in a subsequent term; d) has not previously completed, failed, or received credit by UCF (transfer or otherwise) in a more advanced course in the examination area; and e) does not complete nor receive credit by UCF (transfer or
otherwise) in a more advanced course during the term in which the CLEP examination is taken.

The table labeled “College Level Examination Program” provides information related to the CLEP examination areas and subtest areas for which credit may be awarded. In addition, this table delineates the minimum qualifying score and the UCF course for which each examination can substitute.

**CLEP Language Examinations**

A score of 50 on any of the language exams earns a minimum of one semester (4 credits) of Elementary Language I or equivalent level (generally numbered 1120). A score at or above the second CLEP threshold level (currently 59 for French, 60 for German, or 63 for Spanish) earns a minimum of two semesters (8 credits) of Elementary Language I and II or equivalent level (generally numbered 1120C-1121C). No literature credit should be awarded for CLEP foreign language exams.

**Credit by Examination**

Regularly enrolled (excludes transient and non-degree) undergraduates at the University of Central Florida may obtain credit for CLEP foreign language exams. Credit by examination will not be given for any course lower in content than courses in the same discipline in which students are currently enrolled or which they have already completed or failed. Permission to take an examination is approved by the chair of the department and the dean of the college in which the course is offered.

**DANTES Subject Standardized Tests (DSST)**

The University will award credit to students presenting qualifying scores in DANTES examinations. The table labeled “DANTES Subject Standardized Tests (DSST)” provides information related to the Dantes Examination credit. For additional information: http://www.dantes.org.

**Excelsior College Examinations**

The table labeled “Excelsior College Examinations” provides information related to the Excelsior examination areas and subtest areas for which credit is awarded. More detailed information about Excelsior College Examinations, including detailed test descriptions, can be found online at http://www.excelsior.edu.

---

**DANTES Subject Standardized Tests (DSST)**

<table>
<thead>
<tr>
<th>Exam Title</th>
<th>Course Number</th>
<th>GEP Usage</th>
<th>Passing Grade Credit</th>
<th>Passing Score 2008 Revised Exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art of the Western World</td>
<td>ARH 2000</td>
<td></td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Astronomy</td>
<td>AST 2022</td>
<td></td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Business Law II</td>
<td>BUL 2242</td>
<td></td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>Business Math</td>
<td>QMB 1001</td>
<td></td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>CCJ 1000</td>
<td></td>
<td>49</td>
<td>400</td>
</tr>
<tr>
<td>Environment and Humanity</td>
<td>EVR 1017</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Ethics in America</td>
<td>PHIL 1630</td>
<td></td>
<td>46</td>
<td>400</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>EDF 1002</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of College Algebra</td>
<td>MAT 1033</td>
<td></td>
<td>47</td>
<td>400</td>
</tr>
<tr>
<td>Fundamentals of Counseling</td>
<td>PCO 1202</td>
<td></td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>General Anthropology</td>
<td>ANT 2000</td>
<td>SOC Found 2</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>History of the Vietnam War</td>
<td>AMH 2059</td>
<td></td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>Human Resources Management</td>
<td>MAN 1300</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Human/Cultural Geography</td>
<td>GEO 1400</td>
<td></td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Intro to Computing</td>
<td>CSS 1060</td>
<td>MAT Found 2</td>
<td>45</td>
<td>400</td>
</tr>
<tr>
<td>Intro to the Modern Middle East</td>
<td>ASH 2044</td>
<td></td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>Intro to World Religions</td>
<td>REL 2000</td>
<td>CUL and HIST Found 2</td>
<td>48</td>
<td>400</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>GEB 2011</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Introduction to Law Enforcement</td>
<td>CCJ 1100</td>
<td></td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Lifespan Developmental Psychology</td>
<td>DEP 2004</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>ISM 1000</td>
<td></td>
<td>46</td>
<td>400</td>
</tr>
<tr>
<td>Money and Banking</td>
<td>BAN 1501</td>
<td></td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Organizational Behavior</td>
<td>INP 1002</td>
<td></td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Personal Finance</td>
<td>FIN 1100</td>
<td></td>
<td>46</td>
<td>400</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>GLY 1000</td>
<td>SCI Found 2</td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>FIN 1000</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Principles of Financial Accounting</td>
<td>ACG 1001</td>
<td></td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>Principles of Physical Science I</td>
<td>PSC 1121</td>
<td>SCI Found 1</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>Principles of Public Speaking</td>
<td>SPC 1600</td>
<td>COM Found 3</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>Principles of Statistics</td>
<td>STA 2014</td>
<td>MAT Found 2</td>
<td>48</td>
<td>400</td>
</tr>
<tr>
<td>Principles of Supervision</td>
<td>MNA 1345</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Rise and Fall of the Soviet Union</td>
<td>EUH 1066</td>
<td></td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Substance Abuse</td>
<td>HSC 2140</td>
<td></td>
<td>45</td>
<td>400</td>
</tr>
<tr>
<td>Technical Writing</td>
<td>ENC 2210</td>
<td></td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>The Civil War and Reconstruction</td>
<td>AMH 1036</td>
<td></td>
<td>47</td>
<td></td>
</tr>
</tbody>
</table>

---

**Excelsior College Examinations Table**

<table>
<thead>
<tr>
<th>Exam Title</th>
<th>Course Number</th>
<th>GEP Usage</th>
<th>Passing Grade Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abnormal Psychology</td>
<td>CLP 1140</td>
<td>COM Found 1</td>
<td>45</td>
</tr>
<tr>
<td>English Composition</td>
<td>ENC 1101</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>Ethics: Theory and Practice</td>
<td>PHIL 1630</td>
<td></td>
<td>46</td>
</tr>
<tr>
<td>Foundations of Gerontology</td>
<td>GEY 1000</td>
<td></td>
<td>46</td>
</tr>
<tr>
<td>Human Resources Management</td>
<td>MAN 1300</td>
<td></td>
<td>44</td>
</tr>
<tr>
<td>Life Span Developmental Psychology</td>
<td>DEP 2004</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Microbiology</td>
<td>MCB 1000</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Psychology of Adulthood and Aging</td>
<td>DEP 1401</td>
<td></td>
<td>45</td>
</tr>
</tbody>
</table>
Requirements for Graduation

Students must fulfill both the requirements for a major and University requirements to receive a bachelor’s degree from the University of Central Florida. The student must:

- Fulfill the requirements for the chosen major;
- Earn a minimum of 120 unduplicated credit hours with at least a “C” average (2.0 GPA) for all UCF course work attempted. Some majors require more than 120 hours;
- Earn at least 48 of these 120 credit hours in 3000-level courses or above (upper-division);
- Earn a minimum of 30 of their last 39 hours in regular courses at UCF. Credit by Examination may not be used to satisfy this requirement;
- Earn a minimum of 25% of the total hours required for the degree in residence at UCF. For programs that require the minimum of 120 total hours, residency will be 30 hours. For programs that exceed 120 hours, the specific residency requirement increases proportionally and is listed with the requirements for the specific degree program;
- Earn a minimum of 60 credit hours after CLEP credit has been awarded;
- Apply no more than 45 credit hours in any combination of extension, correspondence, CLEP, University Credit by Examination and Armed Forces credits toward an undergraduate degree;
- Fulfill the General Education Program requirements;
- Fulfill the Gordon Rule requirements;
- Fulfill the Foreign Language requirements as defined elsewhere in this section;
- Earn a minimum of nine credit hours during Summer terms, if applicable; and,
- Be registered at UCF during the semester of graduation.

Degrees Awarded Posthumously

Students will be considered for posthumous degrees by the Commencement and Convocations Committee if they are in good academic standing at the time of their death, have a 2.0 GPA or better and are within at least 15 credit hours of completion of all requirements or are in the final term of completion of all their requirements.

Choice of Catalog (Catalog Year) and Continuous Enrollment

A student must graduate under the provisions of any UCF Undergraduate Catalog in effect since the student began continuous enrollment at UCF. New Catalog policies and requirements take effect with the Summer term. A student transferring from Florida College System institutions or state universities may use the UCF Undergraduate Catalog in effect at the time he or she began the most recent period of continuous enrollment in academic good standing at any of the Florida public institutions.

Continuous enrollment is defined as being enrolled in classes without a break of two or more consecutive regular semesters/terms (i.e., Fall and Spring, or Spring, Summer, and Fall). Continuous enrollment is automatically broken when a student moves from one transfer institution to another following academic disqualification or exclusion.

Students who change majors between different colleges must adopt the most current Catalog. Additional information is included in the program descriptions. Students pursuing a single degree (including double majors and/or minors) must use a single catalog and cannot use a combination of catalogs for graduation. In cases when required courses are no longer taught by the University, the appropriate department, college, or Academic Services (MH 210) may designate a reasonable substitute. If a student desires to change the catalog for graduation, the student should first discuss with the advisors how such a change would affect University, college, and major requirements. If a student decides to request a change, he or she must submit a “Catalog Year Change Request Form” to the Registrar’s Office (MH 161). This form is available at the Registrar’s Office or online at http://www.registrar.ucf.edu.

General Education Program (GEP)

The purposes of the UCF General Education Program (GEP) are to introduce students to a broad range of human knowledge and intellectual pursuits, to equip them with the analytic and expressive skills required to engage in those pursuits, to develop their ability to think critically, and to prepare them for life-long learning. The GEP curriculum provides students with the intellectual, ethical, and aesthetic foundations necessary to make informed choices; to accept the responsibilities of working and living in a rapidly changing world; and to lead a productive and satisfying life.

Courses that fulfill the General Education Program requirements are marked, but in some cases, an alternate course in the same discipline may be substituted for GEP requirements. These alternate courses, approved by the Faculty Senate Undergraduate Common Program Oversight Committee, are listed in the section identified as “Alternate Courses: General Education Program.” Students should consult with an advisor before enrolling in an alternate course. Undergraduate students who have not completed requirements for the Associate of Arts degree and who desire to transfer to another Florida public university can have their transcripts indicate “General Education Requirements Met” upon written request. If they have completed UCF’s GEP requirements with a GPA of 2.0 or better, UCF will accept a similar statement on transcripts received from Florida College System institutions and universities in lieu of completion of the University’s General Education Program. Students enrolled in courses that use the “NC” grade must earn a grade of “C-” (1.75) or better.

General Education Program Learning Objectives

Communications Foundation

- Demonstrate the ability to analyze the situational characteristics of a communication act: audience, purpose, and source/author.
- Demonstrate the ability to understand communication and speaking skills.
- Demonstrate the ability to write in a clear, logical and appropriate manner.
- Demonstrate the ability to research academic topics and present the synthesis of that research: 1) in speech with appropriate citations; and 2) in texts with correct documentation.
- Demonstrate an awareness of diversity in American society.

Cultural and Historical Foundation

- Be able to gather, synthesize, and analyze information from appropriate resources and be able to critically evaluate information and sources for accuracy and credibility.
- Identify and deepen appreciation of common human themes and the richness of diverse cultures.
- Be able to analyze and discuss meaning of an artwork, performance, or text in diverse aesthetic, historical and cultural contexts.
- Demonstrate knowledge and critical thinking of the concepts, styles, and aesthetic, theoretical, and critical principals in an art.
- Demonstrate knowledge of the chronology and significance of major events and movements in Western civilization, U.S. history or world civilization.

Mathematical Foundation

- Demonstrate the skills needed to solve quantitative problems including choosing the proper technique and/or technology.
- Be able to solve real-world quantitative problems.
- Demonstrate qualitative understanding of mathematical, statistical, and computing concepts.
- Demonstrate knowledge and understanding of essential computing concepts common to academic degrees and their related professions.
- Demonstrate essential computing skills common to academic degrees and their related professions, and in particular, skills relating to professional use of computers and application software.

Social Foundation

- Be able to gather and synthesize information from appropriate resources, and be able to evaluate information and sources for accuracy and credibility.
- Understand how an individual’s place in the world is affected by social, economic, and political institutions.
- Gain a deeper appreciation of one’s role and potential impact in social, economic, and political institutions.
- Demonstrate an understanding of the interaction among social, economic, and political structures and functions.
- Understand how individuals behave and interact with other individuals in their psychological, political, economic and social environments.

Science Foundation

- Demonstrate an understanding of science as an empirical attempt to acquire information about the real world, develop possible explanations of these phenomena, and test the explanations by predicting the outcome of future observations.
General Education Program (GEP) Courses (36 credit hours required)

(Some majors require a specific course or a higher level course in some areas. Consult your major requirements and advisor.)

Satisfactorily complete one course in each of the twelve numbered areas. 36 hours

### A. Communication Foundation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>SPC 1603</td>
<td>Fundamentals of Technical Presentations</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>COM 1000</td>
<td>Introduction to Communication</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

### B. Cultural and Historical Foundation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 2000</td>
<td>Western Civilization I</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>EUH 2001</td>
<td>Western Civilization II</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 2210</td>
<td>Humanistic Tradition I</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 2230</td>
<td>Humanistic Tradition II</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>U.S. History: 1492-1776</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>U.S. History: 1867-present</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>WOH 2012</td>
<td>World Civilization I</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>WOH 2022</td>
<td>World Civilization II</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

### C. Mathematical Foundation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 1105C</td>
<td>College Algebra</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>MGF 1106</td>
<td>Finite Mathematics</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>CGS 1060C</td>
<td>Introduction to Computer Science</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>STA 1063C</td>
<td>Basic Statistics using Microsoft Excel</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>STA 2014C</td>
<td>Principles of Statistics</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

### D. Social Foundation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>General Anthropology</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ANT 2001</td>
<td>Introduction to Anthropology</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

### E. Science Foundation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST 2002</td>
<td>Astronomy PR: High School Algebra or MAC 1105C</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>PSC 1121*</td>
<td>Physical Science PR: High School Algebra or MAC 1105C</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>PHY 2053C</td>
<td>College Physics I: MAC 1105C and MAC 1114C</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>CHM 1020</td>
<td>Concepts in Chemistry PR: High School Algebra</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>BSC 1005*</td>
<td>Biological Principles</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>BSC 1050*</td>
<td>Biology and Environment</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>GLY 1030</td>
<td>Geology and Its Applications</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>GEO 1200*</td>
<td>Physical Geography</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ANT 2511</td>
<td>The Human Species</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>MCB 1310</td>
<td>Intro to Biotechnology and Genetic Engineering</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

* A one credit laboratory is also available for this course.

### Alternate Courses:

#### General Education Program

Courses that may be taken in substitution for the stated GEP requirements are listed below:

**GEP Requirement**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 1105C</td>
<td>College Algebra</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>MAC 2233</td>
<td>MAC 2253, MAC 2311</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>MAC 2313</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>MGF 1106</td>
<td>Finite Mathematics</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>PHY 2040C</td>
<td>PHY 2049C</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>PHY 2054C</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>CHM 1020</td>
<td>Chemistry</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>STA 2014C</td>
<td>Statistics</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

**Acceptable Substitutions**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>General Anthropology</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>ANT 2001</td>
<td>Introduction to Anthropology</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>

**For all of the acceptable substitutions in this GEP requirement, a grade of "C" (1.75) or better satisfies three hours of the Gordon Rule requirement.**

### Diversity Requirement

The University recognizes that communities are comprised of, and enriched by, people of diverse backgrounds. The study of diversity is encouraged to promote an understanding of the needs of individuals, the University, and society. Thus, all students completing their first bachelor's degree from UCF must complete at least one course that explores the diverse backgrounds and characteristics found among humans, including: race/ethnicity, gender, social class/caste, religion, age, sexual orientation, and level of physical ability.

Students are exempt from this requirement if they have completed an Associate of Arts degree or the General Education Program at a Florida College System institution or public state university. Students who have previously completed a baccalaureate degree also are exempt.

The requirement is satisfied by the successful completion of a diversity course selected from the following list. Additional courses may be approved subsequently by the Common Program Oversight Committee, so students should consult their departmental advisor for the most current listing.

### Undergraduate Degree Requirements

- Demonstrate an ability to assess the extent to which claims presented as "scientific" satisfy the empirical character of scientific explanations.
- Demonstrate understanding of scientific knowledge and problem solving in a physical or life science.

### Substitution of Courses: General Education Program and Other Requirements

The student degree audit system is coordinated by the Office of Academic Services for the evaluation of transfer courses for the University's General Education Program and Foreign Language Proficiency requirements. When the transfer course work is entered into the UCF computer system (usually during the first semester at UCF), course descriptions and other information to provide a sufficient basis for evaluation may be requested. Courses are evaluated on the basis of equivalency with the content of the courses required by the University. The evaluation conducted is entered into a computerized Degree Audit system and then is available to the colleges and departments through the University’s computer network and for the student online access through myUCF at https://my.ucf.edu. Appeals of transfer credit decisions should be directed to Academic Services (MH 210). Substitution requests for college or major requirements are processed within those administrative offices.

### General Education Courses:

- ENC 1102 Composition II
- SPC 1608 Fundamentals of Oral Communication
- SYG 2000 Introduction to Sociology
- ANT 2000 General Anthropology
- POS 2041 American National Government
- PSY 2012 General Psychology
- WOH 2022 World Civilization II

### Other Courses:

- AMH 3422 Frontier Florida
- AMH 3425 Sunbelt Florida
- AMH 3562 Women in American History
Undergraduate Degree Requirements

1. This requirement is for proficiency and not a requirement for a particular number of hours of course work. For example, successful completion of only SPN 1121C (Elementary Spanish Language and Civilization II) would satisfy the B.A. requirement. Appropriate scores on Advanced Placement and CLEP examinations will also satisfy the requirement.

2. This is a University-wide requirement for all B.A. majors.

3. The Testing Administrator of the University Testing Center will offer the Foreign Language Proficiency Examination throughout each term. Students must register in advance with that office to take the examination (HPH 106).

4. The foreign language proficiency requirement does not apply to students seeking a second baccalaureate degree.

5. A student who is required and furnishes a passing TOEFL (Test of English as a Foreign Language) score for admission to the University is considered to have satisfied the requirements.

American Sign Language

Students pursuing a Bachelor of Arts Degree may substitute American Sign Language for the foreign language exit requirement, except where one or more foreign languages have been specified by a college, school, or program for a specific degree (see individual degree program listings for more information). Proficiency is met either by successful completion of ASL 4161C (previously numbered SPA 4614C) or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders regarding the proficiency examination.

SUS Foreign Language Admission Requirement

Students who have not satisfied the Foreign Language Admission Requirement (two high school units in the same language) at the time they are admitted to the University must satisfy this requirement prior to graduation. This requirement applies to all undergraduates and is separate from the UCF Foreign Language proficiency requirement.

The Gordon Rule

The “Gordon Rule” (State Rule 6A-10.30) applies to students who first enrolled in any college or university after October 1982. The rule requires students to complete four courses (twelve credit hours) of writing and to complete two courses (six credit hours) of mathematics at the level of college algebra or higher. Each course must be completed with a minimum grade of “C-” (1.75).

UCF courses that are required by the General Education Program also may be used to satisfy the Gordon Rule. “Gordon Rule” requirements may be satisfied by the General Education Program as follows:

Gordon Rule Requirement: GEP Courses Which Satisfy:

1. Six hours of mathematics at the level of college algebra or higher
2. Six hours of English Composition and six hours of additional specific identified courses and college level writing

General Education courses that apply to the Gordon Rule Writing Requirement:

ENC 1101 Composition I
ENC 1102 Composition II
LIT 2110 World Literature I
LIT 2120 World Literature II
AMH 1010 U.S. History: 1492-1787
AMH 2010 U.S. History: 1492-1877
AMH 2020 U.S. History: 1877-Present
EUA 2000 Western Civilization I
EUA 2001 Western Civilization II
HUM 2210 Humanistic Tradition
WOH 1212 World Civilization I
WOH 2202 World Civilization II

Non-Gen Ed courses that also apply to the Gordon Rule Writing Requirement:

AMH 2010H Honors U.S. History: 1492 - 1877
AMH 3402 History of the South to 1865
AMH 3403 History of the South Since 1865
AMH 3441 History of the Frontier: Eastern America
AMH 3442 History of the Frontier: Western America
AMH 3541 U. S. Military History To 1900
AMH 3561 Women in American History I
AMH 3571 Black American History I
AMH 3580 North American Indians
AMH 3800 Canadian History
AMH 4101 Crime Colonial America, 1607-1783
AMH 4130 The Age of the American Revolution, 1763-1789
AMH 4140 Jeffersonian America
AMH 4160 Jacksonian America
AMH 4201 The Gilded Age and Progressivism
AMH 4231 United States History: 1914-1939
AMH 4270 United States History: 1939-1960
AMH 4644 Viewing American History in the Twentieth Century
AMH 3031 American Literature I
AMH 3041 American Literature II
AMH 3283 Contemporary American Women’s Fiction
AMH 3286 Early American Women’s Words

Transfer work from other colleges and universities is evaluated by the student’s major department to determine if courses meet the diversity requirement. Satisfaction of this requirement remains in effect if the student changes majors.

Exit Exams

In order to measure their effectiveness, some departments and colleges may require graduating students to participate in an exit exam designed to measure the students’ understanding of the discipline.

Foreign Language Proficiency Requirement (Bachelor of Arts Degree)

Students graduating with a Bachelor of Arts degree must demonstrate proficiency in a foreign language equivalent to one year of college instruction. This requirement may be met either by successful completion of the appropriate college-level course or by examination. Languages that may be used include those taught at UCF and any others for which the University can obtain standardized proficiency tests. Students who have previously received a baccalaureate degree in a foreign language are exempt from this requirement. Native speakers or students who have completed appropriate advanced foreign language education abroad will be considered to have satisfied the requirement.

Placement in Language Courses

Placement in foreign language courses is based on one year of high school language being equivalent to one semester of college work. For example, four years of one high school foreign language place the student in the first semester of the third year.

Several departments, colleges, and schools have additional requirements. See “Catalog Listing” and/or Department Requirements” within each listing.

1. This requirement is for proficiency and not a requirement for a particular number of hours of course work. For example, successful completion of only SPN 1121C (Elementary Spanish Language and Civilization II) would satisfy the B.A. requirement. Appropriate scores on Advanced Placement and CLEP examinations will also satisfy the requirement.

2. This is a University-wide requirement for all B.A. majors.

3. The Testing Administrator of the University Testing Center will offer the Foreign Language Proficiency Examination throughout each term. Students must register in advance with that office to take the examination (HPH 106).
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>University of Central Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 3281</td>
<td>Second World War and Rebirth of Europe</td>
<td></td>
</tr>
<tr>
<td>EUH 3451</td>
<td>History of Modern France</td>
<td></td>
</tr>
<tr>
<td>EUH 4294</td>
<td>Fascism and Nazism in the Interwar Europe</td>
<td></td>
</tr>
<tr>
<td>EUH 4465</td>
<td>Hitler's Third Reich</td>
<td></td>
</tr>
<tr>
<td>EUH 4500</td>
<td>English History to 1845</td>
<td></td>
</tr>
<tr>
<td>EUH 4501</td>
<td>English History to 1815</td>
<td></td>
</tr>
<tr>
<td>EUH 4571</td>
<td>History of Russia to 1801</td>
<td></td>
</tr>
<tr>
<td>EUH 4574</td>
<td>History of Russia: 1901-1917</td>
<td></td>
</tr>
<tr>
<td>EUH 4576</td>
<td>History of Russia in the 20th Century</td>
<td></td>
</tr>
<tr>
<td>EUH 4620</td>
<td>European Great Powers: 1815-1914</td>
<td></td>
</tr>
<tr>
<td>HIS 4150</td>
<td>History and Historians</td>
<td></td>
</tr>
<tr>
<td>HUM 2210H</td>
<td>Honors Humanistic Tradition I</td>
<td></td>
</tr>
<tr>
<td>HUM 3320</td>
<td>Contemporary Multicultural Studies</td>
<td></td>
</tr>
<tr>
<td>HUM 3401</td>
<td>Asian Humanities</td>
<td></td>
</tr>
<tr>
<td>HUM 3431</td>
<td>Ancient Humanities</td>
<td></td>
</tr>
<tr>
<td>HUM 3460</td>
<td>Latin American Humanities</td>
<td></td>
</tr>
<tr>
<td>HUM 3553</td>
<td>Moses, Jesus and Muhammad</td>
<td></td>
</tr>
<tr>
<td>JOU 2100C</td>
<td>News Reporting</td>
<td></td>
</tr>
<tr>
<td>JOU 3101</td>
<td>Advanced Reporting</td>
<td></td>
</tr>
<tr>
<td>JOU 4181</td>
<td>Public Affairs Reporting</td>
<td></td>
</tr>
<tr>
<td>JOU 4300</td>
<td>Feature Writing</td>
<td></td>
</tr>
<tr>
<td>JOU 4306C</td>
<td>Critical Writing</td>
<td></td>
</tr>
<tr>
<td>JOU 4308</td>
<td>Freelance Writing</td>
<td></td>
</tr>
<tr>
<td>LAH 3200</td>
<td>Modern Latin America</td>
<td></td>
</tr>
<tr>
<td>LAH 3400</td>
<td>History of Mexico and Central America</td>
<td></td>
</tr>
<tr>
<td>LAH 3470</td>
<td>History of the Caribbean</td>
<td></td>
</tr>
<tr>
<td>LAH 4461</td>
<td>History of Puerto Rico</td>
<td></td>
</tr>
<tr>
<td>LAH 4480</td>
<td>History of Cuba</td>
<td></td>
</tr>
<tr>
<td>LAH 4503</td>
<td>History of South America</td>
<td></td>
</tr>
<tr>
<td>LAH 4630</td>
<td>History of Modern Brazil</td>
<td></td>
</tr>
<tr>
<td>LIT 3082</td>
<td>Continental European Fiction Since 1900</td>
<td></td>
</tr>
<tr>
<td>LIT 3192</td>
<td>Caribbean Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 3192H</td>
<td>Honors Caribbean Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 3313</td>
<td>Science Fiction</td>
<td></td>
</tr>
<tr>
<td>LIT 3313H</td>
<td>Honors Science Fiction Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 3381</td>
<td>Women Writers of Color</td>
<td></td>
</tr>
<tr>
<td>LIT 3383</td>
<td>Women in Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 3383H</td>
<td>Honors Women in Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 3394</td>
<td>Literature of AIDS</td>
<td></td>
</tr>
<tr>
<td>LIT 3394H</td>
<td>Honors Literature of AIDS</td>
<td></td>
</tr>
<tr>
<td>LIT 3482</td>
<td>Literature &amp; Popular Culture</td>
<td></td>
</tr>
<tr>
<td>LIT 3823</td>
<td>Hispanic Women Writers</td>
<td></td>
</tr>
<tr>
<td>LIT 4043</td>
<td>Modern Drama as Literature</td>
<td></td>
</tr>
<tr>
<td>LIT 4244</td>
<td>World Authors</td>
<td></td>
</tr>
<tr>
<td>LIT 4303</td>
<td>Post-World War II Fiction</td>
<td></td>
</tr>
<tr>
<td>LIT 4374</td>
<td>Literature of the Bible</td>
<td></td>
</tr>
<tr>
<td>LIT 4374H</td>
<td>Honors Literature of the Bible</td>
<td></td>
</tr>
<tr>
<td>LIT 4433</td>
<td>Literature of Science and Technology</td>
<td></td>
</tr>
<tr>
<td>LIT 4554</td>
<td>Advanced Feminist Theories</td>
<td></td>
</tr>
<tr>
<td>PAD 3733</td>
<td>Professional Administrative Writing in the Public Sector</td>
<td></td>
</tr>
<tr>
<td>PAD 4034</td>
<td>The Administration of Public Policy</td>
<td></td>
</tr>
<tr>
<td>PHH 3100</td>
<td>Ancient Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHH 3200</td>
<td>Medieval Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHH 3480</td>
<td>Modern Western Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHH 3700</td>
<td>American Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHI 3083</td>
<td>Research Methods in Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHI 3323</td>
<td>Minds and Machines: Philosophy of Cognitive Science</td>
<td></td>
</tr>
<tr>
<td>PHI 3451</td>
<td>Philosophy of Psychology</td>
<td></td>
</tr>
<tr>
<td>PHI 3670</td>
<td>Ethical Theory</td>
<td></td>
</tr>
<tr>
<td>PHI 3805</td>
<td>Contemporary Aesthetics</td>
<td></td>
</tr>
<tr>
<td>PHI 4321</td>
<td>Philosophies of Embodiment: Mind/Body/Self</td>
<td></td>
</tr>
<tr>
<td>PHI 4500</td>
<td>Metaphysics</td>
<td></td>
</tr>
<tr>
<td>PHI 4804</td>
<td>Critical Theory</td>
<td></td>
</tr>
<tr>
<td>PHI 4931</td>
<td>Philosophy in the News</td>
<td></td>
</tr>
<tr>
<td>PHM 3401</td>
<td>Philosophy of Law</td>
<td></td>
</tr>
<tr>
<td>PHP 4782</td>
<td>Phenomenology</td>
<td></td>
</tr>
<tr>
<td>PLA 3155</td>
<td>Legal Writing</td>
<td></td>
</tr>
<tr>
<td>PLA 4935</td>
<td>Capstone: Legal Issues</td>
<td></td>
</tr>
<tr>
<td>REL 3130</td>
<td>Religion in America</td>
<td></td>
</tr>
<tr>
<td>REL 3432</td>
<td>Roots of Western Mysticism</td>
<td></td>
</tr>
<tr>
<td>RIV 4403</td>
<td>Electronic Media, Technology, and Society</td>
<td></td>
</tr>
<tr>
<td>THE 2081C</td>
<td>Introduction to UCF Theatre</td>
<td></td>
</tr>
<tr>
<td>THE 2304</td>
<td>Script Analysis</td>
<td></td>
</tr>
<tr>
<td>TPP 3310C</td>
<td>Directing for Theatre I</td>
<td></td>
</tr>
<tr>
<td>TPP 4940L</td>
<td>Theatre Internship</td>
<td></td>
</tr>
<tr>
<td>WOH 2012H</td>
<td>World Civilization I - Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Summer Attendance Requirement**

A student entering the State University System with fewer than 60 credit hours of credit is required to enroll in a minimum of nine hours of credit in the summer at a State of Florida university. Petition forms for exemption are available from the Academic Services website [http://www.academicservices.ucf.edu/summer-waiver/](http://www.academicservices.ucf.edu/summer-waiver/).
Undergraduate Degree Requirements

Admission to the Upper Division
To be classified as an upper division student at the University of Central Florida, a student must complete the following:
1. A minimum of 60 credit hours of academic work;
2. The English and mathematics requirements of the Gordon Rule;
3. One year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation Application Deadline
Students must complete the “Intent to Graduate” online at https://my.ucf.edu in the term preceding the one in which they intend to graduate (see the “Academic Calendar” for specific dates). Students who have not applied for graduation by the last day of classes in the term preceding the graduation term may not be listed in the Commencement Program. Graduating students must be enrolled at UCF during the term of graduation. Graduates may contact the Registrar’s Office for Commencement ceremony and guest ticket information or refer to http://commencement.ucf.edu.

Successful completion of the degree requirements stated in the Undergraduate Catalog under which the student plans to graduate shall constitute a recommendation of the respective college faculty that the degree be awarded, assuming the student is in good standing at the University. A student must complete all requirements for a baccalaureate or graduate degree no later than the date of the Commencement. A student may not be enrolled as a transient student in another institution during the term in which the baccalaureate degree or the Associate of Arts degree is to be awarded.

Correspondence Courses
The University of Florida’s Division of Continuing Education, Department of Independent Study by Correspondence administers all correspondence instruction for the State University System of Florida (SUS). College credit, high school credit, and continuing professional correspondence courses are available through regular mail and Fax (several by email). Independent Study offers more than 150 courses to students who would like a flexible schedule or an opportunity to take extra classes. It is possible to enroll any time during the year.

In 1996, the State revised the General Provisions Rule 64-4.002, at the Bureau of Teacher Certification for the State of Florida. Any teacher in the state now can use credit correspondence courses, as appropriate, to apply toward the recertification of the teaching license. Moreover, there is no limit to the number of courses that may fulfill the requirements.

The current Catalog details enrollment procedures, fees, and course information. A copy may be obtained at no cost by calling or writing to: University of Florida, Independent Study, Suite D, 2209 NW 13th St., Gainesville, FL 32609, 352-392-1711, Ext. 200; Email: learn@nervm.nerdc.ufl.edu. Website: http://www.doces.ufl.edu.

Double Majors
- A student may earn one degree, a BA or BS, with two majors, by completing the requirements for both majors. If both majors are within the same college and are of the same degree type (BA or BS), both majors will be indicated on the diploma; however, if the majors are from different colleges or are of different degree types, only one major will appear on the diploma. Students earning a double major must use the same Catalog year for both majors.

Two Degrees
- A student may earn two degrees, a BA and a BS, by completing the requirements for both majors and earning a minimum of 150 credit hours.
- A student may earn two degrees, either both BA or both BS, if the degrees are earned in separate colleges and a minimum of 150 (or more) credit hours are earned.
- A student may earn two degrees, either both BA or both BS, within the same college if allowed by the particular college and a minimum of 150 (or more) credit hours are earned.
- Students earning two degrees may use different Catalog years for each degree. If different Catalog years are used, the general university requirements in the latest of the two catalogs will be applied to both degrees.

More Than Two Majors, or More Than Two Degrees, or a Combination
Students attempting multiple majors or degrees beyond two must consult with the Registrar’s Office for coordination among degree programs. Responsibility for doing so rests with the student. The stipulations for two majors and/or two degrees will apply as well as other minimum amount of hours and prohibitions about combinations. Graduates from regionally accredited four-year U.S. institutions who apply for admission to work toward a second baccalaureate degree at UCF must meet the regular admission requirements of the major department and the UCF residency requirement of 30 additional credit hours for that degree. Students holding the baccalaureate degree from regionally accredited U.S. institutions are considered to have completed Gordon Rule, foreign languages, and General Education Program Requirements. Students who hold degrees from non-regionally accredited U.S. institutions and foreign institutions may be required by the Office of Academic Services (MH 210) to fulfill all or part of the UCF General Education Program requirements as stipulated in the UCF Undergraduate Catalog.

The University requirements specified in the preceding paragraphs are minimum requirements. Departments and colleges may require more than 150 credit hours for a second degree or more than 30 credit hours to be taken in residence at UCF. Students should confirm department, school, and college requirements with their academic advisors.
## ACADEMIC DEGREES, MAJORS AND MINORS

### Associate of Arts Degree
University of Central Florida students who satisfactorily complete 60 credit hours of acceptable college work may apply for an Associate of Arts degree. University requirements include achievement of a minimum UCF GPA of 2.0, fulfillment of the General Education Program requirements, and completion of the last 20 credit hours in residence at UCF. In addition, any student who desires to receive an A.A. degree must have satisfied the Gordon Rule requirement. Students who initially enter a Florida College System institution or a State University System institution in 2014-2015 or thereafter must also demonstrate competency in a foreign language equivalent to two years of high school instruction in the same language.

The Associate of Arts degree is awarded only upon application. The application form may be obtained from [http://www.academicservices.ucf.edu/AA-degree](http://www.academicservices.ucf.edu/AA-degree) and completed by the end of the first week in the term in which the Associate of Arts degree is to be awarded. 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. 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.

### Baccalaureate Degrees
The University offers the degrees of Bachelor of Applied Science, Bachelor of Arts, Bachelor of Arts in Business Administration, Bachelor of Design, Bachelor of Engineering Technology, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, Bachelor of Science, Bachelor of Science in Business Administration, Bachelor of Science in Education, Bachelor of Science in Engineering, Bachelor of Science in Nursing, Bachelor of Science in Social Sciences, and Bachelor of Social Work. These degrees are available in the following Colleges with majors or areas of specialization as indicated:

### College of Arts and Humanities
- **Bachelor of Arts (B.A.)**
  - **Majors:** Art, Digital Media, English, Film, French, History, Humanities and Cultural Studies, Latin American Studies, Music, Philosophy, Religion and Cultural Studies, Spanish, Theatre Studies, Writing and Rhetoric

- **Bachelor of Design (B.Des.)**
  - **Major:** Architecture

- **Bachelor of Fine Arts (B.F.A.)**
  - **Majors:** Art, Film, Theatre

- **Bachelor of Music (B.M.)**
  - **Bachelor of Music Education (B.M.E.)**
  - **Bachelor of Science (B.S.)**
  - **Majors:** Photography

### College of Business Administration
- **Bachelor of Science in Business Administration (B.S.B.A.)**
  - **Majors:** Accounting, Business Economics, Finance, General Business, Management, Marketing, Real Estate

- **Bachelor of Arts (B.A.)**
  - **Major:** Economics

- **Bachelor of Arts in Business Administration (B.A.B.A.)**
  - **(Regional campuses only)**

### College of Education and Human Performance
- **Bachelor of Science (B.S.)**
  - **Majors:** Art Education, Early Childhood Development and Education, Elementary Education, English Language Arts Education, Mathematics Education, Science Education, Social Science Education, Sport and Exercise Science, Technical Education and Industry Training, World Languages Education

### College of Engineering and Computer Science
- **Bachelor of Science (B.S.)**
  - **Majors:** Aerospace Engineering (B.S.A.E.), Civil Engineering (B.S.C.E.), Computer Engineering (B.S.P.E.), Computer Science (B.S.), Construction Engineering (B.S.Con.E.), Electrical Engineering (B.S.E.E.), Environmental Engineering (B.S.Env.E.), Industrial Engineering (B.S.I.E.), Information Technology (B.S.), Mechanical Engineering (B.S.M.E.)

### College of Health and Public Affairs
- **Bachelor of Arts (B.A.)**
  - **Majors:** Communication Sciences and Disorders, Criminal Justice, Legal Studies, Public Administration

- **Bachelor of Science (B.S.)**
  - **Majors:** Athletic Training, Communication Sciences and Disorders, Criminal Justice, Health Informatics and Information Management, Health Sciences, Health Services Administration, Legal Studies, Public Administration

- **Bachelor of Social Work (B.S.W.)**
  - **Major:** Social Work

### College of Medicine
- **Burnett School of Biomedical Sciences**
  - **Bachelor of Science (B.S.)**
  - **Majors:** Biomedical Sciences, Biotechnology, Medical Laboratory Sciences

### College of Nursing
- **Bachelor of Science in Nursing (B.S.N.)**
  - **Major:** Nursing

### College of Optics and Photonics
- **Bachelor of Science in Photonic Science and Engineering (B.S.P.S.E.)**
  - **Major:** Photonic Science and Engineering

### College of Sciences
- **Bachelor of Arts (B.A.)**
  - **Majors:** Advertising-Public Relations, Anthropology, Human Communication, International and Global Studies, Journalism, Political Science, Radio - Television, Sociology

- **Bachelor of Science (B.S.)**
  - **Majors:** Biology, Chemistry, Forensic Science, Mathematics, Physics, Psychology, Social Sciences, Statistics

### Rosen College of Hospitality Management
- **Bachelor of Science (B.S.)**
  - **Majors:** Event Management, Hospitality Management, Restaurant and Foodservice Management

### Office of Undergraduate Studies
- **Bachelor of Applied Science (B.A.S.)**
  - **(Regional campuses only)**
- **Bachelor of Arts (B.A.)**
  - **Major:** Interdisciplinary Studies
- **Bachelor of Science (B.S.)**
  - **Major:** Interdisciplinary Studies
### Academic Degrees, Majors, and Minors

<table>
<thead>
<tr>
<th>College Awarding Minor</th>
<th>Name of Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Medicine</td>
<td>Burnett School of Biomedical Sciences</td>
</tr>
</tbody>
</table>

### College Awarding Minor | Name of Minor
---|---
Rosen College of Hospitality Management | Event Management, Hospitality Management |
Office of Undergraduate Studies | Environmental Studies, Leadership Studies, World Comparative Studies |

Minors are authorized only for certification with baccalaureate degrees. Minors must be certified at the same time as the student’s baccalaureate degree. Unless a second baccalaureate degree is earned, certification will not be made at a later time even if additional courses have been completed.

A student may declare a minor up to but no later than the submission of the “Intent to Graduate Form.” However, students are strongly urged to declare a minor as early as possible. Contact the student support office of the college offering the minor.

### Graduate Programs

See description at the beginning of each college section. For further information on a particular program or graduate fellowships, contact the departmental office in the respective college or see the [Graduate Catalog](http://www.graduate.ucf.edu/catalog/).
The Burnett Honors College

Dean: Alvin Wang
407-823-3449; Fax: 407-823-6583
http://www.honors.ucf.edu

Associate Dean: Martin Dupuis

Director of Budget & Personnel: Lesanne Brunswick

Director of Advising: Rex Roberts

Director of Information Systems: Michael T. Callahan

Director of Prestigious Awards: TBA

Director of Research and Civic Engagement: Kelly Astro

Director of Student Services: Madi Dogariu

The Burnett Honors College combines the intimacy of a small liberal arts college with the benefits of a large, research university located in a metropolitan environment. The mission of the College is to provide UCF’s most academically talented and motivated students with a challenging and unique scholarly experience, creating a strong foundation for future achievements. The College strives to create a diverse learning community that fosters the pursuit of excellence, ethical, social, and civic responsibility, personal growth, and a passion for life-long learning.

Honors classes are small, and course work crosses traditional disciplinary boundaries to encourage critical thinking. Beyond the classroom, special guest lecturers, field trips, study abroad, research opportunities, and university-related service activities expand the horizons of Honors students.

Students in TBHC are actively involved in social activities and course programming. They also have priority registration privileges and access to the Honors Reading Room, Computer Lab, Meditation Garden, and Honors Housing.

Students may pursue Honors through two distinct programs, University Honors and/or Honors in the Major.

University Honors

Admission to University Honors is granted by TBHC to qualified incoming freshmen. Students who seek admission to University Honors must apply directly to TBHC. It is the student’s responsibility to obtain the appropriate Honors College admissions information from the TBHC Office of Student Services and follow the procedures necessary to enter the program. Prospective Honors students and their families are encouraged to contact Honors staff at honors.admissions@ucf.edu if they have questions.

Qualified students who transfer to UCF with an AA Degree with Honors from a Florida College System institution that has an Honors Articulation Agreement with TBHC will be admitted into University Honors with junior standing. Further information is available from the Honors Office of Student Services at honors.admissions@ucf.edu.

Students must maintain a minimum 3.2 UCF GPA and a minimum 3.0 GPA in Honors courses to remain in University Honors. In addition to meeting the GPA requirements, to graduate with University Honors students must: 1) complete 4 Honors lower-division courses1; 2) complete the Honors Freshmen Symposium2; and 3) fulfill upper-division Honors course requirements determined by college or major3.

By the end of the second week of the term in which a student plans to graduate with University Honors, the student must file a completed “Intent to Graduate with University Honors” form with TBHC. A student who completes all of the requirements for University Honors will have the designation of “University Honors” entered on the diploma and transcript. Note: No student with a “Z” designation on his/her final transcripts is eligible to graduate with University Honors.

Summary Table of University Honors Requirements

- Symposium: IDH 1920H
- Lower-division: 4 courses
- Upper-division Major: 3 courses; Vary by College and Major (see below)

The current upper-division requirements are as follows:

- **College of Arts and Humanities, College of Education and Human Performance, College of Sciences, Rosen College of Hospitality Management, College of Nursing, College of Health and Public Affairs, Medical Laboratory Sciences, Economics (B.A.) and Interdisciplinary Studies majors**
  1. Complete one Honors Interdisciplinary Seminar1
  2. Complete one Honors upper-division course (3000-4000 level) or Interdisciplinary Seminar1
  3. Complete one Honors upper-division course, Interdisciplinary Seminar, or Undergraduate Honors Thesis (PR: Hon Directed Readings; see BHC 107 for information)

- **College of Business Administration (Excluding Economics B.A. majors)**
  1. Complete one Honors Interdisciplinary Seminar1
  2. Complete two Honors upper-division Business courses BUL 3130H Honors Legal & Ethical Environment of Business
     FIN 3403H Honors Business Finance
     GEB 3375H Honors Introduction to International Business
     MAR 3025H Honors Management of Organizations
     MAR 3033H Honors Marketing
     MAR 3203H Honors Supply Chain Management
     Undergraduate Honors Thesis (PR: Hon Directed Readings; see BHC 107 for information)

Consult with an Honors advisor to find out when these courses are being offered.
The Burnett Honors College

College of Medicine (excluding Medical Laboratory Sciences majors)

1. Complete one Honors Interdisciplinary Seminar
2. Complete two of the following Honors upper-division courses

- BSC 3403C Honors Quantitative Biological Methods
- MCB 3020C Honors Microbiology
- ZOO 3733C Honors Human Anatomy
- PCB 3703C Honors Human Physiology
- PCB XXXXH Honors Molecular Biology I
- PCB 4524H Honors Molecular Biology II
- ZOO 4704C Honors Clinical Neuroanatomy

Undergraduate Honors Thesis (PR: Hon Directed Readings; see BHC 107 for information)

Consult with an Honors advisor to find out when these courses are being offered.

College of Engineering and Computer Science

1. Complete one Honors Interdisciplinary Seminar
2. Complete two Honors upper-division courses

- COP 323H Honors Introduction to Programming with C
- COP 3502H Honors Computer Science I
- COP 3503C Honors Computer Science II
- COT 3100H Honors Introduction to Discrete Structures
- ENC 3241H Honors Writing for the Technical Professional
- EGN 3310H Honors Engineering Analysis-Statics
- EGN 3321H Honors Engineering Analysis-Dynamics
- STA 3032H Honors Probability and Statistics for Engineers
- EGN 3343H Honors Thermodynamics
- MAS 3105H Honors Matrix and Linear Algebra
- EGN 3365H Honors Structure and Properties of Materials
- EEL 3004C Honors Electrical Networks
- PHY 3101H Honors Physics for Engineers and Scientists I
- EGN 4931H Honors Engineering Seminar

Undergraduate Honors Thesis (PR: Hon Directed Readings; see BHC 107 for information)

Consult with an Honors advisor to find out when these courses are being offered.

1. ENC 1101 and ENC 1102 must be taken in Honors sections if the student does not have alternative credit for them at the time he/she is admitted to the University Honors Program. Extra Upper Division course(s) can substitute for Lower Division courses.

2. ENC Freshmen Symposium is a mandatory two credit hour course offered for freshmen in the Fall semester of each year. This course includes guest lectures and discussions. ENC Freshmen Symposium also includes a Service Learning component.

3. An Honors Interdisciplinary Seminar normally is an upper-division 3 credit hour course intended for all majors. Many seminars are team-taught, and present cutting-edge topics. Enrollments are limited to 20 students.

For more information about Honors requirements and advising, visit http://honors.ucf.edu

Acceptable Waivers

Please see The Burnett Honors College website at http://honors.ucf.edu/Students/Current_Students/Earning_Opportunities for a listing of acceptable waivers. Students should obtain waivers from the Office of Honors Advising (BHC 109) prior to their participation in the listed programs.

Notes

Students who are pursuing University Honors in two degrees must complete an additional Upper-Division course or Interdisciplinary Seminar in order to receive University Honors distinction on both diplomas.

Honors in the Major (HIM) Directed Readings courses do NOT fulfill University Honors requirements. The successful completion of Thesis I and submission of thesis can fulfill one University Honors course requirement. EGN 4931H and NUR 3165H can fulfill HIM Directed Readings.

Honors in the Major

Application for admission to the Honors in the Major program will be submitted to TBHC following consultation by the student with the Department Chair. Honors in the Major students must have completed 60 credit hours prior to applying. Students may apply for admission to Honors in the Major by completing the application. The application can be found at http://research.honors.ucf.edu/honors_in_the_major.

Requirements for admission to Honors in the Major are: completion of at least 60 credit hours of college credit including at least 12 graded upper-division hours; at least a 3.5 GPA major and at least a 3.2 GPA in all upper-division courses regardless of institution. Students must also seek approvals by the department from which Honors in the Major is sought and from the Director of Research and Civic Engagement of TBHC.

Honors in the Major is awarded upon completion of an advanced Honors Thesis, and the completion of at least three hours of Directed Readings courses work; and at least three hours of Honors Thesis or Project work taken in the college or department of major. Engineering majors can take EGN 4931H in lieu of Directed Readings and will write a thesis proposal as part of their coursework. Nursing majors may take NUR 3165H in lieu of Directed Readings and will write a thesis proposal as part of their coursework. Departments or colleges may set additional requirements for Honors in the Major to be completed.

The Honors Thesis is to be completed under the direction of a committee of three faculty members, one of whom is the Thesis Chair. It is the student’s responsibility to obtain an Honors in the Major Committee Chair who will undertake the responsibility of directing the Honors Directed Readings and Thesis and, in consultation with the student, form the Honors in the Major faculty committee. The Thesis Chair and at least one committee member must be tenured or tenured-track faculty. The student is responsible for filing an application with TBHC to begin Honors in the Major, which must be signed by the Thesis Committee Chair, the Honors Coordinator of the major department, and the Research and Civic Engagement of TBHC. The student must receive a grade of at least “B” in all Honors in the Major course work to be awarded Honors in the Major.

The student must file an “Intent to Graduate with Honors in the Major” form with the TBHC Office of Research and Civic Engagement the semester before their anticipated graduation date. A student who completes all of the requirements for Honors in the Major, including maintaining at least a 3.5 GPA within the major and at least a 3.2 GPA in all upper-division courses, will have the designation of “Honors in (subject area)” noted on the diploma and the University transcript.

Note: No student with a “Z” designation on his/her final transcripts is eligible to graduate with Honors in the Major. If you have any questions about these requirements, please contact TBHC at 407-823-6402.

Burnett Research Scholars

The Burnett Research Scholars Program (BRS) is designed to help students identify and work with a faculty mentor in an area of shared interest, and then to assist student-mentor teams with project funding. In order to be a Burnett Research Scholar, students must submit a grant application and be selected to receive funding. BRS is open to all UCF students with a minimum overall GPA of 3.2. A limited number of BRS grants are competitively awarded to students and faculty for fall, spring, or summer semester research. Students seeking more information about BRS should visit http://research.honors.ucf.edu.

If you have any questions about BRS or the grants program, please contact OPA at 407-823-6402.

Office of Prestigious Awards

The Office of Prestigious Awards (OPA) provides all UCF students with information and advising for major national and international fellowships and scholarships. OPA serves as the UCF campus institutional endorsement. Students seeking more information about BRS should visit http://research.honors.ucf.edu.

If you have any questions about BRS or the grants program, please contact the Office of Research and Civic Engagement in BHC 107 or by phone at 407-823-6402.

OPA works closely with students throughout all stages of their application process. Because of the competitive nature of these awards preparation is both intensive and extensive, and can begin as early as a student’s freshman year. Students who are applying for a prestigious scholarship or fellowship are encouraged to contact OPA for assistance with their applications, even if the award does not require institutional endorsement. Students seeking more information can visit http://www.opa.honors.ucf.edu or contact OPA by phone at 407-823-4019, by email at OPA@ucf.edu, or by visiting BHC 102A.
The College of Arts and Humanities includes the following departments: English, Modern Languages & Literatures, History, Philosophy, and Writing & Rhetoric. The College houses programs in Africana Studies, American Studies, Asian Studies, Florida Studies, Judaic Studies, Latin American Studies, Middle Eastern Studies, Russian Studies, and Women's Studies. The college also oversees the School of Visual Arts and Design, which offers degrees in Art, Architecture, Digital Media and Film, and the School of Performing Arts, which offers degrees in Music and Theatre. In keeping with the goals of the University of Central Florida, the College is responsible for all programs in the areas of humanities and arts. The departments collectively offer more than 75 baccalaureate and graduate programs. For additional information concerning graduate programs, please refer to the current online Graduate Catalog. In addition to providing academically strong degree programs in the areas noted above, the College of Arts and Humanities offers a selection of courses that are designed to complement the programs of the other colleges of the University. These offerings include a number of courses necessary to satisfy the University's General Education program.

A student enrolled in the College as an undergraduate must fulfill all University degree requirements including those for general education as well as the particular requirements set forth within each area of specialization. To be certified for graduation, a student must achieve at least a “C” GPA (2.0) in the courses of his or her major and/or minor. Some departments also require a minimum grade in each major course. Students are advised to consult their departmental advisor for specific policies. For programs with a foreign language graduation requirement, American Sign Language is not considered a foreign language and will not fulfill the requirement.

A student whose written or oral communication in any course is deemed unsatisfactory may be referred to the Dean's office by the instructor. Additional coursework or an individual study program, consistent with the needs of the student, may be assigned and must be completed before the degree is granted.
Preprofessional Programs

**Prelaw Program**

There is no preferred major for pre-law. Law schools accept superior students with a good liberal arts background, regardless of major field. A Bachelor of Arts or Bachelor of Science degree with approximately three-fourths of the course work representing theory content is typically suggested. Majors such as English, History, Legal Studies, Philosophy, Sociology, Writing and Rhetoric, and Political Science meet this criterion. The quality of undergraduate education for the legal profession, according to the Association of American Law Schools, is grounded in three basic skills and insights: comprehension and expression in words, critical understanding of the human institutions and values with which the law deals, and the creative power of thinking. Law schools require that the Law School Admission Test (LSAT) be taken prior to consideration for admission. General information pertaining to programs of study, the LSAT, careers, and law schools can be obtained from the Pre-law Advisor.

Advisement of pre-law students will be provided in the area where a major is chosen. For example, a pre-law student who desires to emphasize the historical foundations should seek advisement in the Department of History; for emphasis in political science advisement should be sought in the Department of Political Science; emphasis in economics should be gained through advisement in Economics programs in the College of Business Administration; emphasis in Legal Studies can be pursued in the Departments of Criminal Justice and Legal Studies in the College of Health and Public Affairs.

**Advisement**

**College of Arts and Humanities Student Advising (CAHSA)**

Director: Delia Garcia  
CNH 201; 407-823-3312  
Email: cahsa@ucf.edu

http://cahsa.cah.ucf.edu

CAHSA is the primary office for undergraduate academic assistance in the College of Arts and Humanities. CAHSA assists students in the College with orientation, registration, graduation certification and with the interpretation of College/University policies and procedures. Questions concerning University and College academic policies affecting College of Arts and Humanities majors should be addressed via email to cahsa@ucf.edu or to the CAHSA staff by visiting CNH 201. Questions concerning the requirements within a major should be directed to the department offering the degree. The student should contact the department early in his/her academic career and meet with his/her advisor for course planning every semester.

**Program Planning**

Although suggested curricula are available in most areas, students will plan their program in consultation with a faculty advisor appointed by the major department.

**Area Studies Programs**

Area Studies programs are multi-disciplinary programs that focus on specific regions or cultural groups. UCF has six area studies programs with an international focus: Africana, American, Asian, Judaic, Latin American, Middle Eastern, and Russian. Although the academic home of these programs is the College of Arts and Humanities, faculty and students from across the entire university may participate in them. These programs may be elected as minors by students majoring in any discipline within the university. For more information about the programs and contact numbers of the program directors, see the list below.

**Africana Studies** - Contact: Anthony Major; 407-823-0026  
**American Studies** - Contact: Lynn Hepner; 407-823-2251  
**Asian Studies** - Contact: Patrick Murphy; 407-823-5596  
**Judaic Studies** - Contact: Moshe Pelli; 407-823-5039  
**Latin American Studies** - Contact: Consuelo Stibbins; 407-823-1173  
**Middle Eastern Studies** - Contact: Hakan Ozoglu; 407-823-2225  
**Russian Studies** - Contact: Vladimir Solonari; 407-823-6617, or Alia Kourova; 407-823-2472

**International Study Centers**

**Undergraduate Inter-institutional Transient Program**

The State University System operates study centers in London, England and Florence, Italy during the Fall and Spring semesters. Students with 27 or more credit hours of credit and a minimum GPA of 2.5 or above in all state universities are eligible to apply for one or both semesters as inter-institutional transient students. Faculty at the centers are drawn from the nine state universities. While credits are earned through Florida State University, which administers the program on behalf of the State University System, credits are fully transferable within the System. Students at the Centers are considered to be resident in their home institutions for attendance and degree purposes.

Classes at the Florence Center emphasize art history, Italian, social sciences, and the humanities; at the London Center, theatre, business, English, history, and the social sciences are emphasized. Field trips and museum visits are common to both. For further information, consult the Office of International Studies at 407-882-2300.

**Programs, Tracks, and Degrees**

**Title**

- **Africana Studies** Minor  
- **American Studies** Minor  
- **Architecture** Minor  
- **Art** BA, BFA, Minor, MFA  
- **Asian Studies** Minor  
- **Cinema Studies (Film)** BA, Minor  
- **Community Arts - PAVE** Minor  
- **Dance** Minor  
- **Digital Humanities** Minor  
- **Digital Media** BA, MA, Certificate, Minor  
- **Diplomacy** Minor  
- **English** BA, MA, Minor, MFA  
- **Event Management (offered through Rosen)** Minor  
- **Film** BFA, MFA  
- **Florida Studies** Minor  
- **French** BA, Minor  
- **History** BA, MA, Accelerated MA, Minor  
- **Humanities and Cultural Studies** BA, Minor  
- **Italian** Minor  
- **Jazz Studies** Certificate  
- **Judaic Studies** Certificate, Minor  
- **Latin American Studies** BA, Minor  
- **Middle Eastern Studies** Minor  
- **Music** BA, BM, MA, Minor  
- **Music Education** BA, MME  
- **Performing Arts Administration** Minor  
- **Philosophy** BA, Minor, Certificate  
- **Religion and Cultural Studies** BA, Minor  
- **Russian Studies** Minor  
- **Spanish** BA, MA, Minor  
- **Teaching English as a Foreign Language (TEFL)** Certificate  
- **Teaching ESL** MA  
- **Theatre** BA, BFA, MA, MFA, Minors in Dance, Theatre  
- **Translation and Interpretation** Certificate  
- **Women’s Studies** Minor, Certificate  
- **Writing and Rhetoric** BA, Minor, Certificate  

**Departments and Programs**

**Africana Studies: Program**

Program Director: Anthony Major  
CNH 110; 407-823-0026  
http://www.aas.cah.ucf.edu/

The College of Arts and Humanities offers a minor in Africana Studies, which gives students the opportunity to explore the African Diaspora experience from a multi-disciplinary perspective. It is dedicated to developing knowledge and expertise of the African Diaspora, including Africa, North America, Central and South America, the Caribbean, Europe and beyond. The minor incorporates courses from many different disciplines including Music, Fine Arts, History, English, Latin American Studies, Political Science, Psychology, Sociology, Anthropology, Film, Theatre, and the Sciences. The program’s inter-disciplinary approach emphasizes the artistic and intellectual traditions of African Americans, and is dedicated to developing expertise and knowledge of the black experience in the African Diaspora.

**Degrees:** None  
**Tracks:** None  
**Minors:** Africana Studies
American Studies: Program
Contact: Delia Garcia
CNH 201; 407-823-3312

The College of Arts and Humanities offers a minor in American Studies. This program requires students to select relevant electives from Literature, Humanities, Social Sciences and History.

Degrees: None
Tracks: None
Minors: American Studies

Asian Studies: Program
Contact: Patrick Murphy
CNH 405; 407-823-5596

An interdisciplinary minor designed to enhance multicultural education by offering students both an overview of Asian civilization and a detailed study of its most significant features. The focus of the program is on India, China, and Japan. Course work will include upper-level classes from the curricula of participating programs (Anthropology, Art History, Economics, English, Modern Languages, History, Humanities, Philosophy, Political Science).

Degrees: None
Tracks: None
Minors: Asian Studies

Community Arts—PAVE: Program
Program Director: Byron Clercx
VAB 117; 407-823-3145

A minor in Community Arts—Partners in Art in Visual Education (PAVE) is offered for students who are majoring in Art, Music, Theatre, or English.

Degrees: None
Tracks: None
Minors: Community Arts

Department of English
Chair: Patrick Murphy
CNH 405; 407-823-5596
Email: english@ucf.edu
http://www.english.cah.ucf.edu/

Faculty: Angley, Applin, Bartkevicius, Campbell, Casmier-Paz, Cato, Dombrowski, Flammia, Gleyzon, Grajeda, Hasanat, Hohenleitner, Hubbard, Jardaneh, A. Jones, D. Jones, Kamrath, Kesler, Lillios, Logan, Mauer, Meehan, Moody, Morton, Murphy, Neal, Nwakanma, Oliver, Poissant, Pugh, Rodriguez-Milanes, Roney, Rushin, Schell, Seidel, Stap, Telep, Thaxton, Trouard, Ullrich, Young; Professors Emeriti: Adicks, Barnes, Omans, Schillhorst

The Department of English is responsible for the effective teaching of language and literature in English, including World Literature, Linguistics, rhetoric, and creative, expository, and technical writing. Students may concentrate in creative writing, technical communication, or literature. The Department serves the broad needs of the University with course offerings in writing and literature for students from other departments. The department has a Technical Documentation Writing Lab and also publishes The Florida Review, The Cypress Dome, and The Faulkner Journal. An Honors in English program provides an enriched course of study for exceptional students, leading to graduation with honors. Program description follows concentration in degree plans.

Degrees: English (BA, MA), Creative Writing (MFA)
Tracks: Literature, Creative Writing, Technical Communication
Minors: Creative Writing, Digital Humanities, Florida Studies, Literature, Linguistics, Medieval/Renaissance, Technical Communication

Department of History
Chair: John Sacher
CNH 551B; 407-823-2225
Email: history@ucf.edu
http://history.cah.ucf.edu/

Faculty: Adams, Beiler, Cassanello, Clark, Crepeau, Dandrow, Darty, Farless, Fernandez, Foster, French, Gannon, Gordon, Herlihy, Kallina, Larson, Lester, Lindsay, Long, Lyons, Martinez-Fernandez, Murphree, Nair, O’Shea, Ozoglu, Pineda, Sacher, Solonari, Walker, Walters, White, Zhang; Faculty Emeriti: Colbourn, Leckie-Reed, Pauley, Shofner

History is the study of the past. Its objective is to understand the past, and through the past, to understand the present. The discipline of history is more than 2,500 years old and remains a vital body of knowledge in the 21st century.

Students who are interested in becoming a lawyer should seriously consider a major in history as a foundation for law school. Law is a historical phenomenon and part of the political, social, and economic processes that have contributed to the success of the United States. An understanding of history lends great insight to the function of, and motives behind, the legal system. In addition, a careful study of history will enable the student to become effective in oral and written communication while developing intellectual skills in critical thought and analysis, both of which are invaluable to the study of law.

The Department participates in the programs in Women’s Studies, American Studies, Africana Studies, Asian Humanities, Florida Studies, Judaic Studies, Middle Eastern Studies, and Latin American, Caribbean and Latino Studies.

Degrees: History (BA, MA, Accelerated MA)
Tracks: None
Minors: Diplomacy, History, Middle Eastern Studies, Russian Studies

Judaic Studies: Program
Program Director: Moshe Pelli
CNH 415 E-J; 407-823-5039 or 823-5129
Email: judaicst@ucf.edu
http://www.judaicstudies.cah.ucf.edu

Faculty: Hanson, Pelli

The Interdisciplinary Program in Judaic Studies offers both a Minor and a Certificate. The program offers instruction, conducts research, and disseminates knowledge in the civilization of the Jewish people from Biblical times to the present day in the major dimensions of its culture, literature, language, religion, philosophy, law, and social, political and economic organization. Because the roots of western culture and civilization and major world religions lie in ancient Jewish thought and practice as manifested in the Hebrew Bible and subsequent writings, Judaic Studies form an essential component of the university’s curricula.

The program enables students to acquire a foundation of knowledge of Jewish history, the Hebrew language, Jewish philosophy, culture, religious beliefs, and political aspirations; and to understand the contribution of Judaism to western civilization. The courses highlight major aspects of Jewish civilization, focusing on its interaction with other cultures and on the bodies of human knowledge upon which it draws. The program is designed to serve students pursuing careers in general or Jewish education, in communal works and Middle-Eastern affairs, in languages, humanities, or liberal arts, in the ministry or rabbinate, and in the community at large.

Degrees: None
Tracks: None
Minors: Judaic Studies
Certificates: Judaic Studies

Latin American Studies: Program
Program Director: Consuelo Stebbins
CNH 122; 407-823-1173
Email: latinamerica@ucf.edu
http://las.cah.ucf.edu/

The Latin American Studies BA and Minor provide students with an interdisciplinary knowledge of and the necessary tools to understand Latin America, the Caribbean, and Latinos in the United States. Students completing the minor will be prepared to apply their knowledge on the areas covered by the minor in a variety of careers including, but not limited to education, government, journalism, foreign service, social and community service, international trade, and public relations.

Degrees: Latin American Studies (BA)
Tracks: None
Minors: Latin American Studies
Middle Eastern Studies: Program

Program Director: Hakan Ozoglu
CNH 551; 407-823-2225
Email: hakan@ucf.edu
Advisory Board Co-Chairs: John C. Bersia; Janan Smither
http://middleeasternstudies.cah.ucf.edu/

An interdisciplinary minor designed to offer students both an overview of Middle Eastern civilization and a detailed study of its most important features. The focus of the program is on the religious, political, historical and social forces shaping the region. Course work will include classes from the curricula of participating programs (Modern Languages, History, Humanities, Judaic Studies, Philosophy, and Political Science).

Degrees: None
Tracks: None
Minors: Middle Eastern Studies

Department of Modern Languages and Literatures

Chair: TBA
CNH 523; 407-823-2472
Email: flfacult@ucf.edu
http://mll.cah.ucf.edu/

Faculty: Alarcon-Negy, Fabery, Fernández, Fernández-Rubiera, Folse, Garcia, Giordano, Koroos, Kourova, Leticee, Lopez, Ludwig, Mazzuchelli, Mihai, Montalvo, Nalbone, Pomerleau, Prucha, Purmensky, Redmon, Spina, Stebbins, Tatt, Trinquel, Villanueva-Gheffa, Vitanova; Professor Emeriti: Barsch, Del-Rio, Micarelli

The Department provides instruction in Arabic, Chinese, French, Italian, Japanese, Portuguese, Russian, and Spanish, with majors in French, and Spanish. These programs are designed to meet the needs of students who desire competency in a language and expanded understanding of a foreign culture and literature. Students desiring to major in a foreign language must meet all the requirements for graduation as set forth by the University, the College of Arts and Humanities, and by the Department of Modern Languages and Literatures.

Degrees: French (BA), Spanish (BA, MA), TESOL (MA)
Tracks: None
Minors: French, Italian, Russian Studies, Spanish
Certificates: TEFL, Translation

Department of Philosophy

Chair: Michael Strawser
PSY 220; 407-823-2273
Email: philosophy2@ucf.edu
http://www.philosophy.cah.ucf.edu/

Faculty: Cash, Coverston, De Cruz, DiBernardo, Evans, Fiore, Gleig, Janz, Jones, Kassim, Kuang, Mundale, Park, Schippert, Stanlick, Strawser; Faculty Emeriti: Congdon, Flick

The Department of Philosophy offers a Philosophy major, a Religion and Cultural Studies major, and a Humanities and Cultural Studies major, as well as minors in Philosophy, Humanities and Cultural Studies, Religion and Cultural Studies, and Cognitive Sciences. The Department requires all majors to receive advisement prior to registering each semester. Majors should schedule appointments with their departmental advisor. For any course used to satisfy a requirement (including electives) of the Philosophy major, the Humanities major, and Religious Studies, a grade of "C" or better must have been received.

Degrees: Philosophy (BA), Religion and Cultural Studies (BA), Humanities and Cultural Studies (BA)
Tracks: Regular and Honors
Minors: Cognitive Sciences; Humanities and Cultural Studies; Philosophy; Religion and Cultural Studies

Department of Writing and Rhetoric

Chair: Elizabeth Wardle
CNH 307I; 407-823-0576
Email: writingandrhetoric@ucf.edu
http://writingandrhetoric.cah.ucf.edu/

Faculty: Barnickel, Bell, Bowdon, Bryan, Cavanagh, Ethridge, Gomrad, Guenzel, Hall, Henken, Hespner, Holic, Ives, Launder, Marinara, Martin, Mohrenne, Owens, Pigg, Richardson, Ringfield, Rios, Roozen, Rounsaville, Schell, Schulz, Scott, Slack, Taylor, Tripp, Vie, Walls, Wardle, Weaver, Wolcott, Wright, Zemliansky

The Department of Writing and Rhetoric oversees the First-Year Composition Program and offers certificate and degree programs for the focused study of writing and rhetoric, including professional digital and civic writing, the teaching of writing, and the history and theory of rhetoric, composition, and literacy. Courses in our two undergraduate and two graduate programs emphasize, in particular, writing as civic engagement and writing with technologies. The department’s primary mission is to promote sustained writing opportunities across the university, the foundation for which we provide in first-year composition but which we also achieve through the efforts of the University Writing Center and Writing Across the Curriculum Program. The department celebrates student writing in Stylus, a journal for first-year writing, and the annual Knights Write Showcase.

Degrees: Rhetoric and Composition (MA), Writing and Rhetoric (BA)
Tracks: None
Minors: Writing and Rhetoric, Certificates: Public and Professional Writing, Professional Writing (Graduate certificate)

School of Performing Arts

Director: Jeffrey Moore

Music:

PAC M203; 407-823-2879; Fax: 407-823-3378
Email: music@ucf.edu
http://www.music.cah.ucf.edu/


The Music unit offers a Bachelor of Music degree with options in performance, music education, and composition; a Bachelor of Arts Degree in music; and a Bachelor of Music Education Degree with specializations in instrumental, choral and elementary school music. The Music Education programs are approved by the Florida State Department of Education. Students who desire to be certified to teach in elementary and secondary schools should major in Music Education. Courses leading to teacher certification are offered cooperatively with the College of Education and Human Performance. The Music Department is fully accredited by the National Association of Schools of Music. Music organizations on campus include Pi Kappa Lambda, Phi Mu Alpha, Sigma Alpha Iota, Tau Beta Sigma, Kappa Kappa Psi, Student Chapters of MENC and ACDA, and Music Student Advisory Council.

Degrees: Music (BA, MA), Music Education (BME), Music Performance (BM)
Tracks: Music Performance, Composition, Jazz Studies
Minors: Music, Performing Arts Administration

Theatre:

PAC T210A; 407-823-2862
Email: theatre@ucf.edu
http://www.theatre.cah.ucf.edu/

Faculty: Boyd, Brotherton, Brown, Chicurel, Harris, Heil, Helsinger, Ingram, Lartonoix, Listengarten, McDonald, Niess, Perry, Routhier, Rusnock, Scott, Shafer, Siegfried, Snyder, St. Claire, Tan, Tollefson, Weaver, Wood; Professor Emeritus: Smith

The Theatre unit seeks to develop theatre artists of the highest quality by providing a select number of students with the training, education, and experiences necessary for the successful pursuit of professional careers in theatre arts and the entertainment industries. In support of this mission and the liberal arts goals of the College of Arts and Humanities, the department seeks to provide its students with the
knowledge and skills necessary to live full, rewarding and productive lives. Offering undergraduate Bachelor of Arts and the Bachelor of Fine Arts degrees, as well as graduate Masters of Arts and Master of Fine Arts degrees, the Department of Theatre undertakes to develop and graduate theatre artists who are sensitive, aware human beings. Through its public performance programs, the department endeavors to serve as a cultural resource for the University, the community and the Central Florida region. Striving to provide its students with a competitive edge, the department employs a faculty and staff of artists/teachers who work intensely with students in the classroom and in production. To supplement this education and training, professional guest artists are brought to the campus to work in production and in the classroom. Before graduation, BFA students are required to complete a professional theatre internship and MFA students are required to complete a professional residency, thus providing them with a unique and invaluable introduction to the real world of professional theatre. Internships are optional for BA students. In all its endeavors, the Department of Theatre strives to create and maintain a professional environment necessary for the continued growth and development of its students, faculty, and staff.

Degrees: Theatre (BA, BFA, MA, MFA)
Tracks: Acting, Design and Technology, Stage Management, Musical Theatre, Theatre for Young Audiences, Theatre Studies
Minors: Dance, Theatre

School of Visual Arts and Design
Director: Byron Clercx
VAB 117; 407-823-2676
Email: svadavisng@ucf.edu
http://svad.cah.ucf.edu/

Professor Emeritus: Frederick

The School of Visual Arts and Design (SVAD) is a combination of the School of Visual Arts and Design, the School of Architecture, the School of Art and Design, and the School of Film and Television. It offers a wide range of programs, including Fine Arts, Design, Architecture, Film, Television, and Digital Media. The school is dedicated to providing a creative and innovative learning environment for students who wish to pursue careers in the arts. The curriculum is designed to prepare students for professional careers in the arts and design, as well as for graduate study in the arts.

Degrees: Architecture (BD), Art (BA, BFA), Digital Media (BA, MA), Emerging Media (MFA), Film (BA, BFA, MFA), Photography (BS)
Tracks: Art History, Cinema Studies, Emerging Media, Game Design, Studio Art, Visual Arts and Emerging Media
Management, Web Design
Minors: Art History, Digital Media, Film-Cinema Studies, Studio Art

Women’s Studies: Program
Program Director: M.C. Santana
CNH 122; 407-823-6502
Email: womensst@ucf.edu
http://www.womensstudies.cah.ucf.edu/

Faculty: Preston-Sidler, Santana, Tweed

The Women’s Studies program offers an interdisciplinary minor and a certificate in Women’s Studies in cooperation with several departments, programs, and schools. The program examines women’s roles in and contributions to past and present societies, and provides practical and theoretical knowledge about women’s and gender issues.

Degrees: BA (Interdisciplinary Studies)
Tracks: Women’s Studies Track in Interdisciplinary Studies
Minors: Women’s Studies, Certificate

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Arts and Humanities are located at: http://www.oeas.ucf.edu/alc/alc_students_cahum.htm
The College Mission Statement can be condensed into one sentence: The College of Business Administration advances the University’s mission and goals in providing intellectual leadership through teaching, research, and service. The vision is to create within the College an environment that nurtures learning and exploration, provides opportunities for faculty to disseminate information, provides educational opportunities for students, businesses and the general public, and provides a platform for many and various forms of partnerships.

Nurturing Learning and Exploration: The College is a catalyst for students, faculty, and the general public to gain a better understanding of the various fields of business. Educational experiences inspire learning and encourage exploration.

Dissemination of Information: Students are encouraged through the learning process to gather information to be used by them in future business vocations. Both students and faculty are encouraged to pursue outlets to share “new” information within their fields and to business practitioners.

Provide Educational Opportunities: Degree seeking individuals are provided with curricula leading to baccalaureate, masters, and doctoral programs. The College is also committed to providing more opportunities with structured learning experiences that “certify” non-degree seeking individuals as having accomplished a minimum requirement for a selected career.

Provide a Platform for Partnerships: The College is engaged in specific areas of excellence that provide opportunities for learning, exploration, and sharing. These specific areas of excellence take the form of Centers and Institutes, and selected niche areas of College units.

All undergraduate and graduate programs are accredited by the Association to Advance Collegiate Schools of Business International (AACSB).

Admission to the University of Central Florida does not imply admission to the College of Business Administration. For the BSBA and BABA degrees, students will only be allowed to enroll in the 3000/4000 level courses taught by the College of Business Administration after they have been admitted to the College. Admission to the College will be granted for BSBA and BABA students when the following are complete:

- Completion of the University General Education Program or an AA degree from a Florida College System institution and a minimum overall GPA of 2.0.
- Common Program Prerequisites with a minimum of a 2.0 GPA and “C” or better in each class.
- Completion of all Gordon Rule requirements.

Students who otherwise meet the University admission requirements, such as entering freshmen and transfer students, will be placed in a major pending category until they meet the requirements set forth above. Only grades of “C” (2.0) or higher will transfer into the program. Each student should attend orientation for academic advising and should meet with an academic advisor in the College to outline a program of study. Courses taken at Florida College System institutions do not substitute for upper division courses. Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
1. Admission requirements can and do vary among the business and Community/Junior College Transfer Notes. Summer term must obtain permission from the College. 

2. Student Load and positive plans for achieving a College of Business GPA of 2.0 or higher. If a student on LOP in the College of Business, fails to achieve a 2.0 cumulative minimum GPA in all business courses in the subsequent term, that student will be dropped as a Business major. A student who is dropped may seek re-admission as a Business major by submitting a petition indicating the reasons for academic difficulties.

3. College of Business majors must maintain a 2.0 or higher cumulative Grade Point Average in all classes taken within the College of Business Administration at UCF. Failure to maintain the required 2.0 GPA, will result in the student being placed on Lack of Progress (LOP) in the College. Lack of Progress in the College will continue until such time as the student’s cumulative GPA, in all business courses reaches 2.0 or higher. If a student on LOP in the College of Business, fails to achieve a 2.0 cumulative minimum GPA in all business classes in the subsequent term, that student will be dropped as a Business major. A student who is dropped may seek re-admission as a Business major by submitting a petition indicating the reasons for academic difficulties.

4. Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.

5. Professional courses should not be taken at a community/junior college in the areas of Accounting, Economics, Management, Marketing, Real Estate, or Finance. These professional areas are third and fourth year course areas in the College of Business Administration and cannot be satisfied with community/junior college courses.

6. A minimum of 12 credit hours must be completed at UCF within each individual major and a minimum of 30 hours of upper level courses within the UCF College of Business.

Admission

Undergraduate Student Services
Director: TBA
BA 210; 407-823-2184

The Office of Undergraduate Student Services (USS) is the primary office for undergraduate assistance in the College of Business. Degree requirements, registration, and any questions concerning University and College academic policies affecting Business majors should be directed to the Office of Undergraduate Student Services staff in BA 210 or by calling 407-823-2184. Visit USS’s home page at: http://www.bus.ucf.edu/students/undergraduate/.

Programs and Degrees

Title: Degree
Accounting: BSBA, MSA, MST
Business Administration: MBA, Ph.D.
Economics: BA, BSBA
Finance: BSBA
General Business Management: BSBA, MS HR
Marketing: BSBA
Business (Regional campuses only): BABA
Real Estate: BSBA, MSRE

Departments and Programs
Kenneth G. Dixon School of Accounting

Director: Sean Robb
BA 437; 407-823-2871
Assistant to Director: M. Hampton
BA 438; 407-823-5678

Faculty: Allen, Arnold, Dennis, Desai, Durham, Dwyer, Goldwater, Hampton, Hornik, Judd, Kelliher, Klintworth, Lako, Robb, Roberts, Roush, Schmitt, Smith, Sutton, Trompeter, Veit, Welch, Yu

Mission Statement
The mission of the Kenneth G. Dixon School of Accounting is to develop and deliver strong undergraduate and graduate programs, support and produce nationally and internationally relevant accounting research, and engage meaningfully with the academic and practitioner accounting communities.

Distinctive Benefits
- Strong industry ties allowing for unique opportunities for placement and advancement.
- A competitive internship program that places graduate students in positions with major employers in the community.
- The opportunity to enroll in outstanding graduate programs in accounting and taxation.
- A very strong faculty known for their teaching and research excellence.
- Over a dozen scholarships available to advanced students.
- Active student organizations including the Student Accounting Society and Beta Alpha Psi.
- A faculty committed to the continuous improvement of the accounting and taxation programs.
- Outstanding pass rates on the CPA exam.

Degrees: Accounting (BSBA, MSA, MST, Ph.D.)
Minors: Accounting
Students who major in finance are sought by both financial and business financial management, investments, banking and real estate financial management, commercial banking, real estate, investments, and counseling. The program in real estate is designed to provide students with broad-based liberal arts background that prepares them for careers in private business, government, and real estate. The purpose of the economics BA Program is to provide a strong foundation for further graduate studies in law, social sciences, and other fields or for training for careers in politics, teaching, research, social service, and other areas. Both programs enable students to better understand the economic and non-economic issues that are confronted in their jobs and their private lives and to provide the analytical skills that will allow them to resolve these issues.

**Distinctive Benefits**

- Flexible Curriculum: Students tailor the program to their individual interests through a large selection of electives.
- Interdisciplinary Linkages: Economics provides a solid foundation to link with many other disciplines allowing for a double major in Finance, Real Estate, Mathematics, and Political Science.
- Teaching quality: Many of the Economics faculty have received Excellence in Teaching Awards.
- Opportunity for strong quantitative and analytical training.
- Student Organizations: The Economics Club is an active student organization linking students to Alumni.
- Excellent preparation for law school admission.

**Degrees:** Business Economics (BSBA) Economics (BA)

**Minors:** Economics, Economic Policy

**Department of Finance**

**Interim Chair:** P. Gregg

**Faculty:** Ajayi, Anderson, Borde, Byrd, Chen, Choi, Curcio, Frye, Galow, Gilkeson, Gregg, Park, Ramanial, Schnitzlein, Smith, Strum, Swayne, Turnbull, Whyte

The program in finance is designed to provide the student with broad knowledge in finance, including business finance, investments, financial institutions, international finance, risk management, and real estate. The program provides the student with the theoretical background and tools of analysis required for making effective financial decisions. The study of finance prepares the student for careers in business financial management, investments, banking, and real estate.

**Distinctive Benefits**

- Students prepare for career opportunities in business and corporate financial management, commercial banking, real estate, investment management and counseling, investment banking, mortgage banking, multinational business, insurance, and government.
- Students who major in finance are sought by both financial and non-financial firms.
- The rapidly changing domestic and international economies need individuals who have the skills to make sound financial decisions.

**Degrees:** Finance (BSBA), Real Estate (BSBA)

**Minors:** International Business, Real Estate, Finance

**Certificates:** Banking, Investments, Real Estate Brokerage, Corporate Finance, Mortgage Brokerage, Real Estate Appraisal

**General Business**

**Faculty Advisor:** S. Goodman

**BA 335; 407-823-2679**

This option allows students to develop a general program of study which will satisfy career objectives not provided for by the specialized areas of concentration. To pursue this option, students should seek advisement in the Department of Management. An academic advisor will be assigned to assist each student in developing a meaningful program of study.

**Degrees:** General Business (BSBA, MBA, Ph.D.)

**Minors:** For non-Business majors

**Department of Management**

**Chair:** Stephen Goodman

**BA 309; 407-823-2679**

**Faculty:** Ambrose, Baz, Becker, Blencake, Boettcher, Ciuchita, Cleavenger, Connell, Crossley, Dagher, Danneels, Ford, Harris, Holland, Jarley, Jones, Kukluk, Leo, Migenes, Nichols, O’Donnell, O’Neal, Porter, Quinn, Rains, Rockmore, Saunders, Schminke, Taylor, Viggiano

Tomorrow’s managers must be prepared to meet the challenges of a highly dynamic and rapidly changing business environment. The objective of the Management program is to prepare students for the excitement and opportunities that this presents. To learn about management, students study the processes and techniques of leadership, planning, controlling, and staffing of both small and large organizations. The curriculum is designed so that students can choose to concentrate in either of two specialized areas: Entrepreneurship or Human Resource Management. Alternatively, students can choose to major in General Management which allows them to take a broader variety of course work and prepares them for general management responsibilities.

The department’s goal is to emphasize the expertise, knowledge, and skills necessary to not only a team player, but ideally a team leader. Whether the student is studying leadership, motivation, staffing, or international management, the curriculum will sharpen students’ skills in problem identification, analysis, and solution. This track can lead to a variety of rewarding careers in management positions throughout the organization. The department offers more specialized training - using the same approach - via our Human Resource Management track.

Career paths include positions in training and development, personnel and employee relations, equal opportunity and labor relations, human resource consulting, and more. For students interested in starting their own business or working for smaller fast growing organizations, the department offers specialized training via the Entrepreneurship Track.

**Distinctive Benefits**

- Excellent faculty, known for their creativity and enthusiasm in the classroom, and their commitment to students in and out of the classroom.
- A broad-based training that will open up opportunities in high-growth career areas.
- Internships that provide real-world experience and enhanced job opportunities.
- A “hands-on,” applied focus in our courses.

**Degrees:** Management (BSBA), Human Resources (MS)

**Tracks:** General Management, Entrepreneurship, Human Resource Management

**Minor:** Entrepreneurship

**Department of Marketing**

**Chair:** Ronald E. Michaels

**BA 307; 407-823-2108**

**http://www.bus.ucf.edu/marketing/**

**Faculty:** Allen, Bhadrwaj, Cole, Desireaju, Gundy, He, Joshi, Krishnamoorthy, Leon, Mao, Massiah, Mayfield-Garcia, Michaels, Quaintance, Sooder, Steiger, Stock, Tafaghodjami, Vadakkepatt, Valdez, Wang

The marketing major provides a superior education in foundation areas such as research, consumer behavior, professional selling,
marketing management, and strategy. Our curriculum focuses on building skills in communication, teamwork, critical thinking, analysis, and thinking strategically. Among the things you will learn are how to conduct sales calls, analyze sales and profit reports, prepare marketing plans, and construct marketing strategies—knowledge and skills that will make you highly marketable and successful. A wide assortment of marketing electives is designed to let each student round out his/her education according to individual career interests, whether that might be retailing, advertising, e-business, research, professional selling, sport marketing, healthcare marketing, entertainment marketing, or services. The curriculum is delivered by highly-talented faculty members and offers you a superior educational experience while at UCF. Students majoring in marketing have the opportunity to earn a personalized certificate in any of seven special interest areas. The certificate program combines elective courses with an internship, and enhances your value to potential employers.

The department’s highest visibility offering is the professional selling program (track within the major). Admission to this renowned program is competitive; application and interview are required. Scholarships for this program are available and awarded on a competitive basis. Please see our department website for more details.

A minor in marketing requires 19 hours. This course of study provides a strong basic education in marketing for College of Business students with majors other than marketing or students with majors from other Colleges. Earning a minor in marketing can add significant value and career flexibility for any UCF student with any major. Marketing internships are available (application necessary) and there are several vibrant marketing-related student organizations in which you can participate.

Distinctive Benefits
- Innovative curriculum for marketing majors and minors.
- Renowned Professional Selling Program is offered within the marketing major; application required.
- Seven certificate programs are available for marketing majors.
- A 19-hour marketing program is available for students with majors other than marketing.
- Twenty dynamic faculty members are among the strongest teachers in the College.
- Comprehensive course offerings are available each semester and summer—you can finish!
- Strong emphasis on preparing students for careers in marketing management.
- Approximately 15 scholarships are awarded annually on a competitive basis.
- Opportunities to participate in internships and honors in the major programs.
- Opportunities to participate in student chapters of the Society for Marketing Professional Services, the Ad Club, and the Sales Club.

Degrees: Marketing (BSBA)
Tracks: Generalist, Professional Selling Program
Minor: Marketing

For more information, visit [http://www.bus.ucf.edu/marketing/](http://www.bus.ucf.edu/marketing/) or call 407-823-2108. The department’s office is located in BA2 307S.

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Business Administration are located at: [http://www.oeeas.ucf.edu/aic/aic_students_cba.htm](http://www.oeeas.ucf.edu/aic/aic_students_cba.htm)
College of Education and Human Performance

Dean: Sandra L. Robinson
ED 308; 407-823-5529
http://education.ucf.edu

Executive Associate Dean for Academic Affairs: B. Grant Hayes
407-823-2046

Associate Dean for Research and Strategic Initiatives: Andrew Daire
407-823-3906

The role of the College of Education and Human Performance at the undergraduate level is to provide a high-quality education for teacher candidates in preparation for careers in early childhood, elementary, secondary/K-12, technical education and industry training and students in sport and exercise science professions. The College of Education and Human Performance is dedicated to preparing professional educators as reflective practitioners who meet the needs of our schools and society. UCF’s College of Education and Human Performance is the leading source of education baccalaureate degrees in the State of Florida.

Art Education
Early Childhood Development and Education
Elementary Education
English Language Arts Education
Mathematics Education
Science Education
Social Science Education
Sport and Exercise Science
Technical Education and Industry Training
World Languages Education

Success to Significance
- Among America’s Best Colleges of Education
- Invited to join the Carnegie Corporation of New York – Teachers for a New Era
- State program approval and National Accreditation
- Proven and promising practices
- Partnerships with fourteen Central Florida school districts, including the Florida Virtual School
- High quality teacher education programs
- Leadership in reform efforts
- Strength of faculty and students
- Broad influence in higher education community
- Access to cutting edge educational technologies, such as TeachLive
- Opportunities to become involved in professional education organizations
- State-of-the-art facilities
- UCF Teaching Academy
- Toni Jennings Exceptional Education Institute
- Morgridge International Reading Center
- Lockheed Martin Academy for Mathematics and Science
- Supporting Teacher Education Pre-Professionals (STEP) Programs
- Living, Learning Communities
- Teacher Education Assistance for College and Higher Education (TEACH) Grants
- Minority Teacher Recruitment and Retention Program
- Early and continuous field experiences
- Internships with highly qualified teachers
- Infusion of multicultural education, ESOL and technology throughout classes
- Florida Marriage and Family Research Institute
- ESOL Endorsement and Reading Endorsement included with selected teacher preparation programs
- Graduates from state approved initial teacher preparation programs are eligible for professional teacher certification
- Transition to Mathematics and Science Teaching Program (T-MAST)
Admission to the College of Education and Human Performance

Admission to the College will be granted when students meet the following requirements:

- Complete the University General Education requirements or an equivalent (i.e., an AA degree from an approved Florida College System institution or state university).
- Have a minimum 2.5 overall GPA; a minimum 2.75 overall GPA is required for Early Childhood Development and Education.
- Pass all four parts of the General Knowledge Test (GKT). It is highly recommended students take and pass the GKT in the Spring Semester of their Sophomore year. All teacher preparation programs require the GKT.
- Complete education common program prerequisite courses with a minimum letter grade of "C" (1.75) or better and a 2.0 GPA overall in the common program prerequisite area.
- Complete State University Foreign Language Admission requirement: 2 years in high school or 1 year in college of the same foreign language or American Sign Language.
- Complete Gordon Rule Requirement.

**Complete a change of major request to move from education pending to the intended education major upon successful completion of admission requirements.**

Transfer Notes:
Courses transferred from other institutions must be evaluated for equivalency credit. The student must provide all supporting information. Students transferring from a Florida College System institution are cautioned to pay careful attention to the General Education and Program Prerequisites sections of their intended major. Students are responsible for all ESOL assignments for UCF ESOL-infused courses that may be transferred from other institutions.

**New students will:**
1. Be classified as education pending until admission requirements are met and a change of major request has been submitted.
2. Meet college advising representatives in a group setting during Orientation to:
   a. Discuss College of Education and Human Performance admission requirements needed for enrollment in upper division education classes
   b. Review degree program requirements
   c. Understand expectations and responsibilities associated with a career in education
3. Be advised by the College of Education and Human Performance Undergraduate Advising office (ED 110) if their major is Elementary Education or Education Pending. Advising sessions may be scheduled by calling 407-823-3723.
4. Be assigned to an academic advisor in the area of their major upon completion of College of Education and Human Performance admission requirements. The advisor's name and email address appear on the Degree Audit and in myUCF to assist students in making an advising appointment.
5. Purchase and utilize LiveText software at the beginning of the first semester of enrollment in the College of Education and Human Performance based on program requirements.

**Continuing students will:**
1. Set up an appointment with their academic advisor upon acceptance to their major, or the Undergraduate Advising office if a "Pending" major, to review academic progress and to develop an academic plan. Review this plan each term with an advisor prior to registration;
2. View their Degree Audits through myUCF;
3. Register at scheduled appointment times in myUCF. Students must complete any changes to their schedules by the end of the published Add/Drop period;
4. Utilize LiveText software based upon program requirements; and
5. File an on-line “Intent to Graduate Form” by the end of the term prior to the term in which graduation is intended.

Office of Undergraduate Affairs and Partnerships
Executive Director: Bryan Zugelder
ED 110, 407-823-3723
http://education.ucf.edu

Located in the Education Complex in Suite 110, the Office of Undergraduate Affairs and Partnerships comprises Undergraduate Affairs, Undergraduate Advising, Recruitment & Retention, Clinical Experiences, and the UCF School & Community Partnership.

Mission Statement
The mission of Undergraduate Affairs and Partnerships is to promote student development and success through collaboration with College of Education and Human Performance faculty, staff, administrators and partners.

Clinical Experiences
Coordinator: Jodie Nichols
ED 110, 407-823-2518
http://www.education.ucf.edu/clinicalexp/

Clinical experiences provide students with a broad range of instructional opportunities in various school settings developed through cooperative planning with local school district administrators and teachers. Clinical experiences are an integral part of education programs and consist of early site-based experiences, as well as internships. Placement of students is the responsibility of the College of Education and Human Performance’s Office of Clinical Experiences. Students must complete internship experiences in one of the College of Education and Human Performance’s local partnership districts.

**Students must be aware** that criminal records may prevent placement in internship and/or employment in districts. Each school district follows state guidelines for fingerprinting and some districts have additional requirements.

All applications for internships are accessed at the Clinical Experiences website and are approved by the Office of Clinical Experiences. Once applications are approved by the Office of Clinical Experiences, students must register themselves for the internship course and prerequisites (if applicable).

**Application deadlines for all Internships are:**
February 15 for Fall semester
September 15 for Spring semester

**Internship I**
Internship I is a three semester hour experience. Students are assigned to work with state-defined, qualified supervising teachers. Students are enrolled in additional courses during the experience, outlined in the program listing of the catalog. Additional courses may be taken only with the consent of the academic program coordinator and department chair. The Internship I experience is completed locally and is arranged by the Office of Clinical Experiences.

**Admission to Internship I**
Admission to Internship I will be granted to students who have been admitted to the College of Education and Human Performance and who meet the following additional requirements at the time of application:

- Have on file passing scores on all 4 parts of the Florida Teacher Certification Examination General Knowledge Test before applying for Internship I.
- A minimum overall GPA of 2.5 or higher.
- Possess minimum specialization GPA of 2.5
- Possess minimum professional preparation GPA of 2.5
- Achieve a “C-” (1.75) or better in all prerequisite methods/specialization courses. However, a minimum overall GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
- Complete a formal application for Internship I online by the published deadlines.
- Meet any special departmental or program requirements
- Be recommended by the faculty of the department of the student’s major.

**NOTE:** Passing scores on all sections [General Knowledge Test, Professional, and Subject Area] of the Florida Teacher Certification Examination (FTCE) is required prior to entry into Internship II.
Internship II
Internship II is considered a full-time experience. Students are permitted to enroll in other classes only with the consent of their academic advisor. Internship II is a 9-12 semester hour experience (depending on the program) normally completed during the student’s last semester.

Admission to Internship II
Admission to Internship II will be granted when students have met the following requirements at the time of application.
- Successful completion of Internship I
- Have on file passing scores on all sections of the Florida Teacher Certification Examination (General Knowledge Test, Professional and Subject Area)
- Possess a minimum overall GPA of 2.5
- Possess minimum professional preparation GPA of 2.5
- Possess minimum specialization GPA of 2.5
- Achieve a “C-” (1.75) or better in all professional methods/specialization courses. A minimum overall GPA of 2.5 is required in addition to a minimum 2.5 GPA in the professional preparation and specialization areas.
- Complete a formal application for Internship II by the published deadline
- Be recommended by the faculty of the department of the student’s major
- Meet any special departmental or program requirements

The Internship II experience is completed locally and is arranged by the Office of Clinical Experiences in schools and districts where there are available placements.

*Some programs may specify a different GPA requirement for admission

Recruitment and Retention Program
Coordinator: Caroline Marrett
ED 110; 407-823-4409
http://education.ucf.edu/mtrrp/

Minority Teacher Recruitment and Retention Program (MTRRP)
The Minority Teacher Recruitment and Retention Program (MTRRP) is designed to recruit and retain diverse students as they prepare for a teaching career in education. MTRRP provides future educators with financial assistance, academic support, and professional development. Each student admitted into the program is paired with a faculty mentor in the College.

Program Objectives
- Recruit and retain diverse students interested in joining the teaching profession
- Promote academic excellence and foster professional development
- Provide service learning opportunities
- Encourage community engagement

Scholarship Requirements
Students must meet the following criteria:
- Eligible groups: African-American/Black, Asian-American/Pacific Islander, Hispanic, or American Indian/Alaskan Native
- Be a Florida resident
- Be admitted into the UCF College of Education and Human Performance as a degree-seeking undergraduate student
- Minimum semester and overall grade point average of 2.5
- Must be enrolled full-time
- Submit Scholarship Application by the deadline
- Complete 20 hours of community service for each semester the scholarship is received

Application deadlines:
- July 1 for Fall semester
- November 15 for Spring semester

Undergraduate Advising
Director: Undergraduate Affairs: Andrea Small
ED 110; 407-823-3723

The Undergraduate Advising office assists students with orientation, registration information, general academic advisement, college and university academic requirements and graduation certification. Students are encouraged to make an early appointment with an academic advisor. All students are encouraged to meet with an academic advisor each semester for schedule planning and to discuss progress toward degree completion. Academic advising is provided by walk-in appointments and advising sessions. Information regarding majors offered by the College of Education and Human Performance can be obtained in the Office of Undergraduate Affairs and Partnerships or at http://education.ucf.edu/ugrad/. Admission to the University of Central Florida does not imply admission to the College of Education and Human Performance. Students will be allowed to enroll in 3000/4000 level courses taught by the College of Education and Human Performance after they have been admitted to the College.

Graduation Requirements
To qualify for graduation, a student must successfully complete all coursework to include a minimum overall GPA of 2.5 (2.75 for Early Childhood Development and Education majors), a minimum 2.5 GPA in all specialization courses, and a minimum 2.5 GPA in professional preparation courses. In addition, students in state-approved initial teacher preparation programs must pass all applicable sections of the Florida Teacher Certification Exam (FTCE) and complete a portfolio according to program guidelines.

UCF School and Community Partnership
Executive Director: Bryan Zugelder
ED 110; 407-823-3723

The UCF School and Community Partnership is a consortium of the university, schools, community organizations and professional associations (local, state, national) and is based on the National Council for Accreditation of Teachers (NCATE) and the National Council for Accreditation of Teacher Education (NCATE) Professional Development Schools (PDSs). National, award-winning PDS school efforts demonstrate impact on pre-service and in-service initiatives.

Department of Child, Family, and Community Sciences
Chair: E.H. Mike Robinson, III
ED 209-E; 407-823-6106
Faculty/Academic Administrator: Brenda Thompson
ED 206-E; 407-823-6579


The Department of Child, Family, and Community Sciences (CFCS) offers both undergraduate and graduate programs related to careers in school settings and community agencies. The programs offered include: Counselor Education & School Psychology; Higher Education & Policy Studies; Career and Technical Education; and Exceptional Student Education.

See individual program websites and the graduate catalog for additional details. You can start by going to the department’s website: http://education.ucf.edu/departments.cfm.

Department of Educational and Human Sciences
Chair: Jay R. Hoffman
ED 209-B; 407-823-1272
Faculty Administrator: TBA
http://education.ucf.edu/academics_departments.cfm#Department of Educational and Human Sciences


The Department of Educational and Human Sciences (EHS) offers courses and programs to prepare students in areas of Instructional Design & Technology; Research; Measurement & Evaluation; as well as Sport & Exercise Science. The EHS Department has one bachelor’s level program: Sport and Exercise Science. Students majoring in Sport and Exercise Science B.S. can select one of the following areas: Coaching, Human Performance, or Community Sport & Fitness. The Department also offers a number of graduate programs and provides graduate courses in educational research, measurement and statistics that are required courses or electives in a number of programs offered in other divisions in the college. In addition, the EHS Department offers both a Coaching and a Fitness Training Minor.
School of Teaching, Learning and Leadership

Director: Michael Hynes
ED 209-D; 407-823-2005
http://education.ucf.edu/academics_departments.cfm#School of Teaching, Learning, and Leadership

Faculty Administrators and Coordinators:
Lindsay Archambault
ED 206-F; 407-823-2881
Maria Cox
ED 206-D; 407-823-1763
Melissa Feyer
ED 209-F; 407-823-0303
Janet Zajac
ED 223H, 407-823-0523


The School of Teaching, Learning and Leadership prepares candidates to work in a variety of school and community settings, in the areas of Elementary Education, Secondary Education, Educational Leadership, and Early Childhood Development and Education*. The Elementary Education program is designed for prospective teachers interested in the education of children through age twelve. Upon program completion, candidates are eligible for Florida teacher certification, including ESOL and Reading Endorsements. Secondary Education programs are designed for prospective teachers interested in working with students in a specific content area, either in formal 6-12 schools that require certification (Education Track) or outside formal K-12 schools that do not require certification (Lifelong Learning Track). Preparation includes special training in Biology, Chemistry, English (with ESOL Endorsement), Mathematics, Physics, or Social Science Education. Programs are available in K-12 areas, such as Art Education, Reading Education, and World Language Education (French or Spanish). The Educational Leadership master’s programs provide the theoretical and conceptual knowledge base required for the principalship in Florida and other states. Ed.S. and Ed.D. students have advanced academic and practical experiences preparing them for leadership roles at the school district level, including the superintendency.

*Early Childhood Development and Education: Early Childhood Careers is an A.S. to B.S. program restricted to students graduating with an A.S. in Early Childhood Education from Seminole State College that will prepare individuals to work with infants, toddlers, and families in early childhood settings

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Education and Human Performance are located at: http://oeas.ucf.edu/alc/alc_students_coe.htm
College of Engineering and Computer Science

Dean: Michael Georgiopoulos
HEC 114; 407-823-2156
http://www.cecs.ucf.edu

Associate Dean for Academic Affairs: Charles Reilly
ENG1 107; 407-823-2455

Associate Dean for Research and Administration:
Ranganathan Kumar; ENG32 202; 407-823-2156

Director, Academic Affairs: Kim A. Small
ENG1 107; 407-823-2455

Director, College Honors Programs: Charles Reilly
ENG1 107; 407-823-2455

Director, Diversity and Inclusion: Ola Nnadi
ENG1 281; 407-823-3466

Undergraduate Majors and Degrees

Aerospace Engineering
Civil Engineering
Computer Engineering
Computer Science
Construction Engineering
Electrical Engineering
Environmental Engineering
Industrial Engineering
Information Technology
Mechanical Engineering

BSAE
BSCE
BSPE
BS
BSConE
BSEE
BSVE
BSIE
BS
BSME

Accelerated BS/MS Degree Program

All of the Engineering and Computer Science departments except for the Department of Civil, Environmental, and Construction Engineering and the Information Technology Program are offering an Accelerated BS/MS degree program which will allow students of high academic standing to complete an MS degree at an accelerated pace. The generic rule for students in this program is that they will be allowed to use up to twelve hours of selected 5000 and 6000 level courses with a grade of “B” or higher toward fulfillment of both the BS and MS degree requirements. Interested individuals should see the program descriptions in the graduate and undergraduate catalogs. They may also contact the department Undergraduate Coordinator and/or Graduate Coordinator if they have any further questions.

College Vision

Our Vision is to be recognized as one of the premier Colleges of Engineering and Computer Science locally, nationally, and internationally. While we are aware of the need to maintain our fundamental capabilities, we will pursue new opportunities in teaching, research, and outreach by leveraging UCF’s strengths in innovative partnerships, effective interdisciplinary research, and a commitment to excellence, inclusiveness, and diversity.

College Mission Statement

Our Mission is to provide high-quality, broad-based education and experience-based learning in engineering and computer science; to create knowledge through pioneering scholarship and impactful research; to enrich our students’ development and leadership skills; and to address pressing local, state, national, and international issues in support of the global community.

Our college is able to attract students who are remarkably bright and talented. They come to our college to learn and become the technological leaders of tomorrow. Our Engineering and Computer Science faculty are some of the best and brightest that one can find anywhere. They share with our students the excitement of discovery and creative research as they teach the problem solving and leadership skills that prepare our students to be productive members of society.

College Organization

The College of Engineering and Computer Science is organized into two major divisions: the Engineering and Computer Science Division and the Reserve Officer Training Corps (ROTC) Division. The Engineering and Computer Science Division is comprised of five engineering departments: the Civil, Environmental, and Construction Engineering (CECE) Department, the Electrical Engineering and Computer Science (EECS) Department, the Industrial Engineering and Management Systems (IEMS) Department, Material Sciences and Engineering (MSE) Department, and the Mechanical and Aerospace Engineering (MAE) Department. The Department of Electrical Engineering and Computer Science offers degree programs in Computer Science, Information Technology, Electrical Engineering, and Computer Engineering. The ROTC Division is made up of the Aerospace Studies Department (Air Force ROTC) and the Military Science Department (Army ROTC).

All departments of the Engineering and Computer Science Division offer advanced studies leading to master’s degrees and the Doctor of Philosophy degree; see the Graduate catalog for further information on these graduate programs. The undergraduate engineering programs in Aerospace Engineering, Civil Engineering, Computer Engineering, Construction Engineering, Electrical Engineering, Environmental Engineering, Industrial Engineering, and Mechanical Engineering are accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. The Computer Science program is accredited by the Computing Accreditation Commission of ABET, http://www.abet.org.

The College houses the ROTC Division for those students desiring to pursue military training while earning their degree. The AFROTC program offers a minor in Aerospace Studies, and the AROTC program offers a minor in Military Science.

The Honors Program in the College of Engineering and Computer Science

The engineering and computer science leaders of tomorrow must not only have impeccable technical credentials, but must also be able to provide strong leadership within the general community in which they live. With this in mind, the Honors Program in the College of Engineering and Computer Science offers outstanding undergraduate engineering and computer science majors an enriched educational, technical, professional, and cultural experience that significantly augments the basic curricula. Honors students comprise academically superior students who commit, upon acceptance into the program, to do broad as well as advanced work in a chosen area.

The objective of the Honors Program is to provide exceptional students with an opportunity to express their creativity and problem-solving abilities through challenging coursework and participation in research projects. In addition, the program exposes students to a wide variety of issues dealing with the role of engineers and computer scientists and the impact of the profession on society. Honors students also participate in several programmed activities, such as lectures by distinguished scholars, engineers, and public figures, as well as visits to local and regional industries and to governmental and military research facilities.

There are two programs available to eligible CECS students: 1) the University Honors Program (see the section on the University Honors Program found in The Burnett Honors College section of this catalog); and 2) the Honors in the Major Program (HIM).

The Honors in the Major Program

The College of Engineering and Computer Science Honors in the Major program is designed for two types of students: 1) Highly qualified students who did not participate in the University Honors Program and would like to have the experience of an Honors curriculum, and 2) University Honors program students who desire to continue the Honors curriculum beyond what the University Honors Program offers. The centerpiece of the Honors in the Major program is the opportunity to undertake independent research as an undergraduate under the guidance of a faculty member in his/her major. The Honors in
the Major represents a total of six credit hours of work. These credit hours are acceptable as technical electives by all programs. These six credit hours consist of an Honors in the Major Seminar titled Research Methods in Engineering (EGN 4931H) (three credit hours), plus three credit hours of Undergraduate Honors Thesis (EGN 4970H).

The latter will result in an undergraduate thesis which will describe the research done by the student. The student will defend his/her thesis before a committee of faculty in the field as part of an oral examination covering the honors work. A sponsoring faculty member is required to supervise the undergraduate thesis.

In order to be admitted to the Honors in the Major program, the student must:
1. Have at least 60 credit hours, including at least 12 graded, upper division credit hours at UCF.
2. A minimum UCF GPA of at least 3.20 in all upper division courses.
3. A minimum GPA of 3.50 or more in the Engineering option courses.
4. A recommendation by a sponsoring faculty member. Exceptions to the eligibility criteria may be made by the College Honors Committee in individual cases, upon recommendation by a sponsoring faculty member.

To successfully complete the HIM program and receive said designation, the student must successfully defend the thesis and graduate with a minimum 3.5 GPA in the option courses, and minimum 3.2 GPA overall at UCF. No exceptions to this policy will be made for graduation. Successful candidates will be awarded an Honors in Engineering-Computer Science mention on the diploma and transcript, representing satisfactory completion of the program.

Application for admission to the Honors in the Major Program must be obtained from the Office of Research and Civic Engagement in the Burnett Honors College. Students in the College of Engineering and Computer Science must consult Dr. Charles Reilly, Engineering 1, Room 107. For more information about The Burnett Honors College programs, please visit their homepage at http://www.honors.ucf.edu.

The LEAD Scholars Program in the College of Engineering and Computer Science
Engineering and computer science students may also participate in the LEAD (Leadership Enrichment and Academic Development) Scholars Program (see the section on the LEAD Scholar Program found elsewhere in this catalog).

Additional Information on UCF Baccalaureate Engineering and Computer Science Programs
Information on each UCF engineering, computer science, and information technology program follows, and more current information on the departments can be found on the College home page at http://www.cecs.ucf.edu, and on the home pages of each department. For the home page associated with a particular program, see the listing for that department on the following pages of this catalog. Information on the Photonics Science and Engineering program offered jointly with the College of Optics and Photonics may be found in the section about that college.

Department of Civil, Environmental, and Construction Engineering
Chair: Mohamed Abdel-Aty
ENG2 211: 407-823-2841
http://www.cece.ucf.edu

Faculty: Abdel-Aty, Al-Deek, Behzadan, Catbas, Chang, Chopra, Cooper, Durancaeu, Filler, Hagen, Lee, Mackie, Nam, Nnadi, Olufa, O'Riordan-Adjah, Radwan, Randall, Reinhart, Tatari, Wang, Yun, Zaurin

The Civil, Environmental, and Construction Engineering Department (CECE) offers baccalaureate degrees in Civil Engineering (BSCE), Environmental Engineering (BSEnV), and Construction Engineering (BSCoEnE).

The Civil Engineering Program
The Civil Engineering major is concerned primarily with fundamental civil engineering design and analysis in such areas as structures, geotechnical engineering, sanitary engineering, water resources, and transportation engineering. Civil Engineering students are required to take a Project Design and Capstone Course, which synthesize various pre-requisite course offerings into a design project. These projects are usually “open-ended” and duplicate real world engineering problems. The students typically work in small design team groups. The pre-requisites needed for the various project courses vary.

Mission
The Civil Engineering Program Faculty strive to create a high quality learning experience for our students. The principal goals include:
1. Provide a broad engineering education to our graduates that will prepare them for both current and future professional challenges.
2. Promote a commitment to continued scholarship and service among our graduates.
3. Foster a spirit of innovation so that our graduates are positioned to take advantage of new technology in our profession.
4. Promote an environment that is inclusive and diverse.
5. To attain prominence in key areas of Civil Engineering graduate education and research.

The Environmental Engineering Program
The Environmental Engineering major is concerned primarily with the interactions with humans and their environment and the planning, design, and control of systems for environmental quality management for water, land, and air environments.

Environmental Engineering students are required to take a Project Design and Capstone Course which synthesize various pre-requisite course offerings into a design project. These projects are usually “open-ended” and duplicate real world engineering problems. The students typically work in small design team groups. The pre-requisites needed for the various project courses vary.

Mission
The Environmental Engineering Program Faculty strive to create a high quality learning experience for our students. The principal goals include:
1. Provide a broad engineering education to our graduates that will prepare them for both current and future professional challenges.
2. Promote a commitment to continued scholarship and service among our graduates.
3. Foster a spirit of innovation so that our graduates are positioned to take advantage of new technology in our profession.
4. Promote an environment that is inclusive and diverse.
5. To attain prominence in key areas of Environmental Engineering graduate education and research.
Program Educational Objectives
Within the first several years following graduation, graduates should:

1. Be successfully employed or employable in environmental engineering practice in areas such as solid waste, air pollution, water and wastewater treatment, water resources, or related fields and/or be continuing their studies at the graduate level.
2. Show a commitment to ethical practice and professional development by extending their knowledge through continuing education and self-directed life-long learning, professional licensure, and service to the profession and society.

Student Outcomes
1. Graduates will demonstrate the knowledge and ability required to solve problems in engineering fundamentals in the areas of mathematics and chemistry.
2. Graduates will demonstrate the knowledge and ability required to solve problems in engineering fundamentals in the areas of statistics and economics.
3. Graduates will demonstrate the knowledge and ability required to solve discipline-specific engineering problems in the areas of water, wastewater, and water resources.
4. Graduates will demonstrate the knowledge and ability required to solve discipline-specific engineering problems in the areas of air quality, solid waste, and hazardous waste.
5. Graduates will demonstrate the ability to think critically.
6. Graduates will work in teams to solve engineering problems.
7. Graduates will demonstrate an ability to communicate their ideas effectively through written and oral reports.
8. Graduates will be exposed to the role and responsibility of an engineer involving ethics, professionalism, engineering practice, and registration.

The Construction Engineering Program
The Construction Engineering major is concerned with preparing students for the engineering management of construction projects by developing skills for the selection of construction methods and processes, construction project planning and control, and resource management. Construction Engineering students are required to take a Project Design and Capstone Course which synthesize various pre-requisite course offerings into a design project. These projects are usually “open-ended” and duplicate real world engineering problems. The students typically work in small design team groups. The prerequisites needed for the various project courses vary.

Mission
The Construction Engineering Program Faculty strives to create a high quality learning experience for our students. The principal goals include:
1. Provide a broad engineering education to our graduates that will prepare them for both current and future professional challenges.
2. Promote a commitment to continued scholarship and service among our graduates.
3. Foster a spirit of innovation so that our graduates are positioned to take advantage of new technology in our profession.
4. Promote an environment that is inclusive and diverse.
5. To attain prominence in key areas of Construction Engineering graduate education and research.

Program Educational Objectives
Within the first several years following graduation, graduates should:
1. Be successfully employed or employable in construction engineering practice in areas such as estimating, scheduling, program development, and construction project management, or related fields and/or be continuing their studies at the graduate level.
2. Show a commitment to ethical practice and professional development by extending their knowledge through continuing education and self-directed life-long learning, professional licensure, and service to the profession and society.

Student Outcomes
1. Graduates will demonstrate the knowledge and ability required to solve problems in engineering fundamentals in the areas of mathematics and statics.
2. Graduates will demonstrate the knowledge and ability required to solve problems in engineering fundamentals in the areas of statistics and economics.
Department of Electrical Engineering and Computer Science

Computer Science Division
Chair: Gary T. Leavens
HEC 437D; 407-823-3957

Faculty: Abdallah, Angel, Bassiouini, Boloni, Chatterjee, da Vitoria Lobo, Dechev, Deo, Eisler, Foroshin, Glinos, Gomez, Gonzalez, A.Guha, R. Guha, Heinrich, Hu, Hughes, Hughes, Jha, Lang, LaViola, Leavens, Llewellyn, Marinescu, Montagne, Nedorost, Orooji, Pattanaik, Shah, Stanley, Sukthankar, Szumilanski, Tappan, Turgut, Wocjan, A. Wu, Zhang, Zou

The Computer Science Program
The Computer Science program offers courses and programs leading to Bachelor of Science, Master of Science (see online Graduate Catalog), and Doctor of Philosophy (see online Graduate Catalog) degrees in Computer Science. In addition, the program offers minors in Computer Science and Information Technology.

The program strives to meet the requirements for professional careers and research in software development and computing systems technology by producing graduates with a broad base of formal course work. Students may use restricted elective credit to concentrate their degree in one of many research areas, including bioinformatics, computational complexity, computer architecture, computer graphics, computer networks, computer simulation, computer security, computer vision, database systems, design and analysis of algorithms, distributed and cloud computing, digital media, evolutionary computing, graph theory, human-computer interaction, machine learning, mixed and virtual reality, multi-agent systems, natural language processing and knowledge-based systems, neural networks, operating systems, parallel processing, quantum computing, and software engineering.

Research facilities are organized around laboratories directed by faculty members. Facilities in these laboratories change rapidly and are generally funded through external research grants, supplemented by grant matching and startup funds from EECS. To learn about the current status of research facilities and projects, visit faculty web pages. These may be found by following links from the EECS home page at http://www.eecs.ucf.edu/.

Mission
The mission of the Computer Science program is to educate majors in the principles and practices of computer science, preparing them for graduation school, for careers in software development and computing technology, and for a lifetime of learning.

Program Educational Objectives
1. CS graduates demonstrate the knowledge and skills necessary to participate as effective and productive team members or team leaders in the development of large computer and software systems covering a broad range of engineering and scientific applications to their chosen career.
2. CS graduates have roles in professional careers including, but not limited to, the following: computer programmer, software engineer, software systems designer, software applications developer, technical software project lead, computer systems analyst, computer systems programmer, software applications tester and maintainer.
3. CS graduates demonstrate the knowledge and skills to do advanced studies and research in computer science and related engineering and scientific disciplines.
4. CS graduates demonstrate the communication skills, both oral and written, to become effective team-oriented problem solvers as well as effective communicators with non-technical stakeholders in their profession and/or community.

Student Outcomes
1. Apply knowledge of computing and mathematics appropriate to the discipline specifically to include the application of mathematics, science and engineering to solve and reason about computational problems.
2. Analyze a problem, and identify and define the computing requirements appropriate to its solution.
3. Design, implement and evaluate a computer-based system, process, component, or program to meet desired needs and budget, by applying best practices in software development processes, methods, and tools.
4. Function effectively on teams to accomplish a common goal.
5. Demonstrate an understanding of professional, ethical, legal, security, and social issues and responsibilities.
6. Communicate effectively with a range of audiences; in particular, graduating majors shall demonstrate effective oral and written communication skills while disseminating technical information about computing technology and its applications.
7. Analyze the local and global impact of computing on individuals, organizations, and society.
8. Recognize the need for continuing professional development and shall demonstrate the knowledge of research tools and professional resources necessary to accomplish this end.
9. Use current techniques, skills, and tools necessary for computing practices.
10. Apply mathematical foundations and computer science theory, in particular principles of algorithmic design and complexity analysis, in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
11. Apply design and development principles in the construction of software systems of varying complexity.
12. Demonstrate their knowledge of, and ability to apply, programming fundamentals in at least three programming languages.
13. Demonstrate their knowledge and understanding of, and their ability to apply the concepts and design principles relating to: data structures, computer architecture and organization, programming languages, operating systems, and networks.

The Information Technology Program
The Information Technology program offers courses leading to the Bachelor of Science degree in Information Technology. Information Technology encompasses computer software, hardware, peripheral devices and their use in communication networks and information systems. IT-related disciplines include database engineering, network engineering, performance planning, system security, digital media design, and web server design. The program provides students a strong conceptual core, which will prepare students to be lifelong learners, along with significant hands-on experience. The inclusion of advanced courses in programming, technical writing, ethics in science and technology, human technology interaction, IT system integration, enterprise computing, and web-based IT will prepare these students to communicate in the parlance of the industries in which they choose to work.

Mission
The mission of the Bachelor of Science in Information Technology Degree Program is to educate students in the science and practices of information technology, preparing them for a lifetime of learning and for careers in information technology as well as in a wide variety of disciplines that integrate information technology into their respective fields of activity.

Program Educational Objectives
The objectives of the Information Technology Program at UCF are that:
1. Graduates demonstrate the technical competence necessary for careers in information technology as well as in a wide variety of disciplines that integrate information technology into their respective fields of activity.
2. Graduates demonstrate communication skills, teamwork capabilities, and leadership abilities necessary for a successful professional career.
3. Graduates participate in lifelong learning activities appropriate to their profession, including graduate study, professional training, and involvement in professional societies.

Student Outcomes
By graduation each student should be able to:
1. Apply knowledge of computing and mathematics appropriate to the discipline.
2. Analyze a problem, and identify and define the computing requirements appropriate to its solution.
3. Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs and budget.
4. Function effectively on teams to accomplish a common goal.
5. Understand professional, ethical, legal, security and social issues and responsibilities.
6. Communicate effectively with a range of audiences.
7. Analyze the local and global impact of computing on individuals, organizations, and society.

College of Engineering and Computer Science

UNIVERSITY OF CENTRAL FLORIDA
Electrical and Computer Engineering Division

Chair: Zhihua Qu

The mission of the UCF Computer Engineering Program is to develop and disseminate the theory and methods for the design, analysis, and implementation of the principles and practices in Electrical Engineering programs through a logical progression of courses. Design experiences start with the first circuits course, EEL 3004C, and progress to the senior design capstone courses. The senior design experience is a one-semester sequence totaling six credit hours. Aspects of engineering economics, administration, oral presentation, professional issues such as ethics, safety and environmental impact are also covered in the design courses. The design projects required in the design course sequence address real-life problems, and the students work in a team setting. Also, several projects are developed jointly with our industrial partners.

The Computer Engineering Program

The Computer Engineering program contains a minimum of 63 credit hours of design experience, which includes courses listed as Embedded Systems and Computer Architecture (EEL 4742C and EEL 4768B), Computer Science I (COP 3502C) and Computer Engineering programs through a logical progression of courses. Design experiences start with the first circuits course, EEL 3004C, and progress to the senior design capstone courses. This senior design experience is a two-semester sequence totaling six credit hours. Aspects of engineering economics, administration, oral presentation, professional issues such as ethics, safety and environmental impact are also covered in the design courses. The design projects required in the design course sequence address real-life problems, and the students work in a team setting. Also, several projects are developed jointly with our industrial partners.

The Electrical Engineering Program

The Electrical Engineering Program contains a minimum of 63 credit hours of design experience. This is achieved through such courses as Linear Control Systems (EEL 3657), Electronics I and II (EEE 3307C and EEE 4309C), Digital Signal Processing (EEL 4750), Analog and Digital Communication Fundamentals (EEL 3552C), Embedded Systems (EEL 4742C), Networks and Systems (EEL 3123C) and Digital Systems (EEE 3342C). Technical electives can give additional design experiences leading to work in communications, controls, image and signal processing, microelectronics and solid state devices, microwaves and electromagnetics, optical engineering, and power/electric power electronics.

Mission

The mission of the Electrical Engineering Program is to develop and disseminate the theory and methods for the design, analysis, and implementation of the principles and practices in Electrical Engineering.

Program Educational Objectives

The objectives of the EE Program at UCF are that:
1. Graduates demonstrate competence leading to success in technical and professional career.
2. Graduates demonstrate competence in effective communication, teamwork, and leadership skills leading to a successful career in professional societies, and participating in training opportunities.
3. Graduates demonstrate the pursuit of lifelong learning in their areas of interest, including graduate studies, membership in professional societies, and participating in training opportunities.

Student Outcomes

Graduates of the Electrical Engineering program should attain:
1. An ability to apply knowledge of mathematics, science, and engineering.
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. An ability to function on multidisciplinary teams.
5. An ability to identify, formulate, and solve engineering problems.
6. An understanding of professional and ethical responsibility.
7. An ability to communicate effectively.
8. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
9. A recognition of the need for, and an ability to engage in life-long learning.
10. A knowledge of contemporary issues.
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
13. Knowledge of advanced mathematics typically including differential equations, linear algebra and complex variables.

The mission statement and objectives for the Computer Engineering and Electrical Engineering programs are continuously updated. More information on the Computer and Electrical Engineering programs can be found on the home page at http://www.ece.ucf.edu.
Department of Industrial Engineering and Management Systems

Chair: Waldemar Karwowski
ENG2 312; 407-823-2204; Fax: 407-823-3413

Faculty: Calabrese, Elshennawy, Geiger, Hoekstra, Karwowski, Kotour, Lee, McCauley-Bush, Mollaghahemi, Pazour, Proctor, Rabelo, Reilly, Sepulveda, Thompson, Xanthopoulos, Zheng

Industrial Engineers work to continuously improve the design of systems, processes, or products. They design systems that translate a specific product design into a physical reality in the most productive manner and with the highest possible quality. In doing so, the industrial engineer deals with decisions regarding the utilization of people, materials, machines, and automation (including robotics). Industrial engineers are also skilled in Engineering Economic Analysis and Information Management since they are generally considered to be the natural interface between the technical specialist and management.

Industrial Engineers are generally sought in industry, service, and government organizations. In the industrial sector, the industrial engineer is concerned with improving productivity and quality of the manufacturing, distribution, and management system of organizations. In the service sector, the industrial engineer is concerned with determining the most productive manner in which to deliver high-quality service to the customer. In government organizations the industrial engineer is active in assuring that tax payers receive maximum service for their tax dollars.

The Industrial Engineering approach is characterized by a systematic evaluation of alternatives using quantitative analysis, and computer simulations. As such, quantification and measurement play a key role in the day to day activities of the industrial engineer.

Engineering design experiences are incorporated into many of the required industrial engineering core courses. For instance, students learn how to apply the principles of engineering design to production systems and cost estimation in EIN 3351, to work methods and process flows in EIN 3314, and to facilities design and layout in EIN 4364. The design experience concludes with a real-world system design in the capstone course EIN 4891.

Mission
To produce industrial engineering leaders who design and improve operations in industry, business, and government for the global economy of the 21st century. Specifically, we seek:

1. To provide graduates with the necessary knowledge and skills to assume challenging careers in leading private and public organizations, pursue advanced studies, or start-up their own businesses.
2. To provide employers with graduates who are technically competent, have fundamental knowledge of management and interpersonal skills, and ability to professionally grow and develop their careers.
3. To provide society with graduates who conduct themselves professionally and ethically and who appreciate the impact and importance of their work on society.

Program Educational Objectives
Within the first several years following graduation, Graduates should:

1. Be successfully employed in challenging or satisfying positions in the public or private sector.
2. Achieve professional growth through participation in advanced studies at the graduate level and/or career development activities.
3. Show a commitment to industrial engineering as a global service profession and practice with integrity, honesty, and objectivity.

Student Outcomes
1. Students will be able to apply mathematics, science and engineering fundamentals in classroom and real world projects.
Department of Mechanical and Aerospace Engineering

Interim Chair: Suryanarayana Challapalli
ENG1 307; 407-823-2416; Fax: 407-823-0208


The Department of Mechanical and Aerospace Engineering offers undergraduate degree programs in Aerospace Engineering and Mechanical Engineering. The Aerospace Engineering program is designed to provide a broad-based foundation in aeronautics and astronautics, including topics such as aerodynamics, propulsion, aerospace structures and materials, flight dynamics, and control and performance. The Mechanical Engineering program is designed to provide a broad-based foundation in thermo-fluids and mechanical systems, including topics such as solid mechanics, dynamics and controls, vibrations, CAD/CAM/FEM, fluid mechanics, heat transfer, and structure and properties of materials.

Both programs seek to convey an understanding of the fundamental principles of science and engineering, to stimulate curiosity and creativity, to provide hands-on experience in laboratories, and to prepare students to design systems which solve current and relevant societal problems. The design experience begins in the freshman engineering courses and grows throughout the curricula with increased emphasis on student creativity, open-ended problems, materials selection, design methodology, feasibility considerations, alternative solutions, and concurrent design, and culminates in the senior capstone design courses. The use of computers and written and oral communication are part of the design experiences throughout the programs.

Mission: Aerospace Engineering

In support of the University and College, the mission of the Aerospace Engineering program is to provide the highest quality engineering education through cooperative efforts with regional aerospace industry and to propagate methods for the design, analysis, and implementation of the principles and practices particular to the aerospace engineering field. Our graduates will be trained to be competitive in their role as aerospace engineers in society and will have an awareness of ethical, environmental, economic, safety, and quality issues. They will be supplied with skills necessary to achieve life-long learning and to pursue their personal and professional development upon completing the program. Through these characteristics our graduates will be able to rise to positions of prominence in the technical society of tomorrow.

Program Educational Objectives

1. Career Preparation: Graduates will find meaningful employment as engineers in aerospace and allied disciplines, or pursue graduate study in engineering, business, or allied areas. Graduates will emphasize aeronautical systems or space systems, and will have a command of engineering principles.
2. Skills: Graduates will demonstrate skills enabling them to be productive in their chosen career. These tools include understanding contemporary topics in aerospace technologies, command of modern engineering tools, design experience, and professional experience appropriate to their post-graduation goal.
3. Professionalism: Graduates will be able to communicate effectively, understand and undertake professional responsibilities, and function effectively as members and leaders of multidisciplinary teams in their chosen profession.
4. Life-long Learning: Graduates believe that their undergraduate aerospace engineering education was a wise investment and desire to continue to develop their knowledge and skills throughout their careers.

Student Outcomes

1. A broad and in-depth understanding of engineering/scientific principles and aerospace concepts in a core area of engineering. Students will have a command of aerodynamics, structures, propulsion, flight mechanics, and stability and control with an ability to apply these principles and concepts to design and analysis.
2. A broad understanding of social, cultural, and ethical principles and responsibilities.
3. An ability to identify, define and solve complex problems that cut across disciplines.
4. An ability to apply math, science, and engineering to problems at the interface between component design and system design.
5. An ability to communicate effectively using appropriate technology and efficiently using information resources.
6. An ability to work collaboratively in multi-disciplinary teams and understand team dynamics.
7. The ability to generate questions and hypotheses, design experiments that will provide meaningful answers, and collect and interpret measurements from aerospace engineering applications.

Mission: Mechanical Engineering

In support of the University and College, the mission of the Mechanical Engineering program is to provide the highest quality engineering education through cooperative efforts with regional industry and to propagate methods for the design, analysis, and implementation of the principles and practices particular to the mechanical engineering field. Our graduates will be trained to be competitive in their role as mechanical engineers in society and will have an awareness of ethical, environmental, economic, safety, and quality issues. They will be supplied with skills necessary to achieve life-long learning and to pursue their personal and professional development upon completing the program. Through these characteristics our graduates will be able to rise to positions of prominence in the technical society of tomorrow.

Program Educational Objectives

1. Career Preparation: Graduates will find meaningful employment as engineers in mechanical or allied disciplines, or pursue graduate study in engineering, business, or allied areas. Graduates will emphasize mechanical systems or energy systems and will have a command of engineering principles.
2. Skills: Graduates will demonstrate skills enabling them to be productive in their chosen career. These tools include understanding contemporary topics in mechanical technologies, command of modern engineering tools, design experience, and professional experience appropriate to their post-graduation goal.
3. Professionalism: Graduates will be able to communicate effectively, understand and undertake professional responsibilities, and function effectively as members and leaders of multidisciplinary teams in their chosen profession.
4. Life-long Learning: Graduates believe that their undergraduate mechanical engineering education was a wise investment and desire to continue to develop their knowledge and skills throughout their careers.

Student Outcomes

1. A broad and in-depth understanding of engineering/scientific principles and mechanical concepts in a core area of engineering. Students will concentrate on mechanical systems or energy systems with an ability to apply those principles and concepts to design and analysis.
2. A broad understanding of social, cultural, and ethical principles and responsibilities.
3. An ability to identify, define and solve complex problems that cut across disciplines.
4. An ability to apply math, science, and engineering to problems at the interface between component design and system design.
5. An ability to communicate effectively using appropriate technology and efficiently using information resources.
6. An ability to work collaboratively in multi-disciplinary teams and understand team dynamics.
7. The ability to generate questions and hypotheses, design experiments that will provide meaningful answers, and collect and interpret measurements from mechanical engineering applications.
8. The ability to adapt to sociological and technological change.
9. A significant professional or research experience prior to graduation demonstrating their ability to describe a range of design options, to evaluate the tradeoffs for each option, to understand the need to design for manufacturability and production, and to integrate these concepts to select the best option.
10. The ability to use modern engineering tools in experiments, analysis and design, and to assess the appropriateness of these tools.
11. An understanding of contemporary mechanical engineering applications of technology and their uses in engineering practice.

Department Policy for Double Degree in Mechanical and Aerospace Engineering
The faculty of the Mechanical and Aerospace Engineering Department believe that a double degree from the department should reflect a significant achievement and a significant increase in knowledge and formal coursework above the requirements for a single degree. Any undergraduate in Mechanical and Aerospace Engineering desiring to obtain a double degree shall meet the following requirements.

- The student shall meet all major requirements for each degree.
- Additional 22 credit hours beyond the major courses for the double degree should be upper level engineering related course work approved by the department.
- The same catalog year must be used for both degrees.
- The student must have a minimum of 150 credit hours.

Additional notes:
- The extra hours represent at least one additional semester of full time enrollment.
- All majors completed will be indicated on the student’s transcript.

Aerospace Engineering Major Pursuing Mechanical Engineering Additional Degree
Students will need to complete a minimum of 150 credit hours which will include the 22 additional hours to earn a Bachelor of Science Mechanical Engineering degree in addition to the Bachelor of Science Aerospace Engineering degree. The additional courses are: Must take EML 3500: Machine Design. Must select 2 courses from the following 5 options: EML 3101: Thermodynamics of Mechanical Systems (3hrs) or EML 4505xxx: Analysis and Design of Machine Components (3hrs), or EML 4313: Intermediate Dynamics and Controls (3hrs), or EML 4143: Heat Transfer II (3hrs), or EML 4703: Fluid Mechanics II (3hrs). Must select 1 course from the following 2 options: EML 4306C: Energy Systems Lab (3hrs), or EML 4301C Mechanical Systems Laboratory (3hrs) and complete 10 credit hours of Approved Departmental Technical Electives.

Mechanical Engineering Major Pursuing Aerospace Engineering Additional Degree
Students will need to complete a minimum of 150 credit hours which will include the 22 additional hours to earn a Bachelor of Science Aerospace Engineering degree in addition to the Bachelor of Science Mechanical Engineering degree. The additional courses are: EAS 3101: Fundamentals of Aerodynamics (3hrs), EAS 3801C: Design of Experiments (3hrs), EAS 4200: Design and Analysis of Aerospace Structures (3hrs), EAS 4105: Flight Mechanics (3hrs), EAS 4134: High-Speed Aerodynamics (3hrs), EAS 4300: Propulsion Systems (3hrs) and 4 credit hours of Approved Departmental Technical Electives.

Reserve Officer Training Corps
Air Force ROTC (Aerospace Studies)
Chair: Colonel Todd Freece
Classroom II/ROTC, Room 221; 407-823-1247, Fax: 407-823-2265

Faculty/Staff: Major Dennis Clark, Major Stephen Bridges, Major Jerry Hallott, Major Craig Labrecque, Technical Sergeant Michelle Stokes, Staff Sergeant Brianna Horton, and Mrs. Ellen McCade, Office Manager

The Department of Aerospace Studies provides pre-commissioning education for qualified students who desire to serve as commissioned officers in the active duty Air Force. The department offers three-year, three and a half-year, and four-year, Air Force ROTC programs. Students enrolled in SECAP qualified technical majors are permitted five years to complete the AFROTC program. Students seeking to earn an Air Force commission participate in mandatory classroom academics, leadership laboratory, and physical conditioning during their freshman through senior years. The Department of Aerospace Studies also offers a “Cross-Town” program allowing local community college students to begin the Air Force ROTC program while dual enrolled in a designated community college for their undergraduate degree classes and at UCF as a non-degree seeking student for their Air Force ROTC classes and activities. All programs offer scholarship opportunities to selected students. Students are invited to visit or register the Department of Aerospace Studies to obtain additional information. The Air Force retains sole discretion whether or not any applicant is qualified for pre-commissioning education through the Air Force ROTC program. More information on the Aerospace Studies program can also be found on the UCF AFROTC home page at http://airforce.ucf.edu and the Air Force ROTC home page at http://www.afrotc.com.

Curriculum
Students enrolled in the Air Force ROTC program may major in any academic discipline and earn a minor in Aerospace Studies. A major is not offered by this department. AFROTC courses are listed under the prefix AFR. The curriculum is divided into two phases:

1. General Military Course (GMC)
The General Military Course is designed to give students their first exposure to the Reserve Officer Training Corps program during their freshman and sophomore years. The courses deal with the mission, organization, and structure of the US Air Force, and the development of air, space, and cyber power into a prime element of American national security.

2. Professional Officer Course (POC)
The Professional Officer Course is designed to develop and hone managerial and officer skills during a student’s junior and senior years. All students who seek a commission through the Air Force ROTC must complete the POC curriculum. The curriculum involves the study of concepts of leadership and management in the Air Force and an analysis of the formulation and implementation of American defense policy.

Leadership Laboratory
Leadership Laboratory is a required lab that must be taken in conjunction with the academic class. Leadership Laboratory is only open to students who are members of the Reserve Officer Training Corps or are eligible to pursue a commission as determined by the Professor of Aerospace Studies.

Requirements for entry into the Professional Officer Course:
- Be at least 17 years of age at the time of acceptance.
- If entering Flight Training, complete the Professional Officer Course (POC) and all degree requirements prior to reaching age 29, or
- If entering a non-flying Air Force specialty, complete the POC and all degree requirements before age 30 (waiverable to age 35).
- Pass the Air Force Officer Qualifying Test.
- Pass an Air Force medical examination.
- Pass the Air Force Physical Fitness Assessment each semester.
- Cumulative GPA of 2.5 or higher.
- Selection by the Professor of Aerospace Studies.
- Successful completion of a summer Field Training course.
- Enlistment in the Air Force Reserve certifying agreement to complete the POC and accept an Air Force Commission. This enlistment is terminated upon receipt of a commission.

Physical Conditioning
In addition to attending Leadership Laboratory, students enrolled in the Air Force ROTC program must also participate in physical conditioning. Physical conditioning is conducted on the UCF campus three days each week.

Monetary Allowance
All contracted students enrolled in the Professional Officer Course receive a tax-free monetary allowance of $450 or $500 per month based on their academic classification.

Air Force ROTC Scholarship Program
Scholarships are phased between two and four years and are awarded on a competitive basis. Depending on state residency and credit hours, these scholarships can provide for full tuition and fees, including an allowance for textbooks. Air Force ROTC scholarships do not provide funds for room and board expenses. For additional information on Air Force ROTC call 407-823-1247 or visit our website at http://airforce.ucf.edu or email us at AFROTC@ucf.edu. This information is subject to change.
Summer Training
All students must complete a four week summer Field Training course conducted at Maxwell Air Force Base in Montgomery, AL, prior to their formal enrollment in the Professional Officer Course Curriculum (typically the summer between sophomore and junior years). This course includes junior officer training, officer career orientation, physical conditioning, and training for operations from austere forward deployed locations.

Officer Commissioning
Students who complete the Professional Officer Course are appointed Second Lieutenants in the United States Air Force. After completing the training program and entering active duty, they serve a minimum active duty tour which varies in length depending on their particular career area (typically four years). Such obligations are explained by detachment officers in detail during one-on-one counseling sessions conducted with each candidate.

Army ROTC (Military Science)
Chair: LTC Mario Johnson
Classroom II/ROTC Room 321; 407-823-2430; Fax: 407-823-5324
http://army.ucf.edu
Faculty/Staff: MAJ Barajas, MAJ Beam, CPT Lehman, SFC Reyes, SFC Martinez, MSG McSwain, Mr. Morales, Ms. Brown, Ms. David, Mr. Leonard, Ms. McBride, Office Manager

The University of Central Florida, in cooperation with the US Army, provides students an opportunity to earn a commission as a Second Lieutenant after graduation and compete for an active duty assignment or accept a guaranteed Army Reserve or National Guard position. The program offers both a four-year and two-year option for students working on their Baccalaureate or Graduate degrees. Program now offers 4, 3, and 2 year scholarship options. The four-year option requires completion of one military science course and a leadership laboratory that must be taken in conjunction with the academic class every semester. The two-year option allows students with at least two academic years remaining to complete their degrees to meet all requirements for commissioning by receiving placement credit for the first two years (Basic Course) and completing the last two years (Advanced Course). Students may be eligible for the Army’s Simultaneous Membership Program (SMP) which combines Reserve Forces Duty with Army ROTC officer training courses on campus. Note: The Army retains sole discretion - in accordance with public law and military regulation - regarding whether or not any applicant is qualified for pre-commissioning education through Army ROTC. More information on the AROTC program can be found on the AROTC Department home page: http://army.ucf.edu.

Curriculum
The Military Science curriculum is designed to develop students’ leadership potential and improve students’ planning, organizational, and managerial skills. The on-campus curriculum is divided into two phases: Basic Military Science Course and Advanced Military Science Course.

1. Basic Military Science
   A. The Basic Military Science Course consists of four semesters of classroom instruction of one hour each week and a two hours leadership lab. Students incur no military commitment by participating in the Basic Course, unless they qualify and choose to contract as a scholarship or non-scholarship student. These courses address military organizations, equipment, weapons, map reading, land navigation, management skills, grade structure, communications and leadership. There are non-contractual obligations or commitments for students in the Basic course phase. The Basic Course phase offers students the opportunity to see what Army ROTC is all about (MSL 1001C, MSL 1002C, MSL 2101C, MSL 2102C). Students will also participate in a Field Training Exercise (FTX). These general elective courses are normally taken during the freshman and sophomore years and fulfill pre-requisite requirements for entering the Advanced Military Science phase.
   B. Requisites for admission to the Basic Course:
      ▪ Enrollment in a Baccalaureate or Master’s degree program
      ▪ Full-time student status

2. Advanced Military Science
   A. The Advanced Military Science courses (MSL 31201C, MSL 3201C, MSL 3202C, MSL 4301C, MSL 4302C) consists of four semesters of classroom instruction of two hours each week and a two hour leadership lab that are taken during the junior and senior years. These courses specialize in small unit tactics, how to prepare and conduct military training, military justice system, staff procedures, decision making and leadership. Students desiring to enroll in the Advanced Military Science courses must be willing to pursue a commission as a Second Lieutenant and must meet pre-requisite requirements to contract and must obtain permission from the department chair (Professor of Military Science) through an interview process, prior to participating in the advanced course. They must also successfully complete a 32-day Cadet Leaders Course at Fort Knox, Kentucky, normally between their junior and senior years.
   B. Requisites for Admission to the Advanced Course:
      ▪ Successful completion of Basic Course or placement credit.
      ▪ Must be at least 17 years of age at the time of entry but not more than 31 years of age at the time of commissioning (31-year age regulation may be waived for veterans up to age 34).
      ▪ Successful completion of an Army physical examination.
      ▪ Agreement to complete the Advanced Course requirements and serve on either Active, Reserve, or National Guard duty as a commissioned officer.
      ▪ Full-time undergraduate student status (minimum of 12 hours); full-time graduate student status (minimum six hours).
      ▪ US Citizen.
      ▪ A minimum cumulative GPA of 2.0 is required to contract non-scholarship cadets, and a minimum cumulative GPA of 2.5 is required for scholarship consideration.

3. Monetary Allowance
   All contracted and scholarship students enrolled in the Basic and Advanced Military Science Courses receive a tax-free monthly stipend of $300 during the freshman year, $350 during the sophomore year, $450 during the Junior year and $500 during the Senior school year.

4. Scholarships
   Four, three and two-year scholarships are available for all students who qualify on a competitive basis. These scholarships provide full tuition or room and board not to exceed $10,000 and $1,200 annually for books and fees. In addition, all contracted scholarship students also receive the monthly stipend during the school year. Contact the Enrollment Officer for additional information at 407-823-5383.

5. Placement Credit
   Placement credit for the Basic Course can be offered to students with prior service, 3 years of Junior ROTC, and completion of the Leaders Training Course (see below). Placement credit for prior service is extended to include Active duty, Reserve Forces and National Guard. Although prior service and Junior ROTC waives the Basic Course, a student that qualifies for placement credit may elect to enroll in the Basic Course.

6. Daytona Beach Campus Students
   These students should contact the Professor of Military Science at Embry-Riddle Aeronautical University, Daytona Beach, Florida, 904-239-4689. Students will participate in a Field Training Exercise (FTX) and will commission, if qualified, with Embry-Riddle.

Summer Training Courses
1. Basic Course Summer Training (Cadet Initial Entry Training)
   Under the two year option a student can earn placement credit for the Basic Course by attending a 31-day course at Fort Knox, Kentucky. Students attending the summer course receive approximately $600.00 pay. Additionally, all lodging, meals and transportation are furnished. Uniforms will be provided at no expense to the student.

2. Specialized Summer Training Courses
   Qualified students can be selected to attend specialized military training occurring the summer months. These areas of training include:
   a) Airborne Training; b) Air Assault Training; c) Northern Warfare Training; d) Cadet Troop Leadership Training; and e) Mountain Training

3. Cadet Leaders Course (CLC)
   All Advanced Course students must attend and successfully pass a five week camp conducted at Fort Knox, Kentucky, prior to receiving a commission as an Army Officer. This camp evaluates a student’s leadership performance and potential. CLC waives the 9 hour summer school requirement for Army ROTC Cadets. Students normally attend CLC the summer following their junior year and receive approximately $800 pay for the training.

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Engineering and Computer Science are located at: http://oeas.ucf.edu/alcalc_students_coecs.htm
The College of Health and Public Affairs houses seven departments and schools: the School of Social Work, the School of Public Administration, and the departments of Communication Sciences and Disorders, Criminal Justice, Legal Studies, Health Professions, and Health Management and Informatics.

The College fosters excellence in undergraduate and graduate education, research and community service in health, social services and justice and offers an interdisciplinary Ph.D. program in Public Affairs.

**General Requirements for the Bachelor's Degree**
Some programs in the College are limited access or restricted. Acceptance by or registration at the University does not constitute admission to the following: School of Social Work, and the programs in Athletic Training and Health Informatics and Information Management. Separate application must be made to the appropriate program. Additional information regarding prerequisites and admission requirements may be found in this catalog.

---

**Academic Advisement**

**Undergraduate Student Services**

*Director: Mariangelly Rente*
HPA2 115, 407-823-0010
Email: hpainfo@ucf.edu

The College of Health and Public Affairs Undergraduate Student Services assists undergraduate students in understanding college and university requirements and procedures as well as coordinating orientation, registration and graduation certification. Students interested in pursuing limited access programs are encouraged to meet with advisors in the college to stay on track by taking the appropriate prerequisite requirements. Advisors are available through the Outreach Program for students on probation or for those who are having academic difficulty. Questions concerning university and college academic policies should be directed through this office.

**Programs and Degrees**

<table>
<thead>
<tr>
<th>Major</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletic Training</td>
<td>BS</td>
</tr>
<tr>
<td>Communication Sciences and Disorders</td>
<td>BA, BS, MA</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>BA, BS, MS</td>
</tr>
<tr>
<td>Health Informatics and Information Management</td>
<td>BS</td>
</tr>
<tr>
<td>Health Care Informatics</td>
<td>MS</td>
</tr>
<tr>
<td>Health Sciences - Pre-Clinical Track</td>
<td>BS</td>
</tr>
<tr>
<td>Health Services Administration</td>
<td>BS, MS</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>BA, BS</td>
</tr>
<tr>
<td>Nonprofit Management</td>
<td>MNM</td>
</tr>
<tr>
<td>Public Administration</td>
<td>BA, BS, MPA</td>
</tr>
<tr>
<td>Public Affairs</td>
<td>PhD</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>DPT</td>
</tr>
<tr>
<td>Research Administration</td>
<td>MRA</td>
</tr>
<tr>
<td>Social Work</td>
<td>BSW, MSW</td>
</tr>
<tr>
<td>Urban and Regional Planning</td>
<td>MSURP</td>
</tr>
</tbody>
</table>

---

**College of Health and Public Affairs**

*Dean: Michael L. Frumkin*
HPA1 365, 407-823-0171
http://www.cohta.ucf.edu

*Associate Dean, Academic Affairs and Technology: Ross Wolf*
HPA1 365; 407-823-0171

*Associate Dean, Administration and Faculty Affairs: Dawn Oetjen*
HPA1 365, 407-823-0171

*Associate Dean, Research: Thomas Wan*
HPA 219; 407-823-0171

*Associate Dean, Student/Personnel Affairs: Melvin Rogers*
HPA 365; 407-823-0171

---

**UNIVERSITY OF CENTRAL FLORIDA**

101 Undergraduate Catalog 2014-2015
Department of Communication Sciences and Disorders  
Chair: Richard Zraick  
HPA 101, 407-823-4798  
http://www.cohpa.ucf.edu/comdis  
Clinic Director: Debra Knox  
Research Pavilion Suite 155, 407-882-0468  
The discipline of communication sciences and disorders involves the prevention, evaluation, management, and study of human communication and its disorders. The undergraduate program is pre-professional in nature and reflects the scientific foundations of the discipline. The three primary goals of the undergraduate program are: 1) to provide students with the necessary preparation for graduate study in speech-language pathology, audiology, or related fields such as special education, social work, and health services administration; 2) to provide the necessary background for those who seek careers in health and human services; and 3) to allow those who graduate with a Bachelor's degree required coursework to obtain licensure and employment as speech-language pathologists or audiologists.  
The graduate program prepares speech-language pathologists for work with children and adults experiencing a variety of communication disorders in schools, hospitals, rehabilitation centers, community speech, language and hearing centers, and physician's offices. The graduate program has been accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association since 1986. Students must plan their major or minor in consultation with a departmental advisor to meet their individual interests and career objectives.  

In addition to course work in communication sciences and disorders, the department offers an course in American Sign Language and related topics.  
Degrees: Communication Sciences and Disorders (BA, BS, MA)  
PhD in Education, Communication Sciences and Disorders Track  
Tracks: None  
Minors: Communication Sciences and Disorders  
Certificates: Language Development and Disorders  

Department of Criminal Justice  
Interim Chair: Roberto Potter  
HPA 311 407-823-2603  
The Department of Criminal Justice houses the undergraduate degree program in Criminal Justice. Criminal Justice is a problem-based field of study that focuses on the nature of crime control agencies in a democratic society. The curriculum reflects the dynamic nature of the field and prepares students for challenging careers in public service and private sector organizations. The Criminal Justice Department offers diverse courses and internships, leading to careers in the field, or preparation for graduate study. The department supports Lambda Alpha Epsilon, the professional Criminal Justice fraternity, and Alpha Phi Sigma, the Criminal Justice Honor society.  

Degrees: Criminal Justice (BA, BS, MS)  
Tracks: Scholars Track  
Minors: Criminal Justice  

Department of Health Management and Informatics  
Interim Chair: Reid Oetjen  
HPA 210; 407-823-2359  
The Department of Health Management and Informatics in the College of Health and Public Affairs at the University of Central Florida is a global leader in the areas of health administration and informatics and is devoted to being the premier provider of: globally focused faculty research; quality education; and community commitment; all of which are enhanced by the diversity of its faculty, staff and students. In order to realize this mission, this department offers two undergraduate degree programs in Health Services Administration and Health Informatics and Information Management. Each program is designed to provide students with the skills and knowledge necessary to become a leader in the field of health care management.  

Program in Health Services Administration  
The Bachelor of Science in Health Services Administration program is an upper-division professional curriculum that focuses on the managerial side of the health care industry. The program curriculum is designed to provide students with the necessary industry knowledge and job skills needed by entry-level managers in a variety of health care organizations. Program graduates are prepared for entry-level management positions in all types of health care organizations, including hospitals, ambulatory care centers, medical group practices, long-term care facilities, and home health care agencies. This program will also prepare students for study in advanced degrees in Health Services Administration or related disciplines.  
The program attracts a diverse student population interested in health care management. Students without a background in the health care industry are attracted to this major and are able to build a foundation in health services administration in order to enter the industry. Some students who enter the program have clinical work experience such as respiratory therapists, emergency medical technicians, radiographers and medical laboratory technologists. While this program offers two undergraduate degree programs in Health Services Administration and Health Informatics and Information Management, each program is fully certiﬁed by AUPHA-The Association of University Programs in Health Administration.  

Program in Health Informatics and Information Management  
Health information managers are professional members of the modern health care team responsible for: 1) the acquisition and supervision of complete medical records on each patient, 2) the design and management of health information systems which collect, process, store, retrieve, and release health information and statistics, 3) assistance to administration, other health professionals, and medical staff in developing quality assurance programs by abstraction of medical data, preparation of statistical reports, and analysis of information, and 4) assistance in collection and analysis of data for public health services planning.  
The curriculum of the Health Informatics and Information Management program is approved by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The HIM Program is a limited access program and requires a separate application to the program by March 1 for August admission and October 1 for January admission. Graduates of the Health Informatics and Information Management program are eligible to take the AHIMA Registered Health Information Administration Certification examination. Upon successfully passing the examination, the graduate will be recognized as a Registered Health Information Administrator (RHIA).
The Department of Health Professions offers a doctoral program in Physical Therapy, a baccalaureate program in Athletic Training and a baccalaureate program in Health Sciences - Pre-Clinical Track.

Program in Athletic Training
This is a competitive program that requires a separate application process following acceptance into the University. The program in athletic training at the University of Central Florida is a six semester program where students complete full-time coursework while engaged in clinical affiliations. The core of athletic training coursework emphasizes the competencies and proficiencies necessary for successful clinical practice in a variety of settings in which certified athletic trainers are presently employed. A significant and important aspect of the educational process is the series of clinical experiences that occur in a variety of settings under the direction of a preceptor. These local affiliations are not limited to, high schools, colleges, universities, rehabilitation clinics, and professional athletic organizations. Upon successful completion of the course of study, the graduate with a Bachelor of Science degree in Athletic Training is eligible to apply to take the Board of Certification (BOC) Exam. By successfully passing the exam, the graduate will be recognized as a certified athletic trainer (ATC). The Program in Athletic Training is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

Degrees: Athletic Training (BS)
Tracks: None
Minors: None

Program in Health Sciences-Pre-Clinical Track
The Bachelor of Science degree in Health Sciences Pre-Clinical Track is designed for students with interest in human health leading to graduate study or career advancement. This degree is designed to provide students with a solid educational background in basic and health-related sciences, while providing the foundation courses required for admission to graduate level clinical programs in health professions including, but not limited to: medicine, pharmacy, physical therapy, physician assistant, and occupational therapy. The flexibility of this program allows students to prepare for multiple careers in health sciences. Students in this major are required to have an overall GPA of 2.5 or better upon graduation. Although a minimum overall GPA of 2.5 is required for the program, students should plan to maintain a higher GPA to be competitive for graduate programs in health professions. Most graduate programs such as medicine, physical therapy, and physician assistant, require a GPA of at least 3.0.

Degrees: Health Sciences (BS)
Tracks: Pre-Clinical
Minors: Health Sciences

Department of Legal Studies
Chair: James Beckman
HPA1 343; 407-823-1670

Faculty: Bast, Beckman, Consalo, Cook, Cronon, Fromang, Koblasz, Meltzer, Milton, Pons, Schmidt, Scott, Slaughter, Wood

The Legal Studies Program provides students with a broad understanding of basic principles of law and the role and function of the legal system. The Legal Studies program, in addition to preparing students for law-related careers, provides a foundation for law school or other graduate education. All of the full time Legal Studies faculty are attorneys who are graduates of ABA approved law schools and are available for law school advising. Satisfactory completion of program requirements leads to the degree of Bachelor of Arts or Bachelor of Sciences in Legal Studies. The department houses Phi Alpha Delta (the Legal Studies professional society), the UCF Mock Trial Team and the UCF Moot Court teams.

Degrees: Legal Studies (BA, BS)
Minor: Legal Studies

School of Public Administration
Director: Mary Ann Feldheim
HPA2 238; 407-823-2604

Faculty: Abels, Blessett, Bryer, Colby, Feldheim, Fisher, Hawkins, Hu, Jurie, Kapucu, Knox, Korosec, Krick, Lawther, Littleton, Liou, Norris-Tirrell, Rogers, Smith

The School of Public Administration offers a variety of degrees, minors and a certificate providing students with a broad understanding of public and nonprofit management, urban and regional planning, emergency management and homeland security. The public sector is vast and includes over 20 million employees, and the nonprofit sector has expanded to nearly half that number as governments transition the provision of services through nonprofit organizations. The School prepares students for professional careers in public service at the city, county, state and federal levels, as well as in nonprofit organizations. Currently the public sector in the United States includes over 87,000 governments, of which the federal government is but one. The Bachelor of Arts or Science degree in Public Administration enables students to attain entry level positions in government and other nonprofit organizations. Those seeking senior management and executive positions are strongly encouraged to pursue the Master’s of Public Administration (MPA), the Master’s of Nonprofit Management (MNM), the Master’s of Science in Urban and Regional Planning (MSURP), or the Master’s of Research Administration (MRA). Students with interests that go beyond the Masters level may also pursue a Ph.D. in Public Affairs.

Degrees: Public Administration (BA, BS, MPA), Nonprofit Management (MNM), Research Administration (MRA), Urban and Regional Planning (MSURP)
Tracks: None
Minors: Public Administration, Urban and Regional Planning, Emergency Management and Homeland Security, Nonprofit Minor leading to National Certification by the Nonprofit Leadership Alliance
Certificates: Nonprofit Management

School of Social Work
Director: Bonnie Yegidis
HPA1 204; 407-823-2114

Faculty: Burg, Dziegielewski, Gammonley, Jacinto Hall, Kohn, Lawrence, Leon, Mann, Mazany, Molina, Ramos, Salgado, Steen, Walsh, Withers, Yegidis

The School of Social Work BSW Program (undergraduate social work program) prepares baccalaureate level students for entry level positions within diverse human service organizations. Today social workers are continuing their efforts in healthcare facilities, mental health centers, schools, substance abuse programs, neighborhood centers, nursing homes, homeless shelters, hospice programs, and many other settings. Social workers work with people from all backgrounds in many settings under the direction of a preceptor. These local affiliations are not limited to, high schools, colleges, universities, rehabilitation clinics, and professional athletic organizations.

The curriculum, nationally accredited by the Council on Social Work Education, aims to graduate social work generalists who can teach people how to create their own path and enhance their quality of life. Graduates will assist people in changing patterns of behavior, poverty, abuse, and oppression and help them to develop effective coping skills for life’s challenges. The Social Work Program is a limited access program that requires a separate application to the School of Social Work.

If a student wishes to pursue their academic endeavors further, the School of Social Work also offers a Master’s in Social Work.

Degrees: Social Work (BSW, MSW)
Tracks: None
Minors: Aging Studies
Certificates: Aging Studies, Children’s Services

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Health and Public Affairs are located at: http://oeas.ucf.edu/alc/alc_students_cohpa.htm
College of Medicine

Vice-President for Medical Affairs and Dean: Deborah C. German
6850 Lake Nona Blvd., Suite 313, Orlando, FL 32827-7408
407-266-1000
http://www.med.ucf.edu

Associate Dean for Faculty and Academic Affairs and Interim Director, Burnett School of Biomedical Sciences: Richard Peppler
COM 313J; 407-266-1101

Interim Associate Dean for Research (Burnett School of Biomedical Sciences): Sampath Parthasarathy
BBS 101G; 407-266-7119

The UCF College of Medicine through its Burnett School of Biomedical Sciences (BSBS) offers the second largest undergraduate program in the university, B.S. in Biomedical Sciences, that meets the admission requirements for medical and other health professional school programs. The Burnett school is an integral part of the College of Medicine, making it a research-intensive medical school where cutting-edge medical research spans the entire spectrum from laboratory bench to bedside. BSBS is home to quality programs in the biomedical sciences as well as vigorous research programs focused on cancer, cardiovascular, neurological, and infectious diseases. The UCF College of Medicine is a forward-looking medical school with a culture based on partnerships and collaboration. The college’s biomedical and biomedical programs capitalize on UCF’s existing strengths in biological sciences, modeling and simulation, engineering, optics and photonics, psychology, chemistry, film and digital media, business, and nursing.

The mission of the Burnett School of Biomedical Sciences is to provide quality undergraduate and graduate programs in the biomedical sciences and build vigorous research programs. In addition to conducting cutting-edge research in biomedicine with potential application to curing major diseases, BSBS is committed to helping develop a technology-based industry in Florida. Active partnerships formed with other units such as the College of Optics and Photonics, the School of Electrical Engineering and Computer Science and the Nanoscience Technology Center will facilitate interdisciplinary research and education programs in the innovative application of photonics, bioinformatics and nanoscience to biomedical problems.

The Burnett school is educating over 2,900 undergraduate majors in the biomedical sciences including Biomedical Sciences (also including Biomedical Sciences Pre-professional concentration), Biotechnology, and Medical Laboratory Sciences. The Biomedical Sciences BS also offers two tracks within the major: Molecular Microbiology and Molecular and Cellular Biology. BSBS also offers master’s degrees in Biomedical Sciences and in Biotechnology, as well as an interdisciplinary doctoral degree in Biomedical Sciences. The current graduate enrollment is approximately 120 masters and doctoral students. The college also offers an M.D. program at the new facilities. The M.D. program enrolled its first class in August 2009 and will annually increase the number of admitted students to a level that will produce 120 medical graduates each year. The current enrollment is approximately 480 M.D. students.

In addition to multiple facilities on the main Orlando campus, the college has new facilities that are an integral part of the growing medical city at Lake Nona. The UCF Health Sciences Campus at Lake Nona includes the new 170,000-square-foot medical education building and the 198,000-square-foot Burnett Biomedical Sciences building. The M.D. program is offered in the medical education building, which features the latest in lab and classroom technology. The state-of-the-art research laboratories in the Burnett Biomedical Sciences building provide expanded research opportunities for undergraduate and graduate students. Advising for undergraduate programs is located in HPA II room 335.

Programs and Degrees

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Sciences</td>
<td>B.S., M.S., Ph.D., Minor</td>
</tr>
<tr>
<td>Biomedical Sciences (Pre-professional Concentration)</td>
<td>B.S.</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>B.S., M.S., M.S./M.B.A.</td>
</tr>
<tr>
<td>Medical Laboratory Sciences</td>
<td>B.S.</td>
</tr>
<tr>
<td>Medicine</td>
<td>M.D.</td>
</tr>
</tbody>
</table>

College of Medicine Mission, Vision and Goals

Mission
The University of Central Florida College of Medicine educates and inspires individuals to be exemplary physicians and scientists, leaders in medicine, scholars in discovery, and adopters of innovative technology to improve the health and well-being of all. Our patient-centered mission is achieved by outstanding medical care and services, groundbreaking research, and leading edge medical and biomedical education in an environment enriched by diversity.
**Vision**
The University of Central Florida College of Medicine will be the nation’s premier 21st century college of medicine—a national leader in education, research, and patient care, recognized for supporting and empowering its students and faculty to realize their passion for discovery, healing, health, and life, and for its ability to create partnerships to transform medical education and health care.

**Goals**
- Achieve excellence in medical and biomedical education
- Excel in research and discovery in biomedical science, medical education, and health care
- Provide outstanding individualized patient care while transforming health care delivery
- Be America’s leading partnership college of medicine
- Establish a diversified self-sustaining infrastructure to support future operations

**Burnett School of Biomedical Sciences**

**Associate Dean for Faculty and Academic Affairs and Interim Director, Burnett School of Biomedical Sciences:** Richard Peppler

**COM 313J:** 407-266-1101

**Associate Director of Academic Affairs (Burnett School of Biomedical Sciences):** Roseann White

HPA2 335J; 407-823-2914

**Associate Director of Facilities (Burnett School of Biomedical Sciences):** Robert Genarro

HPA2 338; 407-823-4866

**Associate Director of Research (Burnett School of Biomedical Sciences):** Sampath Parthasarathy

BBS 101G; 407-266-7119

The Burnett School of Biomedical Sciences in the College of Medicine offers bachelor degrees in Biomedical Sciences (including the Biomedical Sciences, Pre-professional Concentration) and Biotechnology that prepare students for admission to health professional or graduate programs. The B.S. in Medical Laboratory Sciences provides training for students to work in clinical or hospital laboratories. BSBS also offers M.S. programs in Biomedical Sciences, and Biotechnology. Also, it offers an interdisciplinary Ph.D. program in Biomedical Sciences. At this time, the Burnett School has over 2,550 undergraduate students and approximately 120 graduate students. The Burnett School of Biomedical Sciences houses the Department of Molecular Biology and Microbiology, the Office of Student Services and Advisement, and the Biomedical Science Center.

**Program in Biomedical Sciences**

**Undergraduate Coordinator:** Dorilyn Hitchcock

HPA2 339; 407-823-5220

**Graduate Coordinator (M.S. program):** Saleh Naser

BMS 221; 407-823-0955

**Graduate Coordinator (Ph.D. Program):** Annette Khaled

BBS 355; 407-266-7035

**Associate Graduate Coordinator (Ph.D. Program):** Alexander Cole

BMS 236; 407-823-3633

The core curriculum in the baccalaureate program, with its broad and thorough background in the physical, computational, and life sciences, provides a solid foundation in concepts and applications of modern biology to contemporary and future problems. The Restricted Electives component of the baccalaureate program allows each student to enhance his/her academic preparation in areas of morphological, clinical, analytical or investigative applications. Two new tracks were initiated this year for the Biomedical Sciences B.S.: Molecular Microbiology and Molecular and Cellular Biology. Students are also encouraged to gain research experience and exposure to specialized topics not taught in formal courses through the directed research and independent study contracts with selected faculty. This thorough, but flexible, program provides an excellent preparation for industry, graduate education, and for the four-year health science professions (medicine, veterinary, pharmacy, podiatry, physician assistant, physical therapy, optometry, chiropractic and dentistry).

**Degrees:** Biomedical Sciences (B.S., M.S., Ph.D.)

Biomedical Sciences Pre-professional Concentration (B.S.)

**Tracks:** None

**Minors:** Biomedical Sciences

**Program in Biotechnology**

**Undergraduate Coordinator:** Dorilyn Hitchcock

HPA2 339; 407-823-5220

**Graduate Coordinator:** Saleh Naser

BMS 221; 407-823-0955

To meet the demand for highly trained scientists in the biotechnology workforce, the Burnett School of Biomedical Sciences now offers a Bachelor of Science degree in Biotechnology. This new degree program prepares students to function in the industrial biotechnology/biomedical environment, providing them with more “hands on” laboratory experiences and opportunities for research. These students will be provided an industrial perspective and an understanding of product development at the same time as they are trained in the molecular techniques required for such development.

**Degrees:** Biotechnology (B.S., M.S., M.S./M.B.A.)

**Tracks:** None

**Program in Medical Laboratory Sciences**

**Director:** Dorilyn Hitchcock

HPA2 339; 407-823-5220

Medical laboratory scientists are involved in medical diagnosis, patient treatment, health screening, laboratory management, research, and laboratory education. They use highly sophisticated analytical equipment for the examination of blood and body fluids.

The curriculum is designed to give students a thorough background in the physical and biological sciences; to develop the necessary laboratory skills and essential skills to assume leadership roles in management and education. It also prepares students in the development of a high level of proficiency in correlating clinical data.

The last two years of sequential courses constitute the upper division professional phase of the program. The Medical Laboratory Sciences class size to be selected is determined by the availability of space and equipment, as well as available spaces in the clinical facilities.

The Medical Laboratory Sciences program will be approved by the National Accrediting Agency for Clinical Laboratory Sciences and the Florida Board of Clinical Laboratory Personnel.

**Degrees:** Medical Laboratory Sciences (B.S.)

**Tracks:** None

**Minors:** None

**Office of Student Services and Advisement (OSSA)**

**Director:** Amanda Colee

HPA2 335A; 407-823-5932;

**Academic Advisor:** Cynthia Contreras

HPA2 336; 407-823-5787;

**Academic Advisor:** Ana Maria Schwindt

HPA2 337; 407-823-1259

Email: BSBSAdvising@ucf.edu

The Office of Student Services and Advisement (OSSA) is the primary office for undergraduate academic advisement. The Burnett School of Biomedical Sciences, OSSA assists Biomedical Sciences, Biotechnology, and Medical Laboratory Sciences students in orientation, registration, university policies and procedures, major requirements, course substitutions, and graduation certification. Students interested in pursuing the Medical Laboratory Sciences limited access program, should meet with an advisor or the Program Director for more information.

**Program Academic Learning Compacts**

(undergraduate learning outcomes)

For undergraduate programs in the College of Medicine are located at: [http://oeas.ucf.edu/alc/alc_students_bcms.htm](http://oeas.ucf.edu/alc/alc_students_bcms.htm)
The College of Nursing is the 11th college to be established at the University. It was established as a Department of Nursing and graduated its first class in 1981. The college has achieved prominence as an innovator in nursing education, responding to a changing population with complex health care needs. The faculty of the college values access to education and embraces opportunities to utilize advanced technology, innovation and creativity to provide graduates with the highest quality education at the baccalaureate, master’s and doctoral levels.

Today’s challenging health care environment provides unique opportunities for nursing. Nurses are needed more than ever to provide evidence-based patient care, serve in leadership roles, teach, engage in research, and influence policy.

The mission of the College of Nursing is to offer high quality undergraduate and graduate academic programs designed to prepare nurses to practice in a continuously changing health care environment; to provide innovative access to education and research; to develop nurse clinicians, leaders and scholars who promote the health of diverse populations in local, national and global communities; and to touch lives lead by example and make a difference through clinical excellence, research and community service.

The College of Nursing offers a Bachelor of Science in Nursing (BSN) degree, the basis for professional nursing practice. The program has three tracks: basic, accelerated and RN to BSN. The basic and accelerated tracks prepare students for initial licensure as a registered nurse. The basic program is also offered at the Cocoa and Daytona regional campus sites. Students with a prior baccalaureate degree are eligible for the Accelerated Second Degree BSN option. The BSN graduate is prepared to provide comprehensive care in a variety of acute, community, and rehabilitative settings. The program emphasizes clinical nursing practice, health promotion and maintenance, and preparation for assuming leadership roles. The baccalaureate curriculum provides the foundation for graduate study in nursing.

The RN to BSN track offers registered nurses with an associate degree or diploma in nursing an opportunity to earn a BSN. Each applicant is reviewed individually and guided to prevent repetition of previous coursework. Contact the College of Nursing for specifics on the RN to BSN program. Courses are offered in Orlando, Cocoa, Daytona Beach, Leesburg and Ocala campuses, as well as online.

The goal of the Master of Science in Nursing (MSN) degree is to prepare advanced practice nurses to assume leadership positions in a variety of healthcare settings. Program tracks include Clinical Nurse Leader, Nurse Educator, and Nursing Leadership and Management. Minimum hours for the degree are 36-49 hours of graduate work, depending on the major. An evidence-based scholarly project is required. Students must be a licensed Registered Nurse to enter this program. A certificate in Nursing Education is available for students with a bachelor’s degree in nursing or a related health field.

The Doctor of Philosophy in Nursing (PhD) program prepares nurse scientists to assume positions as nursing faculty, leaders in the application of innovative technologies to nursing education and clinical care, executive leaders in health care systems and scientists who contribute to the body of nursing knowledge through research.

The Doctor of Nursing Practice (DNP) prepares nurse clinicians and nurse practitioners for leadership roles in specialized areas of advanced practice nursing. This program prepares nurses at the highest level of practice for the current health care environment based on a strong scientific foundation for practice; flexibility and emphasis on evidence-based practice, leadership, and organizational analysis; and analysis of practice including completion of a residency project during the capstone clinical residency year.

The College of Nursing BSN, MSN, and DNP, programs are accredited by The Commission on Collegiate Nursing Education (CCNE). The BSN Program is approved by the Florida Board of Nursing. All programs are limited access and require a separate application to the College of Nursing.

**Degrees:** Nursing (BSN) (MSN) (PhD) (DNP)

**Tracks:** RN to BSN, Basic BSN, Accelerated BSN, ASN to BSN, Concurrent, AS to BSN, RN to MSN

**Minors:** None

---

### General Requirements for the Bachelor’s Degree

- Programs in the College of Nursing are upper division, limited access programs.
- Acceptance by or registration at the university does not constitute admission to the College of Nursing.
- Application must be made to the appropriate program in Nursing.

Additional information regarding prerequisites and minimum grade point averages may be obtained from the college website: [http://www.nursing.ucf.edu](http://www.nursing.ucf.edu)

### Academic Advisement

**Office of Undergraduate Student Services**

UTWR 3rd floor; 407-823-2744

Email: ucfnurse@ucf.edu

[http://www.nursing.ucf.edu](http://www.nursing.ucf.edu)

The College of Nursing Office of Undergraduate Student Services assists students in understanding matters relating to college and university requirements and procedures, as well as coordinating orientation, registration and graduation certification. Students interested in pursuing limited access programs are encouraged to meet with advisors in the college to take the appropriate prerequisite requirements. Advisors are available through the Outreach Program for students on probation or for those having academic difficulty. Questions concerning university and college academic policies should be directed through this office.

### Programs and Degrees

#### Major Degree

- Nursing BSN, MSN, PhD, DNP

**Program Academic Learning Compacts (student learning outcomes)** for undergraduate programs in the College of Nursing are located at: [http://oeas.ucf.edu/alc/alc_students_con.htm](http://oeas.ucf.edu/alc/alc_students_con.htm)
CREOL, The College of Optics and Photonics

Dean and Director: Bahaa Saleh
CROL 206; 407-823-6800
Email: info@creol.ucf.edu
http://www.creol.ucf.edu

Associate Dean for Academic Affairs: David J. Hagan
CROL 209; 407-823-6817

Associate Director, Academic Affairs: Mike McKee
CROL 108B; 407-823-6376; undergrad@creol.ucf.edu

Faculty: Abouraddy, Amezcua-Correa, Bass, Baudelet, Cerqua-Richardson, Chang, Christodoulides, Delfyett, Deppe, Dogaru, Fathpour, Glebov, Gaume, Hagan, Kar, Khajavikhan, Kik, Kuebler, Li, LiKamWa, Moharam, Richardson, Saleh, Schoenfeld, Schulzgen, Shah, Silfvast, Soileau, Stegeman, Van Stryland, Vodapyanov, Wu, Zeldovich

Undergraduate Degree
Photonic Science and Engineering — BSPSE

College Vision
Be the nation’s leader in education, research, and scholarship in optical science and engineering (OS&E).

College Mission
CREOL, The College of Optics & Photonics is a world-renowned graduate college for optical science and engineering education and research. Its mission is to: Provide the highest quality education in optical science and engineering, support the educational needs of undergraduate and graduate students, serve the continuing educational needs of industry, and enhance optics and photonics education at all levels; Create and disseminate new knowledge and innovations in optics and photonics by conducting, presenting, and publishing cutting-edge fundamental and applied research; Aid in the development of the State of Florida and the nation’s knowledge-based and technology-based industries, and create, foster, and sustain mutually beneficial research collaborations and partnerships with industry.
Graduates will be well prepared for their role as photonic scientists and engineers in society, and to have an awareness of relevant ethical, environmental, and economic issues.
The College of Sciences, the largest academic unit at the university, educates and conducts research in physical, life, social, and behavioral sciences. The College houses the departments of Anthropology, Biology, Chemistry, Mathematics, Physics, Political Science, Psychology, Sociology, and Statistics; the Nicholson School of Communication; and the National Center for Forensic Science.

The College is responsible for programs in the behavioral and social sciences, the communication sciences, the analytic and computational sciences, and the physical and life sciences, and the departments collectively offer undergraduate baccalaureate degrees, minors, certificates, tracks, and pre-professional programs. For information concerning graduate programs, please refer to the Graduate Catalog: http://www.graduatecatalog.ucf.edu.

Undergraduates enrolled in the College must fulfill all University degree requirements, including those for general education, as well as the requirements of the degree program. To be certified for graduation, most programs require that a student achieve at least a “C” GPA (2.0) in the courses of his or her major and/or minor as defined by each department (see program specific requirements). Some departments also require a minimum grade in specified courses and/or in portions of the program of study. Consult the program requirements and a departmental advisor for specific policies. For programs with a foreign language graduation requirement, American Sign Language is not considered a foreign language and will not satisfy the requirement unless specifically permitted within the major (see “Foreign Language Requirements” under specific program requirements).

Preprofessional Programs

Prelaw Program

Prelaw Advisor: Roger Handberg
PH 302; 407-823-2608

There is no preferred major for those students interested in enrolling into a law program. Law schools accept superior students with a good liberal arts or science background, regardless of major field. The quality of undergraduate education for the legal profession, according to the Association of American Law Schools, is grounded in three basic skills and insights: comprehension and expression in words, critical understanding of the human institutions and values with which the law deals, and the creative power of thinking. Law schools require that applicants take the Law School Admission Test (LSAT). General information pertaining to programs of study, the LSAT, careers, and law schools can be obtained from the Pre-Law Advisor. Advisement within the major is provided by the department offering the major. Students are also encouraged to seek advisement from the university’s Office of Pre-Health and Pre-Law Advising.

Prehealth Professions

While there are specific courses that students need to master to enroll into a medical program, there is no one required major. The College of Sciences offers many of the courses that fulfill admission requirements for professional schools in the health sciences. Refer to the Biology Preprofessional Concentration for additional information. Students are also encouraged to seek advisement from the university’s Office of Pre-Health and Pre-Law Advising.

Advisement

College of Sciences, Academic Services (COSAS)

Director of Undergraduate Services: Lee Anne Kirkpatrick
CSB 250; 407-823-6131
Email: cosas@ucf.edu
http://www.cos.ucf.edu/cosas/

The College of Sciences Academic Services (COSAS) is the primary office for undergraduate academic advisement for the College of Sciences. COSAS students will have at least two primary advisors, one within COSAS and one within the department of their major. Second year students transitioning from the “First Year” advising offices should make an appointment with their COSAS advisor by the end of the fall term of their second year at UCF. At that appointment, students will also then be referred to an advisor within the department of their major. New transfer students within COS should meet with their COSAS advisor and their department advisor by the end of their first term at UCF. COSAS assists students with degree requirements, policies, and procedures as well as coordinates orientation, registration, reenrollment, and graduation. COSAS advisors also work with students at risk of, and currently on, academic probation as well as students with low major GPAs. Questions concerning University and College academic policies and requirements should be directed to COSAS. Questions concerning the specific requirements within a major or minor should be directed to the department offering the program. For additional information about COSAS, please visit our website.

Programs and Degrees

Title                      Degree
Actuarial Science          Minor
Advertising-Public Relations BA
Anthropology               BA, MA, Minor
Anthropology in Multicultural Studies Minor
Astronomy                 Minor
Behavioral Forensics       Undergraduate Certificate
Biography                 BS, MS, Minor
Biological Sciences        B.S.
Chemistry                 BS, MS, PhD, Minor
Chemistry-Biochemistry     BS Track
Clinical Psychology        MA
Communication              MA
Computer Forensics         Graduate Certificate
Conservation Biology       PSM, PhD, Graduate Certificate
Crime Scene Investigation   Undergraduate Certificate
Crime, Law, and Deviance   Minor
Diplomacy                 Minor, Undergraduate Certificate
Diversity & Social Inequality Minor
European Studies           Minor
Forensic Science           BS, MS
Global Peace & Security Studies Minor
Human Communication        BA, MS
Industrial/Organizational Psychology BS, Minor
International & Global Studies BA, Minor
Journalism                 BA
Journalism Studies         Minor
Magazine Journalism        Minor
Mass Communication         Minor
Mass Culture & Collective Behavior Minor
Mathematical Biology       Minor
Mathematics                BS, Graduate Certificate, MS, PhD, Minor
Maya Studies               Graduate Certificate
Medical Anthropology       Minor
Medical Sociology          Minor
Native American Studies    Undergraduate Certificate
North American Indian Studies Minor
Physics                   BS, MS, PhD, Minor
Political Science          BA, MA, Minor
Political Science-Pre Law  BA Track, Minor
Psychology                BS, MA, MS, PhD, Minor
Radio-Television           BA
SAS Data Mining            Graduate Certificate
Security Studies           PhD
Social Sciences            BS
Sociology                 BA, MA, PhD, Minor
Statistics                BS, MS, Minor
Departments, Schools, and Programs

Department of Anthropology

Chair: Arlen F. Chase
PH 309; 407-823-2227
Email: anthro@ucf.edu
http://anthropology.cos.ucf.edu/

Assistant Chair and Undergraduate Coordinator: John Schultz
Faculty: Barber, A. Chase, D. Chase, Dupras, Geiger, Groff, Howard, Long, Matejowicz, McIntyre, Mishal, Reyes-Foster, Schultz, Sinelli, Toyne, Walker, Wheeler, Professors Emeritus: Lieberman, Stearman, Wallace

The Department of Anthropology offers courses and programs that lead to: a Bachelor of Arts in Anthropology; a minor in anthropology in concentrations in general anthropology, archaeology, cultural anthropology, and physical anthropology; a minor in Anthropology in Multicultural Studies; a minor in Native American Indian Studies; a minor in Medical Anthropology, an undergraduate certificate in forensics; a graduate certificate in Maya Studies; and, a Master of Arts in Anthropology with focus areas in Cultural Competency, Archaeological Investigations in Forensics and Human Adaptations, and Maya Studies. The Undergraduate Anthropology Program prepares students for graduate training in Anthropology and provides them with the skills needed to apply the concepts, methods, and theories of Anthropology in the real world. Anthropology has four sub-disciplines, consisting of language and culture, cultural anthropology, physical anthropology, and archaeology. While undergraduate students are exposed to each of the sub-fields of Anthropology, the training for advanced work in each field differs. Thus, students should consult with their departmental advisor early in their academic careers.

Degrees: Anthropology (BA, MA)

Minors: Anthropology (concentrations in general, archaeology, cultural, or physical), Anthropology in Multicultural Studies, Medical Anthropology, North American Indian Studies

Certificates: Crime Scene Investigation (undergraduate), Native American Studies (undergraduate), Maya Studies (graduate)

Department of Biology

Interim Chair: Laurie von Kalm
BL 301; 407-823-1333
Email: biology@ucf.edu
http://biology.cos.ucf.edu/

Associate Chair: Eric Hoffman
Undergraduate Coordinator: Frank Logiudice
Faculty: Crampton, Diercksen, Donnelly, Fauth, Fedorka, Harris, Hinke, Hoffman, Jenkins, King, Klowden, Logiudice, Noss, Parkinson, Quintana-Ascencio, Song, Soltero, Souta, Stern, Thomas, Vajravelu, Von Holle, von Kalm, Walters, Weishampel, Worthy; Professors Emeritus: Erhrart, Ellis, Kuhn, Koenvenig, Osborne, Stenstrom, Stout, Sweet, Taylor

The Department of Biology offers a Bachelor of Science in Biology, a Minor in Biology, the Master of Science in Biology, a Professional Science Masters in Conservation Biology, a graduate Certificate in Conservation Biology, a Ph.D. in Conservation Biology, and participates in an interdisciplinary Ph.D. program in Biomolecular Sciences. The core undergraduate curriculum provides a background in the chemical, mathematical, and physical sciences, as well as broad preparation in the biological sciences. This diverse background provides flexible career opportunities for graduates, including science-related employment and professional or graduate schools. Selection of electives, in consultation with a faculty advisor, permits emphasis on a subspecialty. Careful selection of restricted and unrestricted electives allows students to satisfy requirements for admission to professional or graduate school while completing their B.S. degree in Biology. Research experience and exposure to specialized topics not taught through formal courses may be gained through independent study.

Degrees: Biology (BS, MS), Conservation Biology (PSM, PhD)

Concentration: Biology Pre-professional (BS)

Minors: Biology

Department of Chemistry

Chair: Kevin D. Belfield
PS 255; 407-823-2246
Email: chemstaff@ucf.edu
http://chemistry.cos.ucf.edu/

Associate Chair and Undergraduate Coordinator: Pedro Patino
Undergraduate Coordinator, Forensic Science: Gerald Mattson
Faculty: Ballantyne, Belfield, Blair, Campiglia, Chumbimuni-Torres, Clausen, Daoudi, Dixon, Elsheimer, Frazer, Harper, Hampton, Hernandez, Hickman, Igarashi, Kolpashchikov, Kuebler, Kujawa, Liao, Mattson, Miles, Miller, Patino, Rex, Richardson, Sigman, Ye, Yestykosky, Yuan, Zou

The Department of Chemistry offers courses and programs leading to a Bachelor of Science in Chemistry, Bachelor of Science in Forensic Science, minor in Chemistry, Master of Science in Forensic Science, and Ph. D. in Chemistry. The department also participates in the Ph.D. in Biomedical Science. The undergraduate degree program in chemistry is accredited by the American Chemical Society Committee on Professional Training. It prepares the graduates for career opportunities in the chemical or related industries, or in government laboratories. The program also prepares students for further study at the graduate level in chemistry or in a related area such as materials science, pharmacology, or toxicology. With an appropriate choice of electives it also constitutes excellent preparation for the professional schools of dentistry, medicine, pharmacy, and veterinary medicine.

Degrees: Chemistry (BS, MS, PhD), Forensic Science (BS, MS)

Tracks: Biochemistry (BS), Forensic Analysis (BS, MS), Forensic Biochemistry (BS, MS)

Minors: Chemistry

Nicholson School of Communication

Director: Robert C. Chandler
NSC 240; 407-823-2683
http://communication.cos.ucf.edu/

Assistant Director: Boyd Lindsley
NSC 240A; 407-823-6751

Nicholson Academic Student Services Center (NASSC)
NSC 143; 407-823-2681;
Email: nassc@ucf.edu


The Nicholson School of Communication provides communication studies with a balance of practical skills and theoretical aspects. The school prepares students to investigate, understand and effectively interact with other human communicative behaviors in both professional and personal contexts including those necessary for interpersonal relationships, conflict management, intercultural interaction, employment in business, sales, and NPOs, and as background for advanced study in graduate school.

The degrees are:
1. Advertising-Public Relations: Provides knowledge of theory, concepts, and practical skills in both advertising and public relations for professional careers.
2. Human Communication: Provides knowledge of theory, and skills needed to understand, successfully predict and effectively interact with other human communicative behaviors in both professional and personal contexts including those necessary for interpersonal relationships, conflict management, intercultural interaction, employment in business, sales, and NPOs, and as background for advanced study in graduate school.
3. Journalism: Provides knowledge of theory and skills needed for careers as a mobile and digital journalist (newspapers, magazines, broadcast, and online forms of mass communication).
4. Radio-Television: Provides knowledge of theory and skills needed for careers in the field broadly defined as radio-television, including content creation, media production, broadcast journalism, media management and programming/promotions in a broadcast, cable online or corporate environment.
The Nicholson School of Communication building (NSC) provides a superior teaching/learning facility, including multi-media instructional classrooms. The Radio-Television program has fully-equipped audio and video production facility, a complete multi-camera television studio, an online radio station and laboratories for interactive multimedia. The Journalism program has a computer writing and media lab. The Advertising-Public Relations program has a computer writing and media lab. The Human Communication program has a presentation speaking classroom equipped for audio/video record/playback and computerized visual presentation. The Human Communication program also has a small group and interpersonal research laboratory equipped with research equipment and audio/video record/playback tools.

**Degrees:** Advertising-Public Relations (BA), Communication (MA), Human Communication (BA), Journalism (BA), Radio-Television (BA)

**Specializations:** Broadcast Journalism, Production, Broadcast Generalist

**Minors:** Journalism Studies, Human Communication, Magazine Journalism, Mass Communication

### Department of Mathematics

**Chair:** Piotr Mikusinski  
MSB 209; 407-823-2826  
Email: math@ucf.edu  
http://math.cos.ucf.edu

**Associate Chair:** Joseph P. Brennan  
MSB 212; 407-823-2710

**Assistant Chair:** Tammy M. Muhs  
MSB 215A; 407-823-4424

**Undergraduate Coordinator:** Constance M. Schober  
MSB 312; 407-823-6284

**Faculty:** Bolano-Delahoz, Brennan, Cannon, Capursi, Carlson, Choudhury, Dunlop-Pyle, Dutkay, Griffiths, Han, Higgins, Islas, Katsevich, Kaup, Lee, Li, Martin, Michalak, Mikusinski, Mohapatra, Moore, Muhs, Nashed, Nevali, Pensky, Plemmons, Porchia, Qi, Reid, Richardson, Rollins, Ronkese, Schober, Shvamoggi, Shuai, Smith, Song, Sun, Swanson, Tamasan, Tovbis, Vajravelu, Yong, Young, Zhao

The Department of Mathematics offers courses and programs leading to a Bachelor of Science in Mathematics, a minor in Mathematics, a Graduate Certificate in Mathematics, a Master of Science in Mathematical Science and a Ph.D. in Mathematics. (See the Graduate Studies catalog for a description of the M.S. in Mathematical Science and the Ph.D. in Mathematics.) The programs in mathematics are designed to serve:

1. Students who desire to pursue careers in mathematics after having completed a baccalaureate degree;  
2. Students who desire to continue their education in graduate and professional schools; and  
3. Students who need to use mathematics as a tool in their specialty area.

In order to serve such a wide variety of students, the courses and programs in the Department of Mathematics have developed along several lines. The Department offers service courses in pre-calculus and calculus along with strong programs in the upper division in the areas of algebra and analysis as well as the areas of applied and computational mathematics.

The department does not award credit by examination for courses that are regularly taught. Students who have mastered the material in a given course are encouraged to take a more advanced class to fulfill their mathematics requirement. A limited number of student assistantships are available for qualified graduate students.

**Degrees:** Mathematics (BS, MS, PhD)  
**Certificate:** Mathematics (graduate)  
**Minors:** Mathematics, Mathematical Biology

### Department of Physics

**Chair:** Talat Rahman  
PS 430A; 407-823-5785  
Email: physics@ucf.edu  
http://physics.cos.ucf.edu/

**Associate Chair:** Joshua Colwell  
PS 434; 407-823-2012

**Undergraduate Coordinator:** Elena Filisiyan  
PS 436; 407-823-2325

**Faculty:** Alcantara Ortigosa, Al-Rawi, Bhattacharya, Bindell, Bradley, Britt, Brueckner, Campins, Chang, Chen, Chernyak, Chow, Colwell, Cooney, Del Barco, Daoudi, Dubey, Ethimiou, Fernandez, Filisiyan, Gonzalez Garcia, Harrington, Heinrich, Hong, Ishigami, Johnson, Kara, Khondaker, Klemm, Kokouline, Leuenberger, Luo, Martin, Montgomery, Muccio, Palotai, Peale, Rahman, Roldan-Cuenva, Saha, Schulte, Stolbov, Tatulian, Turkowski, Velissaris, Zhao, Zhmudsky; Faculty Emeritus: Bose, Brennan, Llewellyn; Distinguished Professor: Liboff

The Department of Physics offers a multi-track program of study leading to the B.S. degree, giving students the flexibility to choose a suitable set of courses to prepare for their career goals. A common core of courses in theoretical and experimental physics will lead to a broad understanding of the general principles of physics. The different tracks allow students to specialize, applying problem-solving techniques in a certain area of interest; this also enhances their qualifications for employment in that area after graduation.

After graduation our students are prepared to enter advanced study in physics, engineering, medicine, environmental sciences, astronomy, and other related disciplines. They are also prepared to begin careers in positions are varied as engineering physics, computational physics and physics education. Undergraduate physics majors benefit from small class sizes, and are encouraged to be involved in individually designed senior projects working with a faculty advisor.

The Department’s research programs include optics and lasers, condensed matter physics, complex systems, biophysics, atomic and molecular physics, nanostructures, and planetary science. The Department of Physics also offers a Master of Science degree and a Doctor of Philosophy degree.

**Degrees:** Physics (BS, MS, PhD)  
**Tracks:** General Physics (with specializations in Materials Physics, Optics & Lasers, Computational Physics, and Astronomy)

**Minors:** Astronomy, Physics

### Department of Political Science

**Chair:** Kerstin Hamann  
HPH 302; 407-823-2608  
Email: politics@ucf.edu  
http://politicsscience.cos.ucf.edu/

**Assistant Chair:** Barbara Kinsey  
PS 430A; 407-823-2608

**Undergraduate Coordinator:** Robert Bledsoe  
PH 302; 407-823-2608


The Department of Political Science seeks to:

1. Provide students with a broad background for careers in foreign and domestic public service and in the private sector where knowledge of government and politics is necessary;  
2. Prepare students to be able to provide a broad background in pre-law to facilitate their admission to law school;  
3. Prepare students for teaching, research, and graduate study; and  
4. Provide a broad background for careers in politics; and  
5. Educate citizens and promote their active interest in public affairs.

Students should plan their major or minor in consultation with their departmental advisor according to their interests and career objectives. Political Science courses are divided into three areas of specialization: American Politics and Policy; International Relations and Comparative Politics; and Political Theory. It is strongly recommended that majors planning to continue their education at the graduate level or to pursue a career in international fields acquire a working knowledge of a foreign language beyond that required for the B.A. The Department of Political Science participates in the following programs:
College of Sciences

- African American Studies: Contact Kurt Young.
- Asian Studies: Contact Houman Sadri or Myunghee Kim.
- Diplomacy: Contact Roger Handberg.
- Environmental Studies: Contact Dwight Kiel or Peter Jacques.
- European Studies: Contact Kerstin Hamann or Barbara Kinsey.
- Global Peace and Security Studies: Contact Paul Vasquez.
- International and Global Studies: Contact Waltraud Q. Morales or Paul Vasquez.
- Latin American and Iberian Studies: Contact Waltraud Q. Morales or Bruce Wilson.
- Middle Eastern Studies: Contact Houman Sadri.
- Space Studies: Contact Roger Handberg.
- Women’s Studies: Contact Terri S. Fine.

Degrees: Security Studies (PhD), Political Science (BA, MA), International and Global Studies (BA)
Tracks: Prelaw
Minors: Political Science, Political Science/Prelaw, Diplomacy, Global Peace and Security Studies, European Studies, International and Global Studies
Certificates: Diplomacy

Department of Psychology
Chair: Jeffrey Cassisi
PSY 301L; 407-823-2216
Email: psychinfo@ucf.edu
http://psychology.cos.ucf.edu/
Assoc. Chair: Bernard Jensen
Assistant Chair: Alisha Janowsky
Undergraduate Program Coordinator: Karen Cox

The undergraduate program of the Department of Psychology reflects the scientific nature of the field and has three primary goals. The first is to provide students graduating with a B.S. in psychology with knowledge of the basic theories and research in psychology. The second is to provide critical thinking, writing skills, and knowledge of research and statistical concepts so graduates can apply these concepts to their work, community, and lives. Finally, we prepare our graduating students with the skills necessary for success in graduate programs in psychology or related fields.

Degrees: Psychology (BS, MA, MS, PhD)
Minors: Psychology
Certificates: Behavioral Forensics

Department of Sociology
Chair: Jana Jasinski
PH 403B; 407-823-3744
Email: sociology@ucf.edu
http://sociology.cos.ucf.edu/
Undergraduate Program Coordinator: Lin Huff-Corzine
Faculty: Canan, J.S. Carter, S. Carter, Cook, Corzine, Donley, Ford, Gay, Grauerholz, Huff-Corzine, Jasinski, Koontz, Loree, Lynxwiler, Mustaine, Pritchard, Reckdenwald, Rivera, Sikorska-Simmons, Wright

Sociology includes the study of interpersonal interactions, groups, organizations, and societies through the application of theoretical approaches and the use of qualitative and quantitative methods. Students will be better prepared for careers in any field by being trained in critical thinking and analytical skills, and by being familiar with theoretical and methodological tools for the study of peoples, groups, and organizations. To this end, we provide state-of-the-art training in an array of courses.

Sociology majors master skills in quantitative and qualitative research methods, communication, and analytical thinking as well as acquiring written and oral presentational skills. These are among the top 10 abilities for which today’s employers are looking and are also essential for success in graduate and professional programs. Sociology courses are directly relevant to many contemporary issues, including murder and violent crime, domestic violence, global warming, alcohol and drug abuse, popular culture, healthcare, and changes in the family.

The department offers groups of courses in several areas, including social institutions, the environment, crime and deviance, popular culture, family, and diversity and social inequalities. As such, the B.A. in Sociology provides excellent grounding for a wide range of careers such as teaching, public administration, metropolitan planning, behavioral analysis, legal/court case assessment, law enforcement, marketing research, advertising, public relations, human resources, child welfare officer, victim advocate, convention/events organizer, environmental/social activist, social assistance specialist, information management specialist, and research analyst.

For more information about our nationally acclaimed yet personable faculty and our relevant, flexible major, go to http://sociology.ucf.edu.

Degrees: Sociology (BA, MA, PhD), Social Sciences (BS)
Tracks: Domestic Violence (MA)
Minors: Crime, Law & Deviance, Diversity & Social Inequality, Mass Culture & Collective Behavior, Medical Sociology, Sociology

Department of Statistics
Chair: D. Nickerson
CCII 206; 407-823-5528
Email: stats@ucf.edu
http://statistics.cos.ucf.edu/
Assoc. Chair: James Schott
Undergraduate Program Coordinator: Nizam Uddin
Faculty: Inghram, Jasen, Johnson, Maboudou-Tchao, Ni, Nickerson, J. Schott, S. Schott, Uddin, Wang, Yan

The Department of Statistics offers courses and programs leading to a Bachelor of Science in Statistics, a minor in Statistics, a minor in Actuarial Sciences, and a Master of Science in Statistical Computing with a track in Data Mining. (See the Graduate Studies catalog for a description of the M.S. in Statistical Computing.)

The undergraduate program in statistics is designed to serve 1) students who desire to pursue careers in statistics after having completed a baccalaureate degree; 2) students who desire to continue their education in graduate or professional schools; and 3) students who use statistics as a tool in their specialty areas.

In order to serve such a wide variety of students, the courses and programs in the Department of Statistics have been developed along several lines. There are the usual service courses in elementary statistics along with strong programs in the upper division in statistical methods, statistical theory, and statistical computing. A limited number of assistantships are available for qualified graduate and undergraduate students.

Degrees: Statistics (BS, MS)
Tracks: Data Mining (MS)
Minors: Statistics, Actuarial Science

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Sciences are located at: http://www.oeas.ucf.edu/alc/alc_students_cosci.htm

UNIVERSITY OF CENTRAL FLORIDA
The Office of Undergraduate Studies supports the colleges and units in their curricular planning, collaborates with faculty curricular oversight, works with faculty and administrators to assure the strength of university wide programs such as general education, and advocates for an undergraduate education that offers an outstanding learning experience to UCF students. Interdisciplinary academic degrees such as the Bachelor of Applied Sciences, and the Bachelor of Sciences and Bachelor of Arts in Interdisciplinary Studies, are conferred from this office. Units within Undergraduate Studies include the Office of Academic Services, the Office of Experiential Learning, the Office of Undergraduate Research, the Office of Interdisciplinary Studies, the Office of Pre-Health and Pre-Law Advising, the EXCEL program, and Academic Advancement Programs. The Dean serves as the final arbitrator for all undergraduate academic appeals.

**Bachelor of Applied Science**  
*Interim Vice Provost and Dean: Elliot Vittes*  
MH 218; 407-823-2373  
http://regionalcampuses.ucf.edu/program/applied-science  

The Bachelor of Applied Science serves all Associate of Science (A.S.) graduates who desire a Bachelor of Science (B.S.) degree for career or personal advancement. The program builds upon the technical or professional skills acquired in the A.S. to develop competencies in management and communication, with emphasis on developing skills in critical thinking, problem solving and decision making. The curriculum consists of core courses in ethics, management and communication, and a concentration chosen by the student.

**Office of Experiential Learning**  
*Interim Director: Ulla Isaac*  
CSEL 300; 407-823-2667  
http://www.explearning.ucf.edu  

This office provides and supports co-op, internship and service-learning courses for students in all colleges through partnerships with college faculty and community partners locally, nationally and internationally. Experiential Learning faculty advise students, teach co-op and internship courses, and facilitate the development of quality internship and service-learning courses in colleges through faculty professional development and partnerships. They also develop and maintain productive relationships with employers, collect and distribute student learning outcome data from applied learning courses campus-wide, and compile engagement data across campus for institutional research and applications for national recognition. The primary goal is to ensure that students benefit academically by having access to and including experiential learning courses in their degree programs. These opportunities help students apply course content in real-world settings, reflect on their experiences, and gain relevant professional and academic skills needed to become capable members of the workforce and engaged citizens upon graduation.
Office of Undergraduate Studies

Academic Advancement Programs
Director: Michael Aldarondo-Jeffries
TC2 221; 407-823-1815
http://mcnair.ucf.edu

Academic Advancement Programs (AAP) prepares highly motivated underrepresented and first generation college students to pursue advanced degrees. AAP works in collaboration with faculty, staff, local and national partners to provide a range of graduate preparation programs and services. Students have the opportunity to participate in a variety of initiatives designed to increase their awareness and knowledge of the graduate and professional school application process, graduate school funding, summer research programs, and fellowship opportunities. Current programs include the McNair Scholars Program, the Research and Mentoring Program, and the Graduate School Prep Academy.

Office of Interdisciplinary Studies
Director: Michael Hampton
CL1 302; 407-823-0144
Email: is@ucf.edu
http://is.ucf.edu

Program Contact: Interdisciplinary Studies Advising Team
Academic Advisers: Jamie Bolar, Luisa Cintron, Cassandra Evertz, Peter Wallace

The Interdisciplinary Studies Program offers students the opportunity to pursue interdisciplinary studies through individually planned programs of study with professional advising and courses from across the university. The degree includes three different tracks from which to choose. There are also three minors and two certificate programs.

Degrees: Interdisciplinary Studies (BA, BS, MA, MS)
Tracks: Interdisciplinary Studies, Environmental Studies, Women’s Studies, Leadership Studies
Minors: Environmental Studies, World Comparative Studies, Cultural Tourism
Certificates: Leadership Studies, Cultural Tourism

Office of Pre-Health and Pre-Law Advising
Interim Director: Elliot Vittes
Associate Director: Erin Myszkowski
FC 203; 407-823-3033
http://oppa.ucf.edu

The Office of Pre-Health and Pre-Law Advising provides guidance and support to students interested in pursuing careers in the health and legal professions. The Office provides information about the field of law and a wide variety of health-related fields such as allopathic (M.D.), osteopathic (D.O.), and veterinary (D.V.M.) medicine, dentistry, pharmacy, optometry, podiatry, chiropactic, physician assistant, physical therapy, occupational therapy, and public health. These careers require academic study in professional school settings beyond the baccalaureate degree, and the Office assists “Pre-Professional” Students in any undergraduate major by offering academic advising, administrative support, and other activities related to preparing for and applying to professional schools. The Office’s primary goal is to enhance the likelihood of success for all Pre-Professional Students who seek acceptance into a professional school.

Office of Undergraduate Research
Director: Kimberly Schneider
TC2 209; 407-823-3125
http://our.ucf.edu

UCF offers numerous opportunities for undergraduates to pursue research in various disciplines with the guidance of a faculty mentor. This intensive research opportunity enhances the academic experience and challenges students to strengthen their critical thinking, analytical, and writing skills. The Office of Undergraduate Research strengthens and unifies the research and education missions of UCF. Examples of programs the office administers are: the undergraduate research showcase, the undergraduate research journal, a workshop series, and a student council.

EXCEL Program
Director: Melissa Dagley
HEC 358; 407-823-6230
http://excel.ucf.edu

The goal of the EXCEL program is to increase the success of students who pursue a degree in a STEM area (science, technology, engineering, and mathematics) at UCF. To attain this goal, the EXCEL program offers enhanced educational opportunities for its recruits, such as common EXCEL mathematics courses, the EXCEL Tutoring Center for math and science, designated graduate teaching assistant mentors to closely monitor student performance in EXCEL math classes, consistent advising by a dedicated EXCEL first year advisor and the STEM college advisors, paid sophomore research experiences, and many social activities that build strong bonds among EXCEL students. The purpose of these EXCEL activities is to create a learning community which connects students, staff, and faculty, with the goal of increasing the college success of every student participant in the program.

The Quality Enhancement Plan Office
Director: TBA
CL1 206; 407-823-1342
http://if.ucf.edu

The Quality Enhancement Plan (QEP) is a component of UCF’s accreditation with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and involves developing and executing an initiative that supports student learning in a well-defined and focused area. In 2006, UCF selected information fluency (IF) as its QEP topic. The Quality Enhancement Plan Office actively supports faculty development, funds curricular and co-curricular projects that promote information fluency, publishes the Journal of Information Fluency, and hosts the annual Information Fluency conference.

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs for Undergraduate Studies are located at: http://www.oeyes.ucf.edu/alc/alc_students_us.htm
and succeed in their careers. Students also have the opportunity to preparation and practical experiences that students need to enter managerial roles across various industries. It provides both academic knowledge, skills and abilities to identify opportunities and challenges relevant to every business, so students will benefit from an education making techniques in response to those opportunities. Hospitality is ideally situated to prepare students for leadership careers in the service sector. Because of its unique location in the premier tourist destination in the world, the Rosen College of Hospitality Management is the largest employer, supplying approximately 360,000 jobs with wages exceeding $14 billion annually.

The educational mission of the College is to provide students with the knowledge, skills and abilities to identify opportunities and challenges in the hospitality industry and beyond, and to apply creative decision-making techniques in response to those opportunities. Hospitality is relevant to every business, so students will benefit from an education that's transferable to both private and public entities that value the customer experience.

The curriculum is designed to prepare students for a broad range of managerial roles across various industries. It provides both academic preparation and practical experiences that students need to enter and succeed in their careers. Students also have the opportunity to experience the work world in hospitality through an internship requirement and extensive contact with leading hospitality executives in the Central Florida area. There are three undergraduate degrees offered, including Bachelor of Science degrees in Hospitality Management, Event Management, and Restaurant and Food Service Management. The College also houses the Linda Chapin Eminent Scholar Chair in Tourism Management and the Dick Pope Sr. Institute for Tourism Studies which was created and funded by the travel and tourism industry in Central Florida. The Institute conducts research and gathers information that helps the entire Orlando area hospitality industry better understand and serve its many guests from around the world.

The Center for Multi-Unit Restaurant Management and the Darden Eminent Scholar Chair in Restaurant Management provide a unique focus in the curriculum on corporate restaurant management. Students have access through the Center to leading restaurant industry executives. This academic unit is an integral part of the Rosen College of Hospitality Management.

Distinctive Benefits
- A state-of-the-art facility located in the heart of the tourism district in Orlando, Florida with convenient on-campus housing.
- Access to global hospitality organizations that serve one of the world’s premier tourist destinations.
- Extensive ties to top leaders in the Orlando area hospitality industry.
- A large number of scholarships provided through the generous support of the industry.
- Outstanding faculty from 17 different countries.
- A highly engaged faculty with vast industry knowledge and connections.
- A work requirement that provides students with practical experiences in the hospitality industry.
- Outstanding internship opportunities.
- A modern food production laboratory, teaching restaurant, and beer and wine laboratory completely equipped to provide students with experience in food preparation.
- Multiple endowed chairs and professorships.

Degrees: Event Management (BS), Hospitality Management (BS)
Track: Restaurant and Food Service Management (BS)
Minor: Hospitality Management; Event Management (exclusive to College of Arts and Humanities majors)

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the Rosen College of Hospitality Management are located at: http://oeas.ucf.edu/alc/alc_students_rhm.htm
ACCOUNTING
Advertising-Public Relations
Aerospace Engineering
Aerospace Engineering - Accelerated Undergraduate-Graduate Program
Anthropology
Applied Science - A.S. to B.S. Track
Architecture
Art - History Track
Art - Studio Track
Art - Visual Arts and Emerging Media Management Track
Art - B.F.A. - Emerging Media Track
Art - B.F.A. - Studio Art Track
Art Education
Athletic Training
Biology
Biomedical Sciences
Biomedical Sciences - Preprofessional Concentration
Biotechnology
Business Administration
Chemistry
Chemistry - Biochemistry Track
Civil Engineering
Communication Sciences and Disorders
Communication Sciences and Disorders - Accelerated Undergraduate-Graduate Program
Computer Engineering
Computer Engineering - Accelerated Undergraduate-Graduate Program
Computer Science
Computer Science - Accelerated Undergraduate-Graduate Program
Construction Engineering
Criminal Justice
Criminal Justice Scholar’s Track
Criminal Justice - A.S. to B.S. Track
Digital Media
Early Childhood Development and Education
Track 1: Education: Pre-Kindergarten - Primary
Early Childhood Development and Education
Track 2: Early Childhood Development
Early Childhood Development and Education
Track 3: Early Childhood Careers
Economics
Economics, Business
Electrical Engineering
Electrical Engineering - Accelerated Undergraduate-Graduate Program
Elementary Education
English - Creative Writing
English - Literature
English - Technical Communication
English Language Arts Education
Environmental Engineering
Event Management
Film - B.F.A.
Film - Cinema Studies Track
Finance
Forensic Science - Analysis Track
Forensic Science - Biochemistry Track
French
General Business
General Business - A.S. to B.S. Track
Health Informatics and Information Management
Health Sciences - Pre-Clinical Track
Health Sciences - Pre-Clinical Track
History
History - Accelerated Undergraduate-Graduate Program
Hospitality Management
Hospitality Management - A.S. to B.S. Track
Human Communication
Humanities and Cultural Studies
Industrial Engineering
Industrial Engineering - Accelerated Undergraduate-Graduate Program
Information Technology
Interdisciplinary Studies
Interdisciplinary Studies - Environmental Studies Track
Interdisciplinary Studies - Women’s Studies Track
International and Global Studies
Journalism
Latin American Studies
Liberal Studies
Liberal Studies - (See Interdisciplinary Studies)
Management
Marketing
Mathematics
Mathematics Education
Mechanical Engineering
Mechanical Engineering - Accelerated Undergraduate-Graduate Program
Medical Laboratory Sciences
Music
Music - Jazz Studies Track
Music - Music Composition Track
Music - Music Performance Track
Music Education
Nursing
Nursing - Accelerated Second Degree
B.S.N. Option
Nursing - A.S. to B.S.N. Track
Nursing - Concurrent A.S.N. to B.S.N.
enrollment option
Nursing - R.N. to B.S.N. Program
Nursing - R.N. to M.S.N. Option
Philosophy
Photography
Photonic Science and Engineering
Physics
Political Science
Political Science - Prelaw Track
Psychology
Public Administration
Radio - Television
Real Estate
Religion and Cultural Studies
Restaurant and Foodservice Management
Science Education - Biology
Science Education - Chemistry
Science Education - Physics
Social Science Education
Social Sciences
Social Work
Sociology
Spanish
Sport and Exercise Science
Statistics
Technical Education and Industry Training
Theatre
Theatre - Musical Theatre Track
Theatre Studies
UCF Legal Studies/Barry Law/Touro Law
Accelerated Legal Studies Degree Program
World Languages Education - French
World Languages Education - Spanish
Writing and Rhetoric

UNIVERSITY OF CENTRAL FLORIDA

116

Undergraduate Catalog 2014-2015
UCF DEGREE PROGRAMS

Accounting (B.S.B.A.)
College of Business Administration
Kenneth G. Dixon School of Accounting,
Business Administration II, Room: 101
http://www.bus.ucf.edu/accounting
Phone: 407-823-2184

Not eligible for a double degree with another College of Business Administration major.

Admission Requirements
- Completion of the General Education program and Gordon Rule, or an AA Degree from a Florida College System or State University System institution prior to admission to this degree.
- See Common Program Prerequisites.

Degree Requirements
- Students must earn at least 60 credit hours of coursework outside of the College of Business (ECO 2013, 2023, 3401, and 3411 count towards this 60 hour requirement).
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must have a “C” (2.0) or better in each common program prerequisites class.
- A minimum grade of “C” (2.0) must be earned in each accounting, business law, and tax course completed.
- Principles of Financial Accounting and Principles of Managerial Accounting are included under this rule.
- Students in the Accounting major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000 level or higher Accounting or Tax courses taken at UCF. Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on Lack of Progress in the major. Lack of Progress in the major will continue until such time as the student’s cumulative GPA in all Accounting and Tax courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Accounting and Tax courses in the subsequent term, that student will be dropped as an Accounting major. A student who is dropped may seek re-admitance as an Accounting major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving an Accounting and Tax GPA of 2.0 or higher. Readmission is not automatic.
- Any student receiving a business degree must complete one half (30) of the 60 upper level courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- Students must have at least a 2.0 GPA in the College of Business and in the accounting major.
- A grade of “C-” (1.75) or lower is not satisfactory for continuing into other accounting courses and will not count toward graduation for an accounting major.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
      Prefer SPC 1608 Fundamentals of Oral Communication
   B: Cultural & Historical Foundations (9 hrs)
      Preferred: MAC 1105C College Algebra 3 hrs
   C: Mathematical Foundations (6 hrs)
      Required: CGS 2100C Computer Fundamentals 3 hrs
      Prefer: MAC 1105C College Algebra 3 hrs
   D: Social Foundations (6 hrs)
      Select 1: 3 hrs
      Prefer: ECO 2033 Principles of Macroeconomics
      Prefer: ECO 2023 Principles of Microeconomics

Select 1: 3 hrs
- Suggested ACG 4803 Advanced Issues in Financial Accounting 3 hrs
- Suggested ACG 4401C Accounting Information Systems 3 hrs
- Suggested MAN 3025 Management of Organizations 3 hrs
- Suggested MAR 3203 Supply Chain and Operations Management 3 hrs
- Suggested GEB 4223 Business Interviewing Techniques 1 hr
- Suggested GEB 4004 Executing Your Career Plan 1 hr

2. Common Program Prerequisites (CPP) (18 hrs)
   Prefer ECO 2023 Principles of Macroeconomics 3 hrs
   Prefer ECO 2013 Principles of Microeconomics 3 hrs
   Prefer GEB 3005 Career Search Strategy 1 hr
   Prefer MAR 3023 Marketing 3 hrs
   Prefer MAR 3203 Supply Chain and Operations Management 3 hrs
   Prefer GEB 4223 Business Interviewing Techniques 1 hr
   Prefer GEB 4004 Executing Your Career Plan 1 hr

Select one of the following sequences of courses:
- ECO 3401 Quantitative Business Tools I 3 hrs

3. Core Requirements: Basic Level
   None

4. Core Requirements: Advanced Level (53 hrs)
   1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
   2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
   Prefer: GEB 3030 Career Search Strategy 1 hr
   Prefer: GEB 3003 Career Research & Planning 1 hr
   Prefer: BUL 3130 Legal and Ethical Environment of Business 3 hrs
   Prefer ECO 3411 Quantitative Business Tools II 3 hrs
   Prefer FIN 3403C Business Finance 3 hrs
   Prefer GEB 3375 Introduction to International Business 3 hrs
   Prefer MAN 3025 Management of Organizations 3 hrs
   Prefer MAR 3203 Supply Chain and Operations Management 3 hrs
   Prefer GEB 4223 Business Interviewing Techniques 1 hr
   Prefer GEB 4004 Executing Your Career Plan 1 hr

   1 Must be taken in 1st or 2nd semester.
   2 Required to be taken with GEB 3031.

Required courses for major:
   ACG 3361 Cost Accounting I 3 hrs
   ACG 3501 Financial Accounting for Governmental and Nonprofit Organizations 3 hrs
   ACG 4401C Accounting Information Systems 3 hrs
   ACG 4651 Auditing 3 hrs
   ACG 4603 Advanced Issues in Financial Accounting 3 hrs
   TAX 4001 Taxation of Business Entities and Transactions 3 hrs

5. Restricted Electives
   None

6. Capstone Requirements (4 hrs)
   MAN 4720 Strategic Management 4 hrs
   Prefer: Fin 3403C Business Finance 3 hrs
   GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
   GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
   Prefer MAN 3025 Management of Organizations 3 hrs
   MAR 3203 Marketing 3 hrs

7. Foreign Language Requirements
   None

Admissions
- Admission: Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
- Graduation
   None
UCF Degree Programs

8. Electives
■ None

9. Additional Requirements
■ None

10. Required Minors
■ None

11. Departmental Exit Requirements
■ None

12. University Minimum Exit Requirements
■ A 2.0 UCF GPA
■ 60 semester hours earned after CLEP awarded
■ 48 semester hours of upper division credit completed
■ 30 of the last 39 hours of course work must be completed in residency at UCF.
■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
■ 120

Honors In Major
■ Eligibility: Requirements for admission to Honors in the Major are: completion of at least 60 semester hours of college credits including at least 12 graded upper-division hours at UCF; at least a 3.5 GPA within the major; and at least a 3.2 cumulative GPA including all upper-division courses regardless of institution.
■ Admission: Application for admission to the Honors in the Major program must be approved by both the Honors in the Major Coordinator for the School of Accounting and Associate Dean of the Honors College plus the payment of $25.00 one-time membership dues.

Requirements:
■ Students accepted into the Honors in the Major Program must complete either:

Take all of the following sequences:
- ACG 4903H Honors Directed Reading I or 3 hrs
- ACG 4904H Honors Directed Reading II 3 hrs

and
- ACG 4970H Undergraduate Honors Thesis 3 hrs

Related Programs
■ None

Certificates
■ None

Related Minors
■ None

Advising Notes
■ Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
■ Professional courses should not be taken at a Florida College System institution in the areas of Management, Marketing, Real Estate, or Finance. These professional areas are third and fourth year (junior, senior) course areas and cannot be satisfied with freshman, sophomore level courses.
■ Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
■ Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes
■ Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
■ Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
■ Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses
ACG 2021 Principles of Financial Accounting 3 hrs
may be substituted with:
ACG 2001 and ACG 2011

Plan of Study
Freshman Year - Fall 15 hrs
ENC 1101 Composition I 3 hrs
MAC 1105C College Algebra 3 hrs
ECO 2013 Principles of Macroeconomics 3 hrs
Cultural Foundation I 3 hrs
Elective 3 hrs

Freshman Year - Spring 15 hrs
ENC 1102 Composition II 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs
CGS 2100C Computer Fundamentals for Business 3 hrs
Social Foundation 3 hrs
Elective 3 hrs

Sophomore Year - Fall 15 hrs
ACG 2021 Principles of Financial Accounting 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
Historical Foundation I 3 hrs
Science 3 hrs
Elective 3 hrs

Sophomore Year - Spring 15 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
ECO 3401 Quantitative Business Tools I 3 hrs
Social Foundation II 3 hrs
Science 3 hrs
Elective 3 hrs

Junior Year - Fall 14 hrs
GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
GEB 3003 Career Research & Planning 1 hr
ACG 3131 Intermediate Financial Accounting I 3 hrs
FIN 3401 Math for Business 3 hrs
MAR 3023 Marketing 3 hrs

Junior Year - Spring 16 hrs
ACG 3141 Intermediate Financial Accounting II 3 hrs
ACG 3361 Cost Accounting I 3 hrs
MAN 3025 Management of Organizations 3 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
GEB 3605 Career Search Strategy 1 hr
Elective 3 hrs

Senior Year - Fall 16 hrs
ACG 3501 Financial Accounting for Governmental and Nonprofit Organizations 3 hrs
ACG 4401C Accounting Information Systems 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
MAR 3203 Supply Chain and Operations Management 3 hrs
GEB 3375 Introduction to International Business 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr
Of these 80 hours, 56 must be taken in the liberal arts (i.e. within the College of Arts & Humanities or the College of Sciences).

To ensure completion within 120 hours and to comply with the 80 hour rule, no more than 40 (or 43 if a GEP speech class was taken at UCF) of the 120 hours may be taken within the Nicholson School of Communication.

Students electing to complete a minor must select the minor from outside the Nicholson School of Communication to remain below the 40 credit hour school maximum.

A maximum of three credit hours of internship may be earned in one semester.

All prerequisites of courses taught within the College of Sciences will be enforced.

Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
Required
ENC 1101 Composition I 3 hrs
ENC 1102 Composition II 3 hrs

Select either
Required
SPC 1608 Fundamentals of Oral Communication or GEP 3 hrs
SPC 1603C Fundamentals of Technical Presentations 3 hrs

B: Cultural & Historical Foundations (9 hrs)
Prefer
AMH 2010 U.S. History: 1492-1877 3 hrs
AMH 2020 U.S. History: 1877-Present 3 hrs
Select one course from group B 2.
3 hrs

C: Mathematical Foundations (6 hrs)

Math 3 hrs
Suggested
MGF 1106 Finite Mathematics or 3 hrs
MGF 1107 Explorations in Mathematics or 3 hrs

May substitute a higher level math with appropriate scores on the Math Placement Exam. 3 hrs

Statistics
Required
STA 2014C Principles of Statistics or 3 hrs
May substitute a more advanced STA course. 3 hrs

D: Social Foundations (6 hrs)

Economics 3 hrs
Required
ECO 2013 Principles of Macroeconomics or 3 hrs
ECO 2023 Principles of Microeconomics or 3 hrs

Social Sciences 3 hrs
Required
ANT 2000 General Anthropology or 3 hrs
PSY 2012 General Psychology or 3 hrs

Required
SYG 2000 Introduction to Sociology 3 hrs

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)

See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

Select either Economics course:
ECO 2013 Principles of Macroeconomics or GEP 3 hrs
ECO 2023 Principles of Microeconomics GEP 3 hrs

Select either Speech course:
SPC 1608 Fundamentals of Oral Communication or GEP 3 hrs
SPC 1603C Fundamentals of Technical Presentations GEP 3 hrs

3. Core Requirements: Basic Level (6 hrs)

All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken along with the following:
UCF Degree Programs

Must be in progress or completed before applying to the program:

Complete all of the following: 6 hrs
- For admission to the program, students must complete or be enrolled into and complete the following courses with a "C" or better (if in process at the time of admission, students who do not earn a "C" or better will be removed from the program).
  - ADV 3008 Principles of Advertising and 3 hrs
  - PUR 4000 Public Relations 3 hrs

May be completed before or after admission to the program:

Complete either economics class:
  - ECO 2023 Principles of Microeconomics or GEP/CPP
  - ECO 2013 Principles of Macroeconomics GEP/CPP

Complete either speech class
  - SPC 1608 Fundamentals of Oral Communication or GEP/CPP
  - SPC 1603C Fundamentals of Technical Presentations GEP/CPP

Complete either statistics class:
  - STA 2014C Principles of Statistics or GEP
  - STA 2023 Statistical Methods I GEP

4. Core Requirements: Advanced Level (21 hrs)

Complete after admission to the program:
  - ADV 4101 Advertising Copywriting 3 hrs
  - MMC 3420 Mass Media Research Methods 3 hrs
  - MMC 3200 Mass Communication Law 3 hrs
  - MMC 4411 Ad-PR Campaigns 3 hrs
  - MMC 3630 Social Media as Mass Communication 3 hrs
  - PUR 3100 Writing for Public Relations 3 hrs

Internship: Select one 3 hrs
  - ADV 4941 Internship or 3 hrs
  - PUR 4941 Internship 3 hrs

5. Restricted Electives (12 hrs)

Select from the following after admission to the program:
  - PUR 3004 Public Relations and Society 3 hrs
  - ADV 4103 Radio-Television Advertising 3 hrs
  - ADV 4300 Advertising Media Planning 3 hrs
  - COM 3110 Business and Professional Communication 3 hrs
  - JOU 4700 Journalism Ethics 3 hrs
  - PUR 3210 Communication Approach to Corporate Social Responsibility 3 hrs
  - PUR 4203 PR/Advertising Ethics and Law 3 hrs
  - PUR 4400 Crisis Communication 3 hrs
  - PUR 4110C Public Relations Publications 3 hrs
  - PUR 4801 Public Relations Case Studies 3 hrs
  - VIC 3001 Visual Communication 3 hrs

You may take either internship, but not both. 3 hrs
  - ADV 4941 Internship or 3 hrs
  - PUR 4941 Internship 3 hrs

6. Capstone Requirements

- The following Advanced Core course meets the Capstone Requirement:
  - MMC 4411 Ad-PR Campaigns 3 hrs

7. Foreign Language Requirements

Admissions
- Met by graduation requirement.

Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.
- Eight credits of American Sign Language (ASL) can satisfy this requirement for students graduating under this catalog; however it will not count toward the 56 hour Liberal Arts requirement. Consult with the NSC advising staff to understand how choosing ASL impacts hours needed to graduate.

8. Electives
- Select primarily from upper level courses, with school advisor's approval. Must be from outside of the disciplines represented within school in order to not exceed the 40 credit hour cap. The majority of electives should be taken in the Liberal Arts to comply with the 56 hour Liberal Arts requirement.

9. Additional Requirements
- None

10. Required Minors
- None required. However if a minor is desired, it must be selected from outside the school in order to not exceed the 40 credit hour cap.

11. Departmental Exit Requirements
- To avoid delaying graduation, the student must request a review of requirements before registering for the last term.
- Achieve an overall "C" GPA (2.0) in Nicholson School of Communication courses used to satisfy the major.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Eligibility: Requirements for admission to Honors in the Major are: completion of at least 60 semester hours of college credits including at least 12 graded upper-division hours at UCF; at least a 3.5 GPA within the major; and at least a 3.2 cumulative GPA including all upper-division courses regardless of institution; complete ADV 3008 and PUR 4000 with a minimum grade of A (4.0) and MMC 3420 with a minimum grade of B (3.0).
- Admission: Application to admission to Honors in the Major program must be approved by both the Honors in the Major thesis adviser and the Advertising-Public Relations Area Coordinator.

Requirements:
- Students accepted into the Honors in the Major Program must complete the following:

  Select 1: 3 hrs
  - ADV 4906 Directed Independent Study or 1 hr
  - PUR 4906 Directed Independent Study 1 hr

  Select 1: 3 hrs
  - ADV 4970H Undergraduate Honors Thesis or 1 hr
  - PUR 4970H Honors Undergraduate Thesis II 1 hr

Related Programs
- Marketing
- Certificates
- None

Related Minors
- NOTE: Minors taught within the Nicholson School of Communication are not open to Ad-PR majors.
- Business
- Digital Media
- Writing and Rhetoric
- Hospitality Management
- Marketing
- Political Science
- Psychology
- Sociology

Advising Notes
- Students must satisfy each course's prerequisites before enrolling in the class.
### Aerospace Engineering (B.S.A.E.)

**College of Engineering and Computer Science**

**Department of Mechanical and Aerospace Engineering, Engineering 1, Room: 381**

[http://www.mae.ucf.edu](http://www.mae.ucf.edu)

**Email:** mmaeugrad@ucf.edu

Dr. Kuo-Chi Lin, Kurt.Lin@ucf.edu, 407-823-0137

Lynn Grabenhorst, Lynn.Grabenhorst@ucf.edu, 407-823-5448

**Phone:** 407-823-2416

### Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a “C” (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final pending prerequisite course(s) listed above.

### Degree Requirements

- None

#### 1. UCF General Education Program (GEP) (38 hrs)

The UCF General Education Program (GEP) is described in the General Education Program section, located elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

**A: Communication Foundations (9 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Select 1:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**B: Cultural & Historical Foundations (9 hrs)**

Select two classes from Historical Foundations

Select one class from Cultural Foundations

**C: Mathematical Foundations (7 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 3032 Probability and Statistics for Engineers</td>
<td>3</td>
</tr>
</tbody>
</table>

**D: Social Foundations (6 hrs)**

**Select 1:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4</td>
</tr>
</tbody>
</table>

**E: Science Foundations (7 hrs)**

Select one class from Science Foundations

**Select 1:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2048C Physics for Engineers &amp; Scientists I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Select 1:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT 2054 Introduction to Scientific Programming</td>
<td>3</td>
</tr>
</tbody>
</table>

**2. Common Program Prerequisites (CPP) (19 hrs)**

These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in MMAE major courses, a 2.0 (C or better) in each course is required for those courses in section 2.

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees

- Part-Time Student: $22 per term
- Full-Time Student: $44 per term
UCF Degree Programs

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

1 MAC 2311C Calculus with Analytic Geometry I [GEP]
1 MAC 2312 Calculus with Analytic Geometry II 4 hrs
1 MAC 2313 Calculus with Analytic Geometry III 4 hrs
1 MAP 2302 Ordinary Differential Equations I 3 hrs
1 PHY 2048C Physics for Engineers & Scientists I [GEP]
PHY 2049C Physics for Engineers and Scientists II 4 hrs

1 A “C” (2.0) or better is required in this course.

Select one of the following sequences of courses:
-Preferred course
CHS 1440 Principles of Chemistry 4 hrs
or- First alternative: Select all of the following: 6 hrs
CHM 2040 Chemistry Fundamentals IA and 3 hrs
CHM 2041 Chemistry Fundamentals IB 3 hrs
or- Second alternative
CHM 2045C Chemistry Fundamentals I 4 hrs

3. Core Requirements: Basic Level (2 hrs)
- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the core requirements listed in section 4, the technical elective courses listed in section 5 below and with the senior design courses listed in section 6 below. Independent study courses generally do not satisfy major requirements.
EGS 1006C Introduction to the Engineering Profession 1 hr
EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (51 hrs)
- EGN 3310 Engineering Analysis Statics 3 hrs
- EGN 3343 Thermodynamics 3 hrs
- EMA 3706 Structure and Properties of Aerospace Materials 3 hrs
- EGN 3373 Principles of Electrical Engineering 3 hrs
- STA 3032 Probability and Statistics for Engineers [GEP] 3 hrs
- EAS 3101 Fundamentals of Aerodynamics 3 hrs
- EAS 3800C Aerospace Engineering Measurements 3 hrs
- EAS 3810C Design of Aerospace Experiments 3 hrs
- EAS 4105 Flight Mechanics 3 hrs
- EAS 4154 High-Speed Aerodynamics 3 hrs
- EAS 4300 Aerothermodynamics of Propulsion Systems 3 hrs
- EML 3034C Modeling Methods in Mechanical and Aerospace Engineering 3 hrs
- EGM 3601 Solid Mechanics 3 hrs
- EML 3217 Engineering Mechanics - Dynamics 3 hrs
- EML 4225 Introduction to Vibrations and Controls 3 hrs
- EML 3701 Fluid Mechanics I 3 hrs
- EML 4142 Heat Transfer 3 hrs
- EAS 4200 Analysis & Design of Aerospace Structures 3 hrs

5. Restricted Electives (12 hrs)
- Technical electives are available in the BSAE program to address specific student interests in a variety of technical areas. Students must consult with their assigned academic advisor for a list of the approved technical electives and the semesters when specific courses of this type are to be offered. [http://rmoe.ucf.edu/Academics/undergraduate.html]

6. Capstone Requirements (6 hrs)
- These courses are a capstone experience to your engineering program and should be completed in your last 2 major semesters of study.
- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
- EAS 4700C Aerospace Design I 3 hrs
- EAS 4710C Aerospace Design II 3 hrs

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
- None

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- 25% of course work must be in residency at UCF.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 128

Honors In Major
- None

Related Programs
- Mechanical Engineering

Certificates
- None

Related Minors
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Engineering Leadership

Advising Notes
- Double Degree/Double Major requirements listed under college section of the catalog.

Career and Academic Advising
- The department requires all students in the program to meet with a faculty member for advising on career and academic issues. These courses must be taken in sequence during the 3rd and 4th year.
- EAS 3990 Aerospace Career and Academic Faculty 0 hrs
- EAS 4991 Aerospace Career and Academic Faculty 0 hrs

Transfer Notes
- Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshman students only. The two credit hours for these courses will be substituted by an approved Aerospace Engineering Elective for transfer students.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study (128 hrs)
- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their faculty advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (12 hrs)
- EGS 1006C Introduction to the Engineering Profession 1 hr
- ENC 1101 Composition I 3 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs

Select 1: (4 hrs)
- CHS 1440 Principles of Chemistry or 4 hrs
- CHM 2045C Chemistry Fundamentals I or 4 hrs
- CHM 2040 Chemistry Fundamentals IA or 3 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs

SELECT 1: (4 hrs)
- Preferred
## Anthropology (B.A.)

### College of Sciences

**Department of Anthropology, Philips Hall, Room: 309**

[http://www.cos.ucf.edu/anthropology](http://www.cos.ucf.edu/anthropology)

Dr. John Schultz, john.schultz@ucf.edu  
Phone: 407-823-2227

The Anthropology major results in broad holistic understanding of humans and the human condition, both past and present. Students study all subfields of Anthropology: Archaeology, Cultural Anthropology, Linguistics, and Physical Anthropology. Students with sufficient course background may participate in ongoing archaeological excavations in Central America, South America and the Caribbean.

### Admission Requirements

- None

### Degree Requirements

- **UCF students who change degree programs and select this major must adopt the most current catalog.**
- **Departmental Residency Requirement:** at least 30 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Anthropology Department.
- **Students must maintain a grade of "C"(2.0) or better in all courses used for the major.**
- Co-op or internship credit cannot be used in the major without prior approval.
- Students should consult with a departmental advisor.
- All prerequisites of courses taught within the College of Sciences will be enforced.

### Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours

1. **UCF General Education Program (GEP)** (36 hrs)
   - **A: Communication Foundations** (9 hrs)
   - **B: Cultural & Historical Foundations** (9 hrs)
   - **C: Mathematical Foundations** (6 hrs)

### Math:

- **3 hrs**  
  - Suggested: MGF 1106 Finite Mathematics or GEP/CPP 3 hrs  
  - Suggested: MGF 1107 Explorations in Mathematics or 3 hrs  
  - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

### Statistics - Computers

- **3 hrs**  
  - Suggested: STA 2014C Principles of Statistics 3 hrs

### D: Social Foundations

- **6 hrs**  
  - Suggested: ANT 2000 General Anthropology 3 hrs  
  - Select from GEP D.1 list 3 hrs

### E: Science Foundations

- **6 hrs**  
  - Required: ANT 2511 The Human Species 3 hrs  
  - Select from GEP E.1 list 3 hrs

### 2. Common Program Prerequisites (CPP)

- **See Transfer Notes for possible substitutes.**
- **See “Common Prerequisites” in the Transfer and Transitions Services section.**

### 3. Core Requirements: Basic Level

**Core-Required, also satisfy the CPP**

- **ANT 2511 The Human Species**  
  - GEP 3 hrs

**Take all of the following:**

- **6 hrs**  
  - ANT 2140 Archaeology and the Rise of Human Culture and  
  - ANT 2410 Cultural Anthropology 3 hrs

---

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oaes.ucf.edu/aic/academic_learning_compacts.htm](http://www.oaes.ucf.edu/aic/academic_learning_compacts.htm)

### Equipment Fees

- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

---

**UNIVERSITY OF CENTRAL FLORIDA**  
**Undergraduate Catalog 2014-2015**
4. Core Requirements: Advanced Level (12 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 3610</td>
<td>Language and Culture</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4034</td>
<td>History of Anthropological Thought</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select 1:

- ANT 3145: Archaeology of Complex Societies or 3 hrs
- ANT 3115: Archaeological Method and Theory 3 hrs

Select 1:

- ANT 4516: Human Biological Diversity or 3 hrs
- ANT 4568C: Human Origins 3 hrs

5. Restricted Electives (24 hrs)

Area Study 3 hrs

- Select one from the following courses:
  - ANT 3148: Life and Death in Ancient Egypt 3 hrs
  - ANT 3162: Indians of the Southwest 3 hrs
  - ANT 3158: Florida Archaeology 3 hrs
  - ANT 3160: Americas Before Columbus 3 hrs
  - ANT 3161: Archaeology of Mexico 3 hrs
  - ANT 3163: Mesoamerican Archaeology 3 hrs
  - ANT 3164: Ancient Incas 3 hrs
  - ANT 3165: Archaeology of South America 3 hrs
  - ANT 3168: Maya Archaeology 3 hrs
  - ANT 3177: Archaeology of Caribbean Piracy 3 hrs
  - ANT 3311: Indians of the Southeastern United States 3 hrs
  - ANT 3312: Ethnology of North American Indians 3 hrs
  - ANT 3313: Indians of North America High Plains 3 hrs
  - ANT 3319: Slavery, Resistance, and Cultural Dynamics Among African People in the Americas 3 hrs
  - ANT 3362: Peoples of Southeast Asia 3 hrs
  - ANT 4153: North American Archaeology 3 hrs
  - ANT 4332: People and Cultures of Latin America 3 hrs
  - ANT 4340: Caribbean Cultures 3 hrs
  - ANT 4362: African Societies and Cultures 3 hrs

Restricted Electives 21 hrs

- Select 7 additional upper-level Anthropology courses; these may include other area study courses or any other upper-level Anthropology courses that may be offered (see below for restrictions).

Only one of the following may be taken:

- ANT 3115: Archaeological Method and Theory or 3 hrs
- ANT 3145: Archaeology of Complex Societies 3 hrs

Only one of the following may be taken:

- ANT 4516: Human Biological Diversity or 3 hrs
- ANT 4586C: Human Origins 3 hrs

Only one of the following may be taken:

- ANT 3905: Directed Independent Study or 1 hr
- ANT 3985: Study Abroad or 1 hr
- ANT 3943: Caribbean Archaeology Practicum or 3 hrs
- ANT 4180C: Seminar in Laboratory Analysis or 3 hrs
- ANT 4824: Advanced Archaeological Fieldwork or 9 hrs
- ANT 4906: Directed Independent Study or 1 hr
- ANT 4912: Directed Independent Research or 1 hr
- ANT 4955: Study Abroad or 1 hr
- ANG 5922: Maya Field Research or 3 hrs
- ANG 5907: Independent Study or 1 hr
- ANG 5917: Directed Research 1 hr

None of the following may be taken:

- ANT 4903H: Honors Directed Reading I or 1 hr
- ANT 4904H: Honors Directed Reading II or 1 hr
- ANT 4970H: Undergraduate Honors Thesis 1 hr

Any of the following may be taken:

- ANT 251L: Physical Anthropology Lab 1 hr
- ANT 3026: Mummies, Zombies, and Vampires: Anthropology of the Undead 3 hrs
- ANT 3106: Archaeology and Popular Culture 3 hrs
- ANT 3142: Old World Prehistory 3 hrs
- ANT 3173: Archaeology of Sex 3 hrs
- ANT 3174: Archaeology of Sex 3 hrs
- ANT 3212: Peoples of the World 3 hrs
- ANT 3241: Magic, Ritual, and Belief 3 hrs
- ANT 3245: Native American Religions 3 hrs
- ANT 3262: Rural Society 3 hrs
- ANT 3273: Law and Culture 3 hrs
- ANT 3302: Sex, Gender and Culture 3 hrs
- ANT 3330: Cultural Ecology of Amazonia 3 hrs
- ANT 3393: American Indian Literature and Culture in Florida 3 hrs
- ANT 3398: Black/Semifonte Relations 3 hrs
- ANT 3541: Biobehavioral Anthropology 3 hrs
- ANT 3550C: Primatology 3 hrs
- ANT 3701: Applied Anthropology 3 hrs
- ANT 4027: Mummies, Life After Death 3 hrs
- ANT 4013: Anthopological Perspectives on Fast Food 3 hrs
- ANT 4183: Archaeological Sciences 3 hrs
- ANT 4184: Mortuary Archaeology 3 hrs
- ANT 4266: Economic Anthropology: Production, Consumption, and Exchange 3 hrs
- ANT 4303: Anthropology of Tourism 3 hrs
- ANT 4408: Culture, Disease, and Healing 3 hrs
- ANT 4462: Medical Anthropology 3 hrs
- ANT 4467: Nutritional Anthropology 3 hrs
- ANT 4521: Forensic Anthropology 3 hrs
- ANT 4526C: Human Osteology 4 hrs
- ANT 4590: Anthropological Perspectives on Human Growth 3 hrs
- ANT 4702: Culture, Power and Development 3 hrs
- ANT 4802: Ethnographic Field Methods 3 hrs
- ANG 5166: Problems in Maya Studies 3 hrs
- ANG 5167: Maya Hieroglyphs 3 hrs
- ANG 5228: Maya Iconography 3 hrs
- ANG 5742: Problems in Forensic Anthropology 3 hrs

1 Alternatively, seniors may select the 5000 level equivalent, but not both.

6. Capstone Requirements

- None

7. Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Foreign Languages and Literatures or Judaic Studies, or two semesters equivalent of American Sign Language.

- Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements

- None

10. Required Minors

- None

11. Departmental Exit Requirements

- A grade of “C” (2.0) or better in all courses used for the major.

- Students will be required to take a standard exit exam.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.

- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

120

Honors In Major

- None

Related Programs

- Social Sciences
- Sociology

Certificates

- Crime Scene Investigation
- Cultural Tourism
- Diplomacy
**Freshman Year - Spring** 15 hrs
- ANT 3610 Language and Culture 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- GEP 3 hrs
- Elective / Minor 3 hrs

**Junior Year - Fall** 15 hrs
Select 1:
- ANT 3115 Archaeological Method and Theory 3 hrs
- ANT 3145 Archaeology of Complex Societies 3 hrs
- Restricted Elective 3 hrs
- Foreign Language 4 hrs
- Restricted Elective 2 hrs
- Elective / Minor 3 hrs

**Junior Year - Spring** 15 hrs
- ANT 4034 History of Anthropological Thought 3 hrs
- Restricted Elective 3 hrs
- Foreign Language 4 hrs
- Elective / Minor 3 hrs
- Elective / Minor 2 hrs

**Senior Year - Fall** 15 hrs
Select 1:
- ANT 4516 Human Biological Diversity or 3 hrs
- ANT 4586C Human Origins 3 hrs
- Restricted Elective 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Free Elective 3 hrs

**Senior Year - Spring** 15 hrs
- Free Elective 3 hrs
- Area Study Elective 3 hrs
- Free Elective 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs

**Program Academic Learning Compacts**
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

**Architecture (B.Des.)**

*College of Arts and Humanities*

*School of Visual Arts and Design*

(This program is offered at UCF at the Valencia West Campus)

[http://architecture.ucf.edu/](http://architecture.ucf.edu/)

**Email:** architecture@ucf.edu

**Phone:** 407-582-5500

The Bachelor of Design in Architecture was created to meet the local need in Central Florida for an architecture program. The Bachelor of Design (B.Des.) degree program is a partnership with Valencia College and the University of Florida, as part of a 2+2+2 program to enable students to complete an NAAB accredited architectural program in Central Florida. Note: Architecture (B.Des.) majors must have continual access to a computer. Contact the Architecture advising office (407-582-5500) for the minimum hardware and software specifications.

**Admission Requirements**
- Completion of an Associate of Arts (A.A.) in Architecture (or similar program) that meets the common course prerequisites of the Bachelor of Design in Architecture program.
- Submission of a completed UCF application packet.
- Participation in a competitive review prior to acceptance.
- Completion of the General Education Program (GEP) at UCF or equivalent.
- UCF admission files from other transfer students will be reviewed on an individual basis to determine if prerequisites and General Education Program requirements are met.
## UCF Degree Programs

### Degree Requirements
- Students who change degree programs and select this major must adopt the current catalog.
- Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- Students must earn at least a “C” (2.0) in each required course and maintain an overall GPA of at least 2.0.
- Co-op credit cannot be used in this major.
- Students should consult with an architecture advisor before selecting the major, and at least annually thereafter.
- Completion of at least 120 semester hours of course work, including all required courses.

### 1. UCF General Education Program (GEP)  (36 hrs)
- Students who have not satisfied General Education Requirements before transferring will complete the remaining courses at UCF. The specific course will depend on the general education courses completed as part of their earlier coursework. If a student has an A.A. degree from any Florida college or university, they will have satisfied the GEP requirements.

#### A: Communication Foundations  (9 hrs)

- ARC 2180 Introduction to Digital Architecture 3 hrs

#### B: Cultural & Historical Foundations  (9 hrs)

- ARC 2702 History of Architecture II or equivalent 3 hrs

#### C: Mathematical Foundations  (6 hrs)

- ARC 2461 Materials and Methods of Construction 4 hrs

#### D: Social Foundations  (6 hrs)

- ARC 1701 History of Architecture I or equivalent 3 hrs

#### E: Science Foundations  (6 hrs)

- ARC 1302 Architectural Design II (Valencia College) 4 hrs

### 2. Common Program Prerequisites (CPP)
- Completion of the A.A. in Architecture from Valencia College or equivalent.

### 3. Core Requirements: Basic Level  (34 hrs)
- A.A. Courses (completed in the A.A. in Architecture from Valencia College).
- ARC 2461 Materials and Methods of Construction and ARC 2180 Introduction to Digital Architecture are electives in Valencia College’s architecture program but required for the B.Des. at UCF. See courses below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC 1201</td>
<td>Theory of Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARC 1301</td>
<td>Architectural Design I</td>
<td>4</td>
</tr>
<tr>
<td>ARC 1302</td>
<td>Architectural Design II</td>
<td>4</td>
</tr>
<tr>
<td>ARC 1701</td>
<td>History of Architecture I or equivalent</td>
<td>3</td>
</tr>
<tr>
<td>ARC 2180</td>
<td>Introduction to Digital Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARC 2303</td>
<td>Architectural Design III</td>
<td>5</td>
</tr>
<tr>
<td>ARC 2304</td>
<td>Architectural Design IV</td>
<td>5</td>
</tr>
<tr>
<td>ARC 2461</td>
<td>Materials and Methods of Construction</td>
<td>4</td>
</tr>
<tr>
<td>ARC 2702</td>
<td>History of Architecture II or equivalent</td>
<td>3</td>
</tr>
</tbody>
</table>

### 4. Core Requirements: Advanced Level  (45 hrs)
- Completed as part of the Bachelor of Design program at UCF.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC 3181</td>
<td>Advanced Topics in Digital Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARC 3320L</td>
<td>Architectural Design 5</td>
<td>6</td>
</tr>
<tr>
<td>ARC 3321L</td>
<td>Architectural Design 6</td>
<td>6</td>
</tr>
<tr>
<td>ARC 3463</td>
<td>Materials and Methods of Construction</td>
<td>3</td>
</tr>
<tr>
<td>ARC 3503</td>
<td>Architectural Structures</td>
<td>3</td>
</tr>
<tr>
<td>ARC 3610</td>
<td>Environmental Technology 1</td>
<td>3</td>
</tr>
<tr>
<td>ARC 3743</td>
<td>Architectural History 3</td>
<td>3</td>
</tr>
<tr>
<td>ARC 4220</td>
<td>Architectural Theory 2</td>
<td>3</td>
</tr>
<tr>
<td>ARC 4322L</td>
<td>Architectural Design 7</td>
<td>6</td>
</tr>
<tr>
<td>ARC 4323L</td>
<td>Architectural Design 8</td>
<td>6</td>
</tr>
<tr>
<td>ARC 4620</td>
<td>Environmental Technology 2</td>
<td>3</td>
</tr>
</tbody>
</table>

### 5. Restricted Electives
- None

### 6. Capstone Requirements
- None

### 7. Foreign Language Requirements

#### Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

#### Graduation
- None

### Electives  (10 hrs)
- Any combination of course credit at the 3000 or 4000 level and approved internship credit to equal at least 10 hours.

### Additional Requirements
- None

### Required Minors
- None

### Departmental Exit Requirements
- None

### University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### Honors In Major
- None

### Related Programs
- None

### Certificates
- Public and Professional Writing

### Related Minors
- Art - Studio
- Art History
- Cognitive Sciences
- Digital Media
- Film - Cinema Studies
- Humanities
- Philosophy
- English - Technical Communication
- Writing and Rhetoric

### Advising Notes
- http://svad.cah.ucf.edu/students
- architecture@ucf.edu

### Transfer Notes
- Grades less than a “C” (2.0) are not accepted.
- Students transferring from any Florida public institution with an A.A. degree or with general education program (GEP) requirements of that institution met have thereby satisfied UCF GEP requirements.
- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the area by the department. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses
- Acceptable substitutes for General Education and Common Program Prerequisites will be determined by the School of Visual Arts and Design and the University.

### Plan of Study

#### Freshman Year - Fall 13 hrs
- ARC 1301 Architectural Design 01 (Valencia College) 4 hrs
- ARC 1701 Architectural History 01 (Valencia College) 3 hrs
- ENC 1101 Composition I 3 hrs
- MAC 1140C Pre-Calculus Algebra 3 hrs

#### Freshman Year - Spring 13 hrs
- ARC 1302 Architectural Design 02 (Valencia College) 4 hrs
- ARC 1701 Architectural History 01 (Valencia College) 3 hrs
- ENC 1102 Composition II 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
## Sophomore Year - Fall 19 hrs
- **ARC 2303** Architectural Design 03 (Valencia College) 5 hrs
- **ARC 2702** Architectural History 02 (Valencia College) 3 hrs
- **ARC 2461** Material and Methods of Construction (Valencia College) 4 hrs
- **MAC 114C** College Trigonometry 3 hrs
- **PHY 1053C** Introductory Physics 01 4 hrs

## Sophomore Year - Spring 13 hrs
- **ARC 2304** Architectural Design 04 (Valencia College) 5 hrs
- **ARC 2180** Introduction to Digital Architecture (Valencia College) 3 hrs
- **ARC 2304** Architectural Design 04 (Valencia College) 5 hrs

## Junior Year - Fall 15 hrs
- **ARC 3302L** Architectural Design 5 6 hrs
- **ARC 3503** Architectural Structures 3 hrs
- **ARC 3181** Advanced Topics in Digital Architecture 3 hrs
- **Upper Division Elective** 3 hrs

## Junior Year - Spring 15 hrs
- **ARC 3321L** Architectural Design 6 6 hrs
- **ARC 3610** Environmental Technology 1 3 hrs
- **ARC 3743** Architectural History 3 3 hrs
- **Upper Division Elective** 3 hrs

## Junior Year - Summer 3 hrs
- **Upper Division Elective** 3 hrs

## Senior Year - Fall 15 hrs
- **ARC 4322L** Architectural Design 7 6 hrs
- **ARC 4220** Architectural Theory 2 3 hrs
- **ARC 4620** Environmental Technology 2 3 hrs
- **Upper Division Elective** 3 hrs

## Senior Year - Spring 12 hrs
- **ARC 4323L** Architectural Design 8 6 hrs
- **ARC 3463** Materials and Methods of Construction 2 3 hrs
- **Upper Division Elective** 3 hrs

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees
- Full-Time Student: $90 per term

---

**Art - Emerging Media Track (B.F.A.)**

**College of Arts and Humanities**

**School of Visual Arts and Design,**

**Visual Arts Building, Room: 117**


Email: svadadvising@ucf.edu

Phone: 407-823-2676

The Emerging Media track allows students to integrate the multiple domains of art, storytelling, and technology. It is designed to:

- Provide a solid foundation in techniques and theory in one focused area of competence.
- Provide a broad understanding of related disciplines including arts, humanities, and technology.
- Provide extended experience in working in multidisciplinary teams on realistic problems.

The program is administered through the School of Visual Arts and Design. It is recognized that there are many combinations of courses which meet the needs of individual students. Three specializations - Graphic Design, Character Animation, and Experimental Animation - lead to a Bachelor of Fine Arts degree. The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models. Note: Emerging Media majors must have continual access to a computer. Contact the UCF Computer Store or see the website ([http://www.cstore.ucf.edu](http://www.cstore.ucf.edu)) for the minimum hardware and software specifications.

---

### Admission Requirements
- **Graphic Design:** students must satisfactorily complete the mandatory GRA3950 - Graphic Design Portfolio Application course before enrolling in any Graphic Design restricted electives. The Graphic Design portfolio review is only held in Spring, and typically takes place near the end of February.
- **Experimental Animation:** all junior level Experimental Animation students must satisfactorily complete the mandatory ART 3950-Portfolio Review before enrolling in upper division ART courses or Experimental Animation restricted electives. The Spring review takes place in the first week of March. The Fall review takes place in the first week of October.
- **Character Animation:** students must satisfactorily complete the mandatory DIG3951 - Character Animation Portfolio Review, or GRA 3950 - Graphic Design Portfolio Application, may continue in the Art History or the Visual Art and Emerging Media Management tracks.
- "C-" (1.75) or below grades from other institutions do not meet departmental requirements.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

### Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog by filing a catalog year change with their degree change form.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design. Nine of these must be in an area of specialization.
- Students must earn at least a "C" (2.0) in each required course except DIG 2000, which requires a "B" (3.0) or better.
- BFA students must maintain a 3.0 GPA in all major requirements.
- Co-op credit cannot be used in this major.
- Students should consult with a School advisor prior to selecting a specialization and at least annually thereafter.

#### 1. UCF General Education Program (GEP) (37 hrs)

**A: Communication Foundations** (9 hrs)

**B: Cultural & Historical Foundations** (9 hrs)

**Take all of the following:** 9 hrs

- **Required ARH 2050** History of Western Art I and
- **Required ARH 2051** History of Western Art II and
- **Select a course from group B.1**

**C: Mathematical Foundations** (7 hrs)

**Take all of the following:** 7 hrs

- **Required MAC 1105C** College Algebra and
- **Required COP 2500C** Concepts in Computer Science

**D: Social Foundations** (6 hrs)

**E: Science Foundations** (6 hrs)

**2. Common Program Prerequisites (CPP) (18 hrs)**

**ARH 2050** History of Western Art I

**ARH 2051** History of Western Art II

**ART 2201C** Design Fundamentals-Two Dimensional

**ART 2203C** Design Fundamentals-Three Dimensional

**ART 2300C** Drawing Fundamentals I

**ART 2301C** Drawing Fundamentals II

**GRA 2101C** Introduction to Computer Art

Any ART prefix, studio, or media courses at the 2000-4000 levels

See "Common Prerequisites" in the Transfer and Transitions Services section for more information
UCF Degree Programs

3. Core Requirements: Basic Level (18 hrs)
- ARH 2500 History of Non-Western Art 3 hrs
- ART 2823 Art as Interface 3 hrs
- COP 2500C Concepts in Computer Science GEP
- MAC 1105C College Algebra GEP
- DIG 2000 Introduction to Digital Media 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2109C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs

4. Core Requirements: Advanced Level (12 hrs)
- DIG 3024 Digital Cultures & Narrative 3 hrs
- DIG 3480C Computer as a Medium 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 4780C Modeling for Realtime Systems 3 hrs

5. Restricted Electives (39 hrs)
- Graphic Design
- GRA 3950 Graphic Design Basic Concentration - 18 hours
- GRA 3203C Intermediate Graphic Design I 3 hrs
- GRA 3112C Intermediate Graphic Design II 3 hrs
- GRA 3803C Intermediate Computer Graphic Design 3 hrs
- GRA 4196C Advanced Graphic Design 3 hrs
- GRA 4197C Special Problems in Graphic Design 3 hrs
- GRA 3202C Type & Design 3 hrs

- Character Animation
- DIG 3355C Artificial Environments and Effects 3 hrs
- DIG 3433C Visual Storytelling and Visual Development 3 hrs
- FIL 3720C Introduction to Animation 3 hrs
- FIL 3734C Intermediate Animation 3 hrs

- Experimental Animation
- ART 3643C Digital Effects & Compositing 3 hrs
- DIG 4206C Look Modeling Workshop 3 hrs
- DIG 4209C Motion Graphics: Advanced Compositing 3 hrs
- DIG 4451C Narrative Techniques in the Moving Image Workshop 3 hrs
- DIG 4486C Visual Language of Moving Image II 3 hrs

- Experimental Animation Restricted Electives - 6 hours
- FIL 4750C Animation Workshop 3 hrs
- FIL 4755C Advanced Animation 3 hrs
- FIL 4795C Special Problems in Animation 3 hrs

Experimental Animation Restricted Electives - 15 hours
- Complete 15 hours of credits from the following areas: 15 hrs
- hours required outside the specialization area from 3000 or 4000 ART, ARH, GRA, DIG courses or any 3000 or 4000 level course approved by the School

6. Capstone Requirements
- None

7. Foreign Language Requirements
- Admissions
- Met by graduation requirement
- Graduation
- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies.
- Standardized examinations for foreign languages may be used to meet the requirement.
- Electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, Communication, Computer Science, etc. as approved by the School.

8. Electives
- Unrestricted electives - credit hours varies with specializations. (A maximum of six hours of Independent Study, Directed Research, or Internship permitted)

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Maintain at least a “B” (3.0) GPA in all major requirements.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 124

Honors In Major
- None

Related Programs
- Art
- English - Technical Communication

Certificates
- None

Related Minors
- Art - Studio
- Information Technology
- Computer Science
- English - Technical Communication
- Film - Cinema Studies
- Music

Advising Notes
- http://svad.cah.ucf.edu/students
- svadadvising@ucf.edu

Transfer Notes
- Grades less than a “C” (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- None

Character Animation

Freshman Year - Fall 15 hrs
- ARH 2050 History of Western Art I 3 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs
- ENC 1101 Composition I 3 hrs
- MAC 1105C College Algebra 3 hrs
- GEP Science Foundation 3 hrs
### Freshman Year - Spring
- ARH 2051 History of Western Art II 3 hrs
- ART 2203C Design Fundamentals-Three Dimensional 3 hrs
- ART 2300C Drawing Fundamentals I 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- ENC 1102 Composition II 3 hrs

### Freshman Year - Summer
- GEP Communication Foundation 3 hrs
- GEP Cultural & Historical Foundation 3 hrs
- GEP Science Foundation 3 hrs

### Sophomore Year - Fall
- ART 2301C Drawing Fundamentals II 3 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2106C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs

### Sophomore Year - Spring
- ENC 1101 Composition I 3 hrs
- ENC 1102 Composition II 3 hrs
- ART 2051 History of Western Art II 3 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- ENC 1102 Composition II 3 hrs

### Freshman Year - Summer
- GEP Communication Foundation 3 hrs
- GEP Cultural & Historical Foundation 3 hrs

### Senior Year - Fall
- ART 2300C Drawing Fundamentals I 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2106C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs

### Senior Year - Spring
- ART 2203C Design Fundamentals-Three Dimensional 3 hrs
- ART 2301C Drawing Fundamentals II 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2106C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs

### Junior Year - Fall
- ARH 2050 History of Non-Western Art 3 hrs
- ART 3643C Digital Effects & Compositing 3 hrs
- DIG 3024 Digital Cultures & Narrative 3 hrs
- DIG 3480C Computer as a Medium 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 4735C Intermediate Animation 3 hrs
- DIG 4780C Modeling for Realtime Systems 3 hrs
- GRA 2101C Introduction to Computer Art 3 hrs

### Junior Year - Spring
- ARH 2051 History of Western Art II 3 hrs
- ART 3643C Digital Effects & Compositing 3 hrs
- DIG 3024 Digital Cultures & Narrative 3 hrs
- DIG 3480C Computer as a Medium 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 4735C Intermediate Animation 3 hrs
- DIG 4780C Modeling for Realtime Systems 3 hrs
- GRA 2101C Introduction to Computer Art 3 hrs

### Senior Year - Fall
- ARH 2050 History of Non-Western Art 3 hrs
- FIL 4735C Advanced Animation 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

### Senior Year - Spring
- ARH 2051 History of Western Art II 3 hrs
- ART 2823 Art as Interface 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- ENC 1102 Composition II 3 hrs
- GEP Social Foundation 3 hrs

### Experimental Animation
- ARH 2050 History of Western Art I 3 hrs
- ENC 1101 Composition I 3 hrs
- MAC 1105C College Algebra 3 hrs
- GEP Social Foundation 3 hrs
- GEP Social Foundation 3 hrs

### Faculty Year - Fall
- ARH 2051 History of Western Art II 3 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- ENC 1102 Composition II 3 hrs

### Faculty Year - Spring
- ARH 2051 History of Western Art II 3 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- ENC 1102 Composition II 3 hrs

### Faculty Year - Summer
- GEP Communication Foundation 3 hrs
- GEP Cultural & Historical Foundation 3 hrs
Sophomore Year - Summer  
Foreign Language Elementary Level I  4 hrs  
Foreign Language Elementary Level II  4 hrs  
Junior Year - Fall  
15 hrs  
ARH 2500  History of Non-Western Art  3 hrs  
DIG 3460C  Computer as a Medium  3 hrs  
GRA 3102C  Intermediate Graphic Design I  3 hrs  
GRA 3202C  Type & Design  3 hrs  
GRA 3950  Graphic Design Portfolio Application  0 hrs  
Any 2000-4000 Level Art Studio or Media Course  3 hrs  
Junior Year - Spring  
15 hrs  
DIG 4780C  Modeling for Realtime Systems  3 hrs  
GRA 3112C  Intermediate Graphic Design II  3 hrs  
GRA 3803C  Intermediate Computer Graphic Design  3 hrs  
Restricted Elective  3 hrs  
ARH Upper Level Restricted Elective  3 hrs  
Senior Year - Fall  
15 hrs  
DIG 3024  Digital Cultures & Narrative  3 hrs  
GRA 4196C  Advanced Graphic Design  3 hrs  
ARH Upper Level Restricted Elective  3 hrs  
Restricted Elective  3 hrs  
Restricted Elective  3 hrs  
Senior Year - Spring  
12 hrs  
DIG 3525  Digital Media Production I  3 hrs  
GRA 4107C  Special Problems in Graphic Design  3 hrs  
Restricted Elective  3 hrs  
ARH Upper Level Restricted Elective  3 hrs  
Program Academic Learning Compacts  
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:  
http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm  
Equipment Fees  
Part-Time Student: $31.50 per term  
Full-Time Student: $63 per term  
Art - History Track (B.A.)  
College of Arts and Humanities  
School of Visual Arts and Design,  
Visual Arts Building, Room: 117  
http://svad.cah.ucf.edu/  
Email: svadvising@ucf.edu  
Phone: 407-823-2676  
The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.  
Admission Requirements  
None  
Degree Requirements  
Students who change degree programs and select this major must adopt the most current catalog.  
Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design. Nine of these must be in an area of ARH specialization.  
Grades below “C” (2.0) in lower level courses do not satisfy major requirements.  
Co-op credit cannot be used in the major.  
Students should consult with a School advisor at least once annually.  
Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.  
1. UCF General Education Program (GEP)  
A: Communication Foundations  
B: Cultural & Historical Foundations  
Required ARH 2050  History of Western Art I  3 hrs  
Required ARH 2051  History of Western Art II  3 hrs  
Select a course from group B.1  3 hrs  
C: Mathematical Foundations  
Math:  
Suggested MGF 1106  Finite Mathematics or  3 hrs  
Suggested MGF 1107  Explorations in Mathematics or  3 hrs  
You may substitute a higher level math with appropriate scores on the Math Placement Exam.  
Statistics - Computers  
Select a course from GEP C.2 list  3 hrs  
D: Social Foundations  
E: Science Foundations  
2. Common Program Prerequisites (CPP)  
See “Common Prerequisites” in the Transfer and Transitions Services section for more information.  
ARH 2050  History of Western Art I  GEP  
ARH 2051  History of Western Art II  GEP  
ART 2201C  Design Fundamentals-Two Dimensional  3 hrs  
ART 2300C  Drawing Fundamentals I  3 hrs  
3. Core Requirements: Basic Level  
ARH 2500  History of Non-Western Art  3 hrs  
4. Core Requirements: Advanced Level  
ARH 4310  Italian Renaissance Art  3 hrs  
ARH 4430  19th Century Art  3 hrs  
ARH 4450  20th Century Art  3 hrs  
ARH 4500  Theory and Criticism of the Visual Arts  3 hrs  
ENC 3315  Argumentative Writing  3 hrs  
5. Restricted Electives  
Select one Non-Western/Ancient Art History course from the following:  
ARH 3670  20th Century Latin American Art  3 hrs  
ARH 4130  Greek Art and Architecture  3 hrs  
ARH 4150  Roman Art and Architecture  3 hrs  
ARH 4540  Art of India  3 hrs  
ARH 4653  Meso American Art  3 hrs  
One of the following courses:  
ARH 4200  Medieval Art  3 hrs  
ARH 4350  Baroque Art  3 hrs  
ARH 4871  Women in Art  3 hrs  
Select 18 additional hours from the following:  
ARH 3471  Art in the Last 25 Years  3 hrs  
ARH 3610  American Art  3 hrs  
ARH 3670  20th Century Latin American Art  3 hrs  
ARH 3710  History of Photography I  3 hrs  
ARH 3713  20th Century Photographic History  3 hrs  
ARH 3720  History of Prints  3 hrs  
ARH 3728  History of Illustration  3 hrs  
ARH 3820  Visual Arts Administration Vitas  3 hrs  
ARH 4130  Greek Art and Architecture  3 hrs  
ARH 4150  Roman Art and Architecture  3 hrs  
ARH 4200  Medieval Art  3 hrs  
ARH 4350  Baroque Art  3 hrs  
ARH 4352  Italian Baroque Art  3 hrs  
ARH 4653  Meso American Art  3 hrs  
ARH 4871  Women in Art  3 hrs  
ARH 5897  Advanced Seminar in Art History  3 hrs  
6. Capstone Requirements  
None  
7. Foreign Language Requirements  
Admissions  
Met by graduation requirement.
### Graduation
- Proficiency equivalent to three semesters of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies, German, French or Italian preferred, although other languages are acceptable with prior consent of advisor. Standardized examinations for foreign languages may be used to meet the requirement.

### 8. Electives
- Select primarily from upper level courses after meeting with a school advisor. Courses may be outside the department.

### 9. Additional Requirements
- None

### 10. Required Minors
- None

### 11. Departmental Exit Requirements
- Achieve at least a “C” (2.0) GPA average in courses in the major.
- Computer Competency met by one of the following:
  - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
  - GRA 2101C Introduction to Computer Art 3 hrs
  - ARH 3820 Visual Arts Administration Vitas 3 hrs

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### 1. Honors In Major
- None

### Related Programs
- Art Education
- Art - Studio Art Track
- Art - Visual Arts and Emerging Media Management

### Track Certificates
- None

### Related Minors
- Art - Studio
- Community Arts - PAVE

### Advising Notes
- [http://svad.cah.ucf.edu/students](http://svad.cah.ucf.edu/students)
- svadadvising@ucf.edu

### Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study

<table>
<thead>
<tr>
<th>Term</th>
<th>Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>15</td>
<td>ARH 2050 History of Western Art I 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENC 1101 Composition I 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEP Social Foundation 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEP Mathematical Foundation 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective 3 hrs</td>
</tr>
<tr>
<td>Fall</td>
<td>15</td>
<td>ARH 2051 History of Western Art II 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARH 2900 History of Non-Western Art 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENC 1102 Composition II 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEP Mathematical Foundation 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEP Social Foundation 3 hrs</td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td>15</td>
<td>ART 2201C Design Fundamentals-Two Dimensional 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENC 3315 Argumentative Writing 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARH Restricted Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEP Communication Foundation 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEP Science Foundation 3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>15</td>
<td>ARH 4300 19th Century Art 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARH (Non-Western/Ancient) 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARH Restricted Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Upper Level Elective 3 hrs</td>
</tr>
<tr>
<td><strong>Senior Year</strong></td>
<td>12</td>
<td>ARH 4800 Theory and Criticism of the Visual Arts 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Upper Level Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARH Restricted Elective 3 hrs</td>
</tr>
<tr>
<td><strong>Art - Studio Art Track (B.F.A.)</strong></td>
<td>15</td>
<td>ARH 4450 20th Century Art 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Upper Level Elective 3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ARH Restricted Elective 3 hrs</td>
</tr>
</tbody>
</table>

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oecs.ucf.edu/alc/academic_learning_compa.ts.htm](http://www.oecs.ucf.edu/alc/academic_learning_compa.ts.htm)

### Equipment Fees
- Part-Time Student: $31.50 per term
- Full-Time Student: $63 per term

### Art - Studio Art Track (B.F.A.)

**College of Arts and Humanities**

**School of Visual Arts and Design, Visual Arts Building, Room: 117**

**http://svad.cah.ucf.edu/**
**Email: svadadvising@ucf.edu**
**Phone: 407-823-2676**

The BFA degree prepares students for professional practices and is recommended for students who plan to attend graduate school. The BFA degree provides a solid foundation in techniques and theory in focused areas of competence. The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

### Admission Requirements
- All students in this program must satisfactorily complete the mandatory ART 3950-Portfolio Review before enrolling in upper division ART courses. This portfolio is typically submitted the semester prior to enrolling in upper division ART courses. The Spring review takes place in the first week of March. The Fall review takes place in the first week of October.
UCF Degree Programs

- Students unable to satisfactorily complete ART 3950-Portfolio Review may continue in the Art History or the Visual Art and Emerging Media Management tracks.
- Students may apply to the BFA Program as early as the first semester of their Junior year if they maintain a 3.0 overall average in upper level courses in the major.
- Students who do not meet these requirements may petition the BFA committee for acceptance.
- “C-” (1.75) or below grades from other institutions do not meet departmental requirements.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog by filing a catalog year change with their degree change form.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the School of Visual Arts and Design. Nine of these must be in an area of specialization.
- Grades below “C” (2.0) in lower level ART or ARH courses do not satisfy major requirements.
- BFA students must maintain a 3.0 GPA in all major requirements.
- Co-op credit cannot be used in the major.
- Students should consult with a School advisor, and an advisor in their studio specialization.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   - A: Communication Foundations (9 hrs)
   - B: Cultural & Historical Foundations (9 hrs)
   - Take all of the following: 9 hrs
     - Required ARH 2050 History of Western Art I and 3 hrs
     - Required ARH 2051 History of Western Art II and 3 hrs
     - Select a course from group B.1 3 hrs
   - C: Mathematical Foundations (6 hrs)
     - Prefer STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
     - Select 1: 3 hrs
       - Prefer MGF 1106 Finite Mathematics or 3 hrs
     - 1 Prefer MGF 1107 Explorations in Mathematics 3 hrs
   - 1 (may substitute a higher level math)

2. Social Foundations (6 hrs)

3. Science Foundations (6 hrs)

4. Common Program Prerequisites (CPP) (18 hrs)
   - ARH 2050 History of Western Art I GEP 3 hrs
   - ARH 2051 History of Western Art II GEP 3 hrs
   - ART 2201C Design Fundamentals-Two Dimensional 3 hrs
   - ART 2203C Design Fundamentals-Three Dimensional 3 hrs
   - ART 2300C Drawing Fundamentals I 3 hrs
   - ART 2301C Drawing Fundamentals II 3 hrs
   - GRA 2101C Introduction to Computer Art 3 hrs
   - Any ART prefix, studio, or media courses at the 2000-4000 levels
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information

3. Core Requirements: Basic Level (6 hrs)
   - ARH 2500 History of Non-Western Art 3 hrs
   - ART 2823 Art as Interface 3 hrs

4. Core Requirements: Advanced Level
   - ART 3950 Portfolio Review 0 hrs

5. Restricted Electives: (42 hrs)
a. Specialization: (18 hrs)
   - Select six upper division courses from one area:

   Book Arts
   - ART 3170C Book Binding or 3 hrs
   - ART 3171C Materials for Artist Books or 3 hrs

   Ceramics/Sculpture Combination
   - ART 3761C Intermediate Ceramics or 3 hrs
   - ART 3764C Ceramic Handbuilding I or 3 hrs
   - 1 ART 4783C Advanced Ceramics or 3 hrs
   - ART 4786C Ceramic Raw Material or 3 hrs
   - ART 3709C Intermediate Sculpture or 3 hrs
   - 1 ART 4710C Advanced Sculpture 3 hrs

   Design
   - ART 3332C Intermediate Drawing or 3 hrs
   - 1 ART 4320C Advanced Drawing 3 hrs

   Drawing/Printmaking Combination
   - ART 3332C Intermediate Drawing or 3 hrs
   - 1 ART 4320C Advanced Drawing or 3 hrs
   - ART 3433C Screenprinting or 3 hrs
   - 1 ART 4402C Advanced Printmaking 3 hrs

   Drawing/Illustration Combination
   - ART 3332C Intermediate Drawing or 3 hrs
   - 1 ART 4320C Advanced Drawing or 3 hrs
   - GRA 3747C Intermediate Illustration I or 3 hrs
   - 1 GRA 4154C Advanced Illustration 3 hrs

   Photography
   - ART 3504C Intermediate Painting or 3 hrs
   - 1 ART 4505C Advanced Painting 3 hrs
   - PGY 3410C Intermediate Photography or 3 hrs
   - 1 PGY 4420C Advanced Photography or 3 hrs
   - PGY 4440C Special Problems in Photography 3 hrs

   1 May be repeated for credit.

b. Electives in Art: 15 hrs
   - Select five Art courses; two of which may be lower division. Select from at least three of the following areas, excluding the area of specialization: Book Arts, Ceramics, Drawing, Illustration, Painting, Photography, Printmaking, Sculpture, and Special Topics Studio Courses.

c. Additional Electives 9 hrs
   - Select three upper division Art History courses or
   - Select one upper division course in Art History or Humanities and a maximum of six hours of Independent Study, Practicum, and Internship are permitted.

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   - None

Admissions
   - Met by graduation requirement

Graduation
   - Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for languages may be used to meet the requirement.

8. Electives
   - Select primarily from upper level courses, with school advisor’s approval. May be outside of the department.

9. Additional Requirements
   - None

10. Required Minors
    - None

11. Departmental Exit Requirements (3 hrs)
    - ART 4935 BFA Exhibit/Seminar required. (BFA Exhibit Seminar is only offered during Spring Semester.)
Sophomore Year - Spring 15 hrs

Junior Year - Fall 13 hrs
ART 3950 Portfolio Review 0 hrs
ARH Upper Level Restricted Elective 3 hrs
Foreign Language Elementary Level I 4 hrs
Specialization Restricted Elective 3 hrs
Any 2000-4000 Level Art Studio or Media Course 3 hrs

Junior Year - Spring 16 hrs
ARH Upper Level Restricted Elective 3 hrs
Foreign Language Elementary Level II 4 hrs
Restricted Elective 3 hrs
Specialization Restricted Elective 3 hrs
Specialization Restricted Elective 3 hrs
Upper Level Restricted Elective 3 hrs

Senior Year - Fall 18 hrs
ARH Upper Level Restricted Elective 3 hrs
Restricted Elective 3 hrs
Specialization Restricted Elective 3 hrs
Specialization Restricted Elective 3 hrs
Upper Level Restricted Elective 3 hrs

Senior Year - Spring 15 hrs
ART 4935 BFA Exhibit/Seminar 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Specialization Restricted Elective 3 hrs
Upper Level Elective 3 hrs

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeps.ucf.edu/alcacademic_learning_compacts.htm

Equipment Fees
Part-Time Student: $31.50 per term
Full-Time Student: $63 per term

Art - Studio Track (B.A.)
College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

Note: Although the School maintains a computer lab for student use, students must have continual access to a laptop computer. Contact the School for the minimum hardware and software specifications. The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

Admission Requirements
All students in this program must satisfactorily complete the mandatory ART 3950 - Portfolio Review before enrolling in upper division ART courses. This portfolio is typically submitted the semester prior to enrolling in upper division ART courses. The Spring review takes place the first week of March. The Fall review takes place the first week of October.
Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements
Students who change degree programs and select this major must adopt the most current catalog.
Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the School of Visual Arts and Design. Nine of these hours must be in an area of specialization.
UCF Degree Programs

- Grades below "C" (2.0) in lower level ART and ARH courses do not satisfy major requirements.
- Co-op credit cannot be used in the major.
- Students should consult with a School advisor at least once annually.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   Required ARH 2050 History of Western Art I 3 hrs
   Required ARH 2051 History of Western Art II 3 hrs
   Select a course from group B.1 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   Required ARH 2050 History of Western Art I 3 hrs
   Required ARH 2051 History of Western Art II 3 hrs
   Select a course from group B.1 3 hrs

   C: Mathematical Foundations (6 hrs)
   Math: 6 hrs
   Suggested MGF 1106 Finite Mathematics or 3 hrs
   Suggested MGF 1107 Explorations in Mathematics or 3 hrs
   You may substitute a higher level math with appropriate scores on the Math Placement Test.

   Statistics - Computers 3 hrs
   Select a course from GEP C.2 list 3 hrs

   D: Social Foundations (6 hrs)

   E: Science Foundations (6 hrs)

   2. Common Program Prerequisites (CPP) (18 hrs)
   ARH 2050 History of Western Art I GEP
   ARH 2051 History of Western Art II GEP
   ART 2201C Design Fundamentals-Two Dimensional 3 hrs
   ART 2203C Design Fundamentals-Three Dimensional 3 hrs
   ART 2300C Drawing Fundamentals I 3 hrs
   ART 2301C Drawing Fundamentals II 3 hrs
   GRA 2101C Introduction to Computer Art 3 hrs
   Any ART 2XXX-4XXX studio or media course. 3 hrs

   3. Core Requirements: Basic Level (6 hrs)
   ARH 2500 History of Non-Western Art 3 hrs
   ART 2823 Art as Interface 3 hrs
   ART 3950 Portfolio Review 0 hrs

   4. Core Requirements: Advanced Level
   - None

   5. Restricted Electives (27 hrs)
   - Select nine upper division courses representative from at least three different areas:

   Art History
   Any upper-level ARH course(s)

   Book Arts
   ART 3170C Book Binding 3 hrs
   ART 3171C Materials for Artist Books 3 hrs
   ART 3175C Advanced Issues in Contemporary Book Arts 3 hrs
   ART 3176C The Illuminated Book 3 hrs
   1 ART 3737C Narrative Sculpture 3 hrs
   ART 4172C Book Repair and Restoration 3 hrs
   ART 4173C The Artist Book 3 hrs
   ART 4174C The Printed Book 3 hrs
   ART 4177C Commercial Book Design and Publishing 3 hrs
   1 ART 4644C Books Without Books 3 hrs
   1 May be repeated for credit.

   Ceramics
   ART 3761C Intermediate Ceramics 3 hrs
   1 ART 4783C Advanced Ceramics 3 hrs
   1 May be repeated for credit.

   Drawing and Printmaking
   ART 3332C Intermediate Drawing 3 hrs
   ART 3433C Screenprinting 3 hrs
   1 ART 4320C Advanced Drawing 3 hrs
   1 ART 4402C Advanced Printmaking 3 hrs
   1 May be repeated for credit.

   Illustration
   GRA 3747C Intermediate Illustration I 3 hrs
   1 GRA 4154C Advanced Illustration 3 hrs
   1 May be repeated for credit.

   Painting
   ART 3504C Intermediate Painting 3 hrs
   1 ART 4505C Advanced Painting 3 hrs
   1 May be repeated for credit.

   Photography
   PGY 3410C Intermediate Photography 3 hrs
   1 PGY 4420C Advanced Photography 3 hrs
   PGY 4440C Special Problems in Photography 3 hrs
   1 May be repeated for credit.

   Sculpture
   ART 3709C Intermediate Sculpture 3 hrs
   1 ART 4710C Advanced Sculpture 3 hrs
   1 May be repeated for credit.

   Time Arts
   ART 3161 Mixed Media 3 hrs
   ART 3833C Processes and Ideas in Art 3 hrs
   ART 4634C Web Art 3 hrs
   1 FIL 4735C Advanced Animation 3 hrs
   1 FIL 4790C Animation Workshop 3 hrs
   1 May be repeated for credit.

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   - Met by graduation requirement.

8. Electives
   - Select primarily from upper level courses, with school advisor’s approval. May be outside of the school. (A maximum of six hours of Independent Study, Directed Research, or Internship permitted.)

9. Additional Requirements
   - None

10. Required Minors
   - None

11. Departmental Exit Requirements
   - Achieve at least a GPA (2.0) overall in courses within the major.
   - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

12. University Minimum Exit Requirements
   - A 2.0 UCF GPA
   - 60 semester hours earned after CLEP awarded
   - 48 semester hours of upper division credit completed
   - 30 of the last 39 hours of course work must be completed in residency at UCF.
   - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Art Education
- Art - Emerging Media Track

Certificates
- None

UNIVERSITY OF CENTRAL FLORIDA 134 Undergraduate Catalog 2014-2015
Full-Time Student: $63 per term
Part-Time Student: $31.50 per term

Plan of Study
For common program prerequisites if taken. may be substituted with:

Acceptable Substitutes for Transfer Courses
Acceptable Substitutes for Transfer Courses

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oecs.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
Part-Time Student: $31.50 per term
Full-Time Student: $63 per term

Advising Notes
Advising Notes

Transfer Notes
Lower division courses do not substitute for upper division courses.
Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Related Minors
Digital Media

Related Minors

Admission Requirements
Admission Requirements

Universal Requirements
Universal Requirements

Required Core Courses
Required Core Courses

Major Requirements
Major Requirements

Admission Requirements
None

Degree Requirements

Art - Visual Arts and Emerging Media Management
Track (B.A.)
College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models. Note: Although the school maintains a computer lab for student use, majors must have continual access to a computer. Contact the program for the minimum hardware and software specifications.

Admission Requirements

None

Degree Requirements

Art - Visual Arts and Emerging Media Management
Track (B.A.)
College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models. Note: Although the school maintains a computer lab for student use, majors must have continual access to a computer. Contact the program for the minimum hardware and software specifications.

Admission Requirements

None

Degree Requirements

Art - Visual Arts and Emerging Media Management
Track (B.A.)
College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models. Note: Although the school maintains a computer lab for student use, majors must have continual access to a computer. Contact the program for the minimum hardware and software specifications.

Admission Requirements

None

Degree Requirements

Art - Visual Arts and Emerging Media Management
Track (B.A.)
College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models. Note: Although the school maintains a computer lab for student use, majors must have continual access to a computer. Contact the program for the minimum hardware and software specifications.
UCF Degree Programs

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

1 See Transfer Notes for possible substitutes

3. Core Requirements: Basic Level (6 hrs)
   - ART 2823 Art as Interface 3 hrs
   - ARH 2500 History of Non-Western Art 3 hrs

4. Core Requirements: Advanced Level (3 hrs)
   - GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
   - ART 3950 Portfolio Review 0 hrs

1 Only required if the student intends to enroll in courses that require this as a pre-requisite.

5. Restricted Electives (21 hrs)
   - Select restricted electives as required from each of these four areas of emphasis:
     Aesthetics and Theory 6 hrs
     Select 2: 6 hrs
     - ARH 4450 20th Century Art or 3 hrs
     - ARH 3710 History of Photography I or 3 hrs
     - ARH 3711 History of Photography II or 3 hrs
     - ARH 3720 History of Prints or 3 hrs
     - ARH 4800 Theory and Criticism of the Visual Arts or 3 hrs
     - PHI 3800 Aesthetics 3 hrs

Written Communication 3 hrs
   - Select 1: 3 hrs
     - DIG 3024 Digital Cultures & Narrative or 3 hrs
     - ENC 3241 Writing for the Technical Professional or 3 hrs
     - ENC 3250 Professional Writing or 3 hrs
     - ENC 3311 Essay as Cultural Commentary or 3 hrs
     - ENC 4416 Writing in Digital Environments 3 hrs

Information Management 6 hrs
   - Select 2: 6 hrs
     - DIG 3043 Evolution of Video Games or 3 hrs
     - DIG 3525 Digital Media Production I or 3 hrs
     - DIG 3480C Computer as a Medium or 3 hrs
     - DIG 3563 Information Management and Entrepreneurship or 3 hrs
     - DIG 3716C Internet Interaction or 3 hrs
     - DIG 4630C Media Business Practices or 3 hrs
     - DIG 5565C Digital Asset Management Systems or 3 hrs
     - FIL 4040 Animation Film History for Non Film Majors 3 hrs

1 These courses may also be applied toward an 18 credit Minor in Technological Entrepreneurship.

Business 3 hrs
   - Select 1: 3 hrs
     - GEB 3113 Creativity and Entrepreneurship or 3 hrs
     - MAR 3023 Marketing or 3 hrs
     - MAN 3025 Management of Organizations or 3 hrs
     - BUL 3130 Legal and Ethical Environment of Business 3 hrs

1 These courses may also be applied toward an 18 credit Minor in Technological Entrepreneurship.

Arts Management 3 hrs
   - Select one:
     - FIL 5612 Film and Internet Business 3 hrs
     - ARE 3944 Community Arts Practicum 3 hrs
     - ARE 4260 Methods in Art Administration 3 hrs
     - ARH 3820 Visual Arts Administration Vitas 3 hrs
     - FIL 4647 Film Production Management 3 hrs
     - PGY 3480 Museum and Gallery Practices 3 hrs

6. Capstone Requirements
   - DIG 4855 Converging Media Capstone 3 hrs

7. Foreign Language Requirements

Admissions
   - Met by graduation requirement

Graduation
   - Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

UNIVERSITY OF CENTRAL FLORIDA

136 Undergraduate Catalog 2014-2015
**Art Education (B.S.)**

**College of Education and Human Performance**

**School of Teaching, Learning, and Leadership,**

**Education Building, Room: 209**

**http://education.ucf.edu/arted**

Dr. Thomas Brewer, ED 122U, Thomas.Brewer@ucf.edu, 407-823-3714  
Dr. Janet Andreassen, ED 123Q, Janet.Andreassen@ucf.edu, 407-823-5430

The Art Education B.S. program offers students the option of two tracks: Art Education - Education Track and Art Education - Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, K-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

**Admission Requirements**

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses and Other Program Prerequisites with a minimum letter grade of “C-” (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

**Degree Requirements**

- Students should see an advisor prior to registering for classes
- The courses designated in 1. (General Education), 2. (Education Common Program Prerequisites), and 3. (Other Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

1. **UCF General Education Program (GEP) (36 hrs)**

   - Students are strongly advised to take the preferred courses.
   - **A: Communication Foundations (9 hrs)**
     - Required ENC 1101 Composition I 3 hrs
     - Required ENC 1102 Composition II 3 hrs
     - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
   - **B: Cultural & Historical Foundations (9 hrs)**
     - Prefer AMH 2010 U.S. History: 1492-1877 3 hrs
     - Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
     - 1 Required ARH 2050 History of Western Art I 3 hrs
   - **C: Mathematical Foundations (6 hrs)**
     - Prefer MGF 1106 Finite Mathematics 3 hrs
   - **D: Social Foundations (6 hrs)**
     - Prefer POS 2041 American National Government 3 hrs
     - Prefer PSY 2012 General Psychology 3 hrs
   - **E: Science Foundations (6 hrs)**
     - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

Select 1:

- **Select 1: 3 hrs**
- Prefer ANT 2511 The Human Species or 3 hrs
- Prefer BSC 1005 Biological Principles 3 hrs

2. **Common Program Prerequisites (CPP) (24 hrs)**

   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - **EDF 2005 Introduction to the Teaching Profession 3 hrs**
   - **EDF 2085 Introduction to Diversity for Educators 3 hrs**
   - **EMS 2040 Introduction to Technology for Educators 3 hrs**
   - **ART 2300C Drawing Fundamentals I 3 hrs**
   - **ART 2201C Design Fundamentals-Two Dimensional 3 hrs**
   - **ART 2203C Design Fundamentals-Three Dimensional 3 hrs**
   - **ART 2301C Drawing Fundamentals II 3 hrs**
   - **ARH 2050 History of Western Art I GEP**
   - **ARH 2051 History of Western Art II 3 hrs**

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. **Core Requirements: Basic Level (12 hrs)**

   - Education Track requires 12 semester hours
   - Lifelong Learning Track requires 18 semester hours

   - **ARH 2050 History of Western Art I GEP**
   - **ART 2051 History of Western Art II CPP**
   - **ART 2201C Design Fundamentals-Two Dimensional CPP**
   - **ART 2203C Design Fundamentals-Three Dimensional CPP**
   - **ART 2300C Drawing Fundamentals I CPP**
   - **ART 2301C Drawing Fundamentals II CPP**
   - **GRA 2101C Introduction to Computer Art 3 hrs**
   - **ART 2754C Beginning Ceramics 3 hrs**
   - **ART 2500C Beginning Painting 3 hrs**
   - **PGY 2401C Beginning Photography 3 hrs**
Education Track Specialization Requirements 24 hrs

Education Core Requirements 15 hrs

- Education Track requires 15 semester hours of Education Core Requirements
- Lifelong Learning Track requires 18 semester hours of Education Core Requirements

Education Core Requirements

- EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
- TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

Lifelong Learning Track EEX 4212 Teaching Exceptional Students in the Classroom 3 hrs

Prerequisite for Internship I (Education Track Only)

Education Track Specialization Requirements 24 hrs

ARE 4356 Teaching Art Appreciation & Criticism in the Classroom 3 hrs
- ARE 4351 Teaching Art in the Elementary School 3 hrs
- ARE 4352 Teaching Art in the Secondary School 3 hrs
- ARE 4453 Studio Experiences in Art Education 3 hrs
- Any 3000 or 4000 level ART, ARE, ARH, PGT (with advisor’s approval) 9 hrs

Internship I 3 hrs

Prior to Internship I, the student must have completed EDG 4410 Teaching Strategies and Classroom Management and at least 50% of all required art courses indicated above with a letter grade of “C-” (1.75) or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.

Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended during the first semester and before application to Internship I.

Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.

Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexper/ ARE 3940 Internship 3 hrs

Internship II 12 hrs

- All art courses and all methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.
- Passing scores on all sections [General Knowledge, Professional, and Subject Area (Art K-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
- Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexper/
- Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education rule 6A-5.066.
- ARE 4941 Internship 12 hrs

Lifelong Learning Track Specialization 24 hrs

Requirements

- Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
- A grade of “C-” (1.75) or better is required
- Must have a total of 48 or more hours of upper level courses to graduate.

ARE 4356 Teaching Art Appreciation & Criticism in the Classroom 3 hrs
- ARE 4351 Teaching Art in the Elementary School 3 hrs
- ARE 4250 Art for Exceptionalities 3 hrs
- ARE 4352 Teaching Art in the Secondary School 3 hrs
- ARE 4453 Studio Experiences in Art Education 3 hrs
- EDG 4941 Directed Field Experience 1 hr
- EDG 4948 Service Learning 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2109C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs
- DIG 3811 User-Centered Design 3 hrs
- DEP 2004C Developmental Psychology 3 hrs
- DEP 3002 Psychology of Exceptional Children 3 hrs
- DEP 3464 Psychology of Aging 3 hrs
- EXP 3604C Cognitive Psychology 4 hrs
- EXP 3250 Principles of Human Factors Psychology 3 hrs
- EAB 3703C Principles of Behavior Modification 4 hrs
- MAN 3025 Management of Organizations 3 hrs
- MAN 4101 Human Relations in Management 3 hrs
- MAR 3023 Marketing 3 hrs
- ECT 4184 Curriculum Development Techniques for Industry Training 3 hrs
- HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
- HFT 2750 The Event Industry 3 hrs
- HFT 3798 Fairs and Festivals 3 hrs
- HFT 4754 Exhibit and Trade Show Operations 3 hrs

5. Restricted Electives
- None

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- State University System foreign language admission: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school)

Graduation
- Education Track requires 126 total semester hours
- Lifelong Learning Track requires 120 semester hours

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Achieve a minimum 2.5 GPA in all courses within the major.
Sophomore Year - Summer 6 hrs

Sophomore Year - Spring 15 hrs

Education Track
- Pass all applicable sections of the Florida Teacher Certification Examination.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- Education Track requires 126 total semester hours
- Lifelong Learning Track requires 120 semester hours
- Consult with your Education advisor and review your degree audit for more recent information.

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- The program of study will be affected by course offerings and availability. Please see the Art Education Web site at http://education.ucf.edu/arted/ for the advising policy.

Freshman Year - Fall 15 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
- ENC 1101 Composition I 3 hrs
- MGF 1106 Finite Mathematics 3 hrs
- ARH 2050 History of Western Art I 3 hrs
- PSY 2012 General Psychology 3 hrs

Freshman Year - Spring 12 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
- ARH 2051 History of Western Art II 3 hrs
- ENC 1102 Composition II 3 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs

Freshman Year - Summer 6 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- PSC 1121 Physical Science 3 hrs

Sophomore Year - Fall 12 hrs
- ART 2203C Design Fundamentals-Three Dimensional 3 hrs
- BSC 1005 Biological Principles 3 hrs
- EDF 2005 Introduction to the Teaching Profession 3 hrs

Select 1:
- STA 2014C Principles of Statistics or 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

Sophomore Year - Spring 15 hrs
- GRA 2101C Introduction to Computer Art 3 hrs
- ART 2300C Drawing Fundamentals I 3 hrs
- EDF 2065 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs
- POS 2041 American National Government 3 hrs

Sophomore Year - Summer 6 hrs
- TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
- Students in Schools
- ART 2301C Drawing Fundamentals II 3 hrs

Junior Year - Fall 15 hrs
- PGY 2401C Beginning Photography 3 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs
- EDF 4410 Teaching Strategies and Classroom Management 3 hrs
- ART 2500C Beginning Painting 3 hrs

Education Track
- ARE 4355 Teaching Art Appreciation & Criticism in the Classroom 3 hrs

Lifelong Learning Track
- Choose a Lifelong Learning Specialization course 3 hrs

Junior Year - Spring 15 hrs
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

Education Track
- ARE 4352 Teaching Art in the Secondary School and 3 hrs
- ARE 4250 Art for Exceptionalities and 3 hrs
- ARE 4453 Studio Experiences in Art Education and 3 hrs
- Restricted Elective (Any ARE/ARH/ART/PGY 3/4XXX w/ Advisor approval) 3 hrs

Lifelong Learning Track
- MHS 2330 Career Planning and 3 hrs
- EEX 4242 Teaching Exceptional Students in Secondary Settings and 3 hrs
- Choose a Lifelong Learning Specialization course 3 hrs

Lifelong Learning Track Select 1:
- 1 EDF 2130 Child and Adolescent Development for Educators or 3 hrs
- EDP 2270 Adult Development & Learning 3 hrs

1 Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

Junior Year - Summer 6 hrs
- ART 2754C Beginning Ceramics 3 hrs

Education Track
- Restricted Elective (Any ARE/ARH/ART/PGY 3/4XXX w/ Advisor approval) 3 hrs

Lifelong Learning Track
- Choose a Lifelong Learning Specialization course 3 hrs

Senior Year - Fall 12 hrs
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs

Education Track
- ARE 4351 Teaching Art in the Elementary School and 3 hrs
- ARE 3940 Internship and 3 hrs
- Restricted Elective (Any ARE/ARH/ART/PGY 3/4XXX w/ Advisor approval) 3 hrs

Lifelong Learning Track
- Choose Lifelong Learning Specialization courses 9 hrs

Senior Year - Spring 12 hrs
- ARE 4941 Internship 12 hrs

Lifelong Learning Track
- Choose Lifelong Learning Specialization courses 6 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $12 per term
- Full-Time Student: $24 per term
UCF Degree Programs

Athletic Training (B.S.)
College of Health and Public Affairs
Department of Health Professions, Health and Public Affairs II, Room: 118/119
http://www.cohpa.ucf.edu/athletictraining
Email: atinfo@ucf.edu
Kristen C. Schellhase
Phone: 407-823-2747

Admission Requirements
▲ Students may only begin the athletic training program track in the Summer B semester and must have:
▲ A separate application to this competitive restricted access program must be made to the Program in Athletic Training by March 1st. Acceptance into the university for the summer semester is necessary before acceptance into the Program in Athletic Training can occur. Acceptance into the University does not constitute admission into the Program in Athletic Training.
▲ A minimum of 2.75 overall grade point average and a minimum grade of “C” (2.0) in program prerequisites.
▲ Completion of an AA degree from a Florida College or completion of UCF’s General Education Program.
▲ This program is work-intensive and courses include clinical practice in a variety of settings. Due to this intensity, it is strongly recommended that students be at least one year post high school prior to applying to the program. Students with concerns or questions should contact the program to schedule an appointment with an advisor.
▲ Consent of Program Director.
▲ A minimum of 100 documented clock hours working, volunteering, or shadowing with a licensed certified athletic trainer (ATC) prior to application. At least 50 of these hours must be obtained within a high school, college, and/or professional setting.

Technical Standards Requirement
▲ The Program in Athletic Training at the University of Central Florida is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of the program’s accrediting agency (Commission on Accreditation of Athletic Training Education [CAATE]). The following abilities and expectations must be met by all students admitted to the Program in Athletic Training. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program. Compliance with the program’s technical standards does not guarantee a student’s eligibility for the BOC examination.
▲ Candidates for selection to the Program in Athletic Training will be required to verify they understand and meet these technical standards or they believe that, with certain accommodations, they can meet the standards.
▲ The University of Central Florida will evaluate a student who states he/she could meet the program’s technical standards with accommodation and confirm that the stated condition qualifies as a disability under applicable laws. If a student states he/she can meet the technical standards with accommodation, then the University will determine whether it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review of whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety, or the educational process of the student or the institution, including all coursework, clinical experiences and internship deemed essential to graduation. Each candidate must provide a copy of a recent physical examination by a physician.
▲ The technical standards for admission into the Program in Athletic Training include:
▲ The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm;
▲ Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients;
▲ The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice;
▲ The ability to record the physical examination results and a treatment plan clearly and accurately;
▲ The capacity to maintain composure and continue to function well during periods of high stress;
▲ The perseverance, diligence and commitment to complete the athletic training education program as outlined and sequenced;
▲ Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations; and
▲ Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Degree Requirements
▲ Students who are accepted into the Program in Athletic Training must adopt the most current catalog
▲ Students should complete the General Education Program, Admission Foreign Language requirement and the Common Program Prerequisites before transferring within the Florida College System or State University System
▲ Students should consult with a departmental advisor
▲ Accepted students must agree to be available for practicum requirements which may occur during times and days which are outside of the UCF Academic Calendar; once admitted into the Program in Athletic Training, students must consult the Clinical Education Coordinator and/or Program Director well in advance of any potential scheduling conflicts
▲ The courses designated in sections 1 and 2 below may be taken at a Florida College, and should usually be completed in the first 60 hours.
▲ UCF Residency Requirement: 30 hours

1. UCF General Education Program (GEP) (38 hrs)
A: Communication Foundations (9 hrs)
Suggested SPC 1608 Fundamentals of Oral Communication 3 hrs
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
Required STA 2023 Statistical Methods I 3 hrs
Suggested MAC 1114C College Trigonometry 3 hrs
D: Social Foundations (6 hrs)
Suggested POS 2041 American National Government 3 hrs
Required PSY 2012 General Psychology 3 hrs
E: Science Foundations (8 hrs)
Required BSC 2010C Biology I 4 hrs
Select 1: 3 hrs
Suggested CHM 1032 General Chemistry or 3 hrs
Suggested CHM 2045C Chemistry Fundamentals I 4 hrs
2. Common Program Prerequisites (CPP) (15 hrs)
   - The following courses are required before entering the professional phase of the Program in Athletic Training. Each of the required courses must have a grade of a “C” (2.0) or better.
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

   BSC 2010C Biology I GEP
   ZOO 3733C Human Anatomy 4 hrs
   PCB 3703C Human Physiology 4 hrs
   HUN 2201 Fundamentals of Human Nutrition 3 hrs
   STA 2023 Statistical Methods I GEP
   PSY 2012 General Psychology GEP

Select 1: 4 hrs
   - One of the following courses must be taken as a prerequisite or co-requisite to core requirements:
     PHY 2053C College Physics I or
     PHY 2048C Physics for Engineers & Scientists I 4 hrs

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level (62 hrs)
   Professional Phase
   - The following courses are required to complete the professional phase of the Program in Athletic Training. Each of the required courses must have a grade of “C” (2.0) or better.
     ATR 4014C Principles of Athletic Training Lab 3 hrs
     ATR 3102 Principles of Athletic Training 3 hrs
     ATR 3012C Clinical Skills for Athletes I 3 hrs
     ATR 3812L Practicum in Athletic Training I 4 hrs
     ATR 3212C Recognition and Evaluation of Athletic Injuries I 3 hrs
     PET 4315C Biomechanics of Sport 3 hrs
     ATR 3822L Practicum in Athletic Training II 4 hrs
     ATR 4213C Recognition and Evaluation of Athletic Injuries II 3 hrs
     ATR 3013C Clinical Skills for Athletic Training II 3 hrs
     ATR 4313C Therapeutic Exercise in Athletic Training 4 hrs
     ATR 4302C Therapeutic Modalities in Athletic Training 4 hrs
     ATR 4512C Organization and Administration of Athletic Training 3 hrs
     PET 3510C Physiologic & Metabolic Basis of Human Movement & Performance 3 hrs
     ATR 4315C Advanced Rehabilitation in Athletic Training 3 hrs
     ATR 4832L Practicum in Athletic Training III 4 hrs
     PET 4606 Applied Fitness in Sport 3 hrs
     ATR 4842L Practicum in Athletic Training IV 4 hrs
     ATR 4103 Case Studies in Sports Medicine 3 hrs
     ATR 4933 Athletic Training Seminar 1 hr
     ATR 4112L Acute Care in Athletic Training 1 hr

5. Restricted Electives
   - None

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   Admissions
   - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
   Graduation
   - None

8. Electives
   - Suggested electives relate to Health Sciences, Business, Education, Health Services Administration, Health Informatics and Information Management, Psychology, and Sport and Exercise Science.

9. Additional Requirements
   - None

10. Required Minors
    - None

11. Departmental Exit Requirements
    - A minimum overall GPA of 2.75 and a minimum grade of “C” (2.0) in prerequisite and major courses are required for graduation from the Program in Athletic Training.
    - The program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Graduates are eligible to apply to take the Board of Certification (BOC) examination. The examination application requirements include criteria related to criminal history and academic disciplinary history. Applicants to the Program in Athletic Training are encouraged to investigate these requirements before beginning the Program in Athletic Training.

12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be completed in residency at UCF.
    - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students should consult with a faculty advisor.

Related Programs
- Sport and Exercise Science
- Health Services Administration
- Health Informatics and Information Management
- Health Sciences - Pre-Clinical Track

Certificates
- None

Related Minors
- Courses leading to a teaching certificate (education) are also appropriate. Electives in advanced scientific, clinical or quantitative subjects are also advisable.
- Business
- Aging Studies
- Biology
- Coaching
- Fitness Training
- Health Informatics and Information Management
- Health Sciences
- Health Services Administration
- Public Administration
- Education
- Sport Business Management

Advising Notes
- Students should consult a departmental advisor regarding chemistry selection. CHM 2045 is the preferred chemistry course for students who intend to apply to graduate professional healthcare programs (e.g., physical therapy, physician assistant, medical).

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- Human Anatomy and Physiology I & II (BSC X093 and X094 or BSC X085 and X086)
- Biology I with Lab (BSC 1010 and BSC 1010L)
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.
UCF Degree Programs

Plan of Study

Freshman Year - Fall 15 hrs
ENC 1101  Composition I  3 hrs
PSY 2012  General Psychology  3 hrs
HSC 2000  Introduction to the Allied Health Professions  2 hrs
MAC 1105C  College Algebra  3 hrs
1 CHM 2045C  Chemistry Fundamentals I  4 hrs

Freshman Year - Spring 13 hrs
ENC 1102  Composition II  3 hrs
POS 2041  American National Government  3 hrs
BSC 2010C  Biology I  4 hrs
MAC 1114C  College Trigonometry  3 hrs

Sophomore Year - Fall 14 hrs
PHY 2033C  College Physics I  4 hrs
ZOO 3733C  Human Anatomy  4 hrs
STA 2023  Statistical Methods I  3 hrs
Select 1:  3 hrs
EHU 2000  Western Civilization I or  3 hrs
HUM 2210  Humanistic Tradition I or  3 hrs
AMH 2010  U.S. History: 1492-1877 or  3 hrs
WOH 2012  World Civilization I  3 hrs

Sophomore Year - Spring 16 hrs
HUN 2201  Fundamentals of Human Nutrition  3 hrs
PCB 3703C  Human Physiology  4 hrs
SFC 1608  Fundamentals of Oral Communication  3 hrs
Select 1:  3 hrs
MUL 2010  Enjoyment of Music or  3 hrs
REL 2300  World Religions or  3 hrs
THE 2000  Theatre Survey or  3 hrs
PHI 2010  Introduction to Philosophy  3 hrs
Select 1:  3 hrs
EHU 2001  Western Civilization II or  3 hrs
HUM 2230  Humanistic Tradition II or  3 hrs
AMH 2020  U.S. History: 1877-Present or  3 hrs
WOH 2022  World Civilization II  3 hrs

Sophomore Year - Summer 6 hrs
ATR 4112L  Practicum in Athletic Training II  4 hrs
ATR 3102  Principles of Athletic Training  3 hrs
Foreign Language (If not satisfied in high school)  4 hrs

Junior Year - Fall 10 hrs
ATR 3812L  Practicum in Athletic Training I  4 hrs
ATR 3012C  Clinical Skills for Athletic Trainers I  3 hrs
ATR 3212C  Recognition and Evaluation of Athletic Injuries I  3 hrs
Free Elective (if needed to maintain full-time status)  3 hrs

Junior Year - Spring 13 hrs
PET 4315C  Biomechanics of Sport  3 hrs
ATR 3822L  Practicum in Athletic Training II  4 hrs
ATR 4213C  Recognition and Evaluation of Athletic Injuries II  3 hrs
ATR 3013C  Clinical Skills for Athletic Training II  3 hrs

Junior Year - Summer 8 hrs
ATR 4313C  Therapeutic Exercise in Athletic Training  4 hrs
ATR 4302C  Therapeutic Modalities in Athletic Training  4 hrs

Senior Year - Fall 13 hrs
ATR 4512C  Organization and Administration of Athletic Training  3 hrs
PET 3510C  Physiologic & Metabolic Basis of Human Movement & Performance  3 hrs
ATR 4315C  Advanced Rehabilitation in Athletic Training  3 hrs
ATR 4832L  Practicum in Athletic Training III  4 hrs

Senior Year - Spring 12 hrs
ATR 4933  Athletic Training Seminar  1 hr
PET 4806  Applied Fitness in Sport  3 hrs
ATR 4842L  Practicum in Athletic Training IV  4 hrs
ATR 4103  Case Studies in Sports Medicine  3 hrs
ATR 4112L  Acute Care in Athletic Training  1 hr

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oears.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $19.50 per term
- Full-Time Student: $39 per term

Biology (B.S.)

College of Sciences

Department of Biology, BL, Room: 301
http://www.cos.ucf.edu/biology
Email: biology@ucf.edu
Frank Logiudice
Phone: 407-823-2141

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- No credit by exam (TSD, Military credit) may be used for the major.
- Co-op or internship credit cannot be used in this major
- Departmental Residency Requirement consists of at least 22 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Biology.
- Students seeking a double major must satisfy the requirements for both majors and must take no fewer than 40 semester hours of upper division restricted elective course work appropriate to the combined areas of specialization in the two majors.
- Courses designated in 2 (Common Program Prerequisites) and 3 (Core Requirements) are usually completed in the first 60 hours.
- Biology majors must earn a “C” (2.0) or better in all Core courses with a BSC or PCB prefix in order to satisfy the requirement.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- No more than 4 hours of Independent Study, Directed Research, or the following similar types of credit, may be applied toward major requirements:
  - BSC 4422L  Biology Laboratory Techniques  1 hr
  - BSC 4937  Instructional Experiences in Undergraduate Biology  2 hrs
- Upon reaching junior standing, Biology majors are expected to have completed the following courses and associate chemistry laboratories. These classes are prerequisites for advanced science classes and students entering the major without these classes will be unable to register for most of the advanced courses.
  - BSC 2010C  Biology I  4 hrs
  - BSC 2011C  Biology II  4 hrs
  - CHM 2045C  Chemistry Fundamentals I  4 hrs
  - CHM 2046  Chemistry Fundamentals II  3 hrs
  - CHM 2046L  Chemistry Fundamentals Laboratory  1 hr
  - CHM 2210  Organic Chemistry I  3 hrs
  - CHM 2211  Organic Chemistry II  3 hrs
  - CHM 2211L  Organic Laboratory Techniques I  2 hrs
  - PHY 2053C  College Physics I  4 hrs
  - PHY 2054C  College Physics II  4 hrs

1. UCF General Education Program (GEP) (38 hrs)
- Note: Certain courses must be selected in the GEP for this major, bringing the total GEP hours to more than 36.
A: Communication Foundations (9 hrs)
  - Required: ENC 1101  Composition I  3 hrs
  - Required: ENC 1102  Composition II  3 hrs
  - Prefer: SPC 1603C  Fundamentals of Technical Presentations  3 hrs
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
Mathematics:
- Note: Prior to enrolling in Math, take Math Placement Test - http://utc.sdes.ucf.edu
  Suggested MAC 2233 Concepts of Calculus or MAC 2235 Applied Calculus 3 hrs
  Suggested MAC 2253 Applied Calculus or MAC 2261 Applied Calculus 3 hrs
  Preferred MAC 2311C Calculus with Analytic Geometry I 4 hrs
Statistics
- Required STA 2023 Statistical Methods I 3 hrs
D: Social Foundations (6 hrs)
E: Science Foundations (8 hrs)
- Biology: Required, satisfies the CPP also required in the Basic Core; Common Program Prerequisites section of this catalog are also required in the Basic Core; Biology course to be used as a prerequisite.
- Chemistry: Required, satisfies the CPP also required in the Basic Core; Biology course to be used as a prerequisite.

Select the sequence identified by the Chemistry Placement exam:
- Prior to enrolling in Chemistry, take Chemistry Placement Test - http://knightsource.sdes.ucf.edu/placement
- For students with a strong chemistry background and a high Chemistry Placement score:
  Required CHM 2045C Chemistry Fundamentals I 4 hrs
  or - Students with little chemistry background should take this two semester equivalent instead.
  Required CHM 2040 Chemistry Fundamentals IA and 3 hrs
  Required CHM 2041 Chemistry Fundamentals IB 3 hrs

2. Common Program Prerequisites (CPP) (16 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- See Transfer Notes for possible substitutes for the following courses.
Biology:
- BSC 2010C Biology I 3 hrs
- BSC 2011C Biology II 3 hrs
Chemistry:
- CHM 2045C Chemistry Fundamentals I 4 hrs
  or - both of the following:
  - CHM 2040 Chemistry Fundamentals IA and 3 hrs
  - CHM 2041 Chemistry Fundamentals IB 3 hrs
  
and- both of the following:
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2048L Chemistry Fundamentals Laboratory 1 hr
Math:
- Select one math course and this statistics course.
  - MAC 2233 Concepts of Calculus or 3 hrs
  - MAC 2253 Applied Calculus or 3 hrs
  - MAC 2311C Calculus with Analytic Geometry I or 4 hrs
  - STA 2023 Statistical Methods I 3 hrs
Physics: Complete one entire sequence
- PHY 2053C College Physics I and 3 hrs
- PHY 2054C College Physics II and 3 hrs
- or:
  - PHY 2048C Physics for Engineers & Scientists I and 3 hrs
  - PHY 2049C Physics for Engineers and Scientists II and 3 hrs

Basic Core: Additional Requirements
Chemistry:
- Students planning on entering professional or graduate school should take Biochemistry and will thus need a year of Organic Chemistry. Students are urged to consult their departmental advisor.
  Complete one entire sequence
  - CHM 2210 Organic Chemistry I and 3 hrs
  - CHM 2211 Organic Chemistry II and 3 hrs
  - CHM 2211L Organic Laboratory Techniques I and 2 hrs
  - or:
    - CHM 2205 Introduction to Organic and Biochemistry and 5 hrs
    - CHM 3120 Analytical Chemistry and 3 hrs
    - CHM 3120L Analytical Chemistry Laboratory and 1 hr

4. Core Requirements: Advanced Level (13 hrs)
- Note: a minimum grade of “C” (2.0) is required in these Biology courses to satisfy the requirement, and to allow their use as a course prerequisite.
  Complete one entire sequence
  - PCB 4683 Evolutionary Biology 4 hrs
  - or:
    - PCB 3023 Molecular Cell Biology 3 hrs
    - PCB 3044 Principles of Ecology 3 hrs
    - PCB 3063 Genetics 3 hrs
  - PCB 4683 Evolutionary Biology 4 hrs

5. Restricted Electives (22 hrs)
- Courses must be selected from the groupings listed below.
  - Student must complete at least one course dealing exclusively with zoology and one course dealing exclusively with botany.
  - At least three credit hours from each group must be completed.
  - At least 10 hours of the Upper Division Restricted electives must be taken within the UCF Biology Department. Courses offered by the Department of Biology have been identified. Additional courses may be used to meet a group requirement with approval of the undergraduate program coordinator via petition.
  - Transferred courses must be at a 3000 level or higher, and be evaluated by the undergraduate program coordinator, in order to count as an Upper Division Restricted Elective.
  - Courses at the 5000 level are only open to seniors and beginning graduate students.
# UCF Degree Programs

## 6. Capstone Requirements

**Form/Function** | 3 hrs | **Complete a minimum of one lecture course** | 3 hrs | **from this group.**
---|---|---|---|---
BCH 4053 | Biochemistry I or | 3 hrs |
BCH 4054 | Biochemistry II or | 3 hrs |
1 BOT 4223C | Plant Anatomy or | 4 hrs |
1 BOT 4303C | Plant Kingdom or | 5 hrs |
1 BOT 4503 | Plant Physiology or | 3 hrs |
2 PCB 3083L | Genetics Laboratory or | 1 hr |
PGB 3233 | Immunology or | 3 hrs |
PCB 3703C | Human Physiology or | 4 hrs |
2 PCB 4514 | Genetics II or | 3 hrs |
PCB 4524 | Molecular Biology II or | 3 hrs |
2 PCB 4675 | Evolution and Medicine or | 3 hrs |
2 PCB 4683L | Evolutionary Biology Lab or | 1 hr |
2 PCB 4684 | Population Genetics or | 3 hrs |
3 PCB 4723 | Animal Physiology or | 4 hrs |
3 PCB 5935 | Population Genetics or | 3 hrs |
2 ZOO 3713C | Comparative Vertebrate Anatomy or | 5 hrs |
ZOO 3733C | Human Anatomy or | 4 hrs |
ZOO 4603C | Embryology/Development or | 5 hrs |
ZOO 4753C | Vertebrate Histology | 4 hrs |

1 Fulfills Botany requirement. Offered in Biology department.
1 Fulfills Zoology requirement. Offered in Biology department.
2 Fulfills Botany requirement. Offered in Biology department.
2 Fulfills Zoology requirement. Offered in Biology department.

## Environmental

**Complete a minimum of one lecture course** | 3 hrs | **from this group.**
---|---|---
1 BOT 3018C | Culinary Botany Across the Cultures or | 3 hrs |
1 BOT 3152C | Local Flora or | 3 hrs |
1 BOT 3802 | Ethnobotany or | 3 hrs |
1 BOT 4850 | Medicinal Botany or | 3 hrs |
BSC 3022 | Conservation Biology or | 3 hrs |
BSC 3312 | Principles of Marine Biology or | 3 hrs |
2 BSC 4312C | Advanced Marine Biology or | 4 hrs |
1 BSC 4330 | Invasion Biology or | 3 hrs |
1 BSC 4821 | Biogeochemistry | 4 hrs |
BSC 4861L | SL Sustainability: Socially & Economically | 3 hrs |
2 BSC 5258L | Tropical Biology Research and Conservation or | 3 hrs |
2 PCB 3044L | Principles of Ecology Laboratory or | 1 hr |
3 PCB 3343L | Principles of Field Ecology or | 5 hrs |
2 PCB 3534 | Tropical Ecology and Conservation or | 3 hrs |
2 PCB 3355L | Tropical Marine Biology or | 2 hrs |
2 PCB 3442 | Aquatic Ecology or | 3 hrs |
2 PCB 5435C | Marine Ecology of Florida or | 4 hrs |
2 PCB 5485 | Models in Ecology or | 3 hrs |
2 PAZ 4234 | Zoo and Aquarium Management or | 3 hrs |
2 ZOO 4513 | Animal Behavior | 3 hrs |

1 Fulfills Botany requirement. Offered in Biology department.
2 Fulfills Zoology requirement. Offered in Biology department.
3 Fulfills Zoology requirement. Offered in Biology department.
4 Fulfills Zoology requirement. Offered in Biology department.

## Systematic

**Complete a minimum of one lecture course** | 3 hrs | **from this group.**
---|---|---
ANT 3550C | Primatology or | 3 hrs |
BOT 4434C | General Mycology or | 4 hrs |
1 BOT 4713C | Plant Taxonomy or | 5 hrs |
2 ENY 4004C | General Entomology or | 4 hrs |
2 ENY 5006C | Entomology or | 4 hrs |
MCB 3020C | General Microbiology or | 5 hrs |
2 ZOO 4205C | Biology and Ecology of Metazoan Invertebrates or Vertebrate Evolution & Ecology or | 4 hrs |
2 ZOO 4310C | Vertebrate Anatomy or | 4 hrs |
2 ZOO 4480 | Mammalogy or | 4 hrs |
2 ZOO 5456C | Ichthyology or | 4 hrs |
2 ZOO 5463C | Herpetology or | 4 hrs |
2 ZOO 5475L | Field Ornithology | 3 hrs |

1 Fulfills Botany requirement. Offered in Biology department.
2 Fulfills Zoology requirement. Offered in Biology department.

## 7. Foreign Language Requirements

### Admissions

- Admission: Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

### Graduation

- None

### 8. Electives

- Select primarily from upper level courses after consulting with your departmental advisor. May be outside of the department.

### 9. Additional Requirements

- None

### 10. Required Minors

- None

### 11. Departmental Exit Requirements

- A minimum GPA of 2.0 in all UCF courses taken in the Common Program Prerequisites, the Biology Core and the Upper Division Restricted Electives used to satisfy the requirement.

- Students will be required to take a comprehensive exam in biology during their last semester. Students must take the exam during their term of graduation.

- Biology majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where the first semester of a two semester sequence has already been taken at a Florida College System institution.

### 12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required

- **120**

### Honors In Major

- None

### Related Programs

- Environmental Engineering
- Biomedical Sciences
- Science Education - Biology
- Interdisciplinary Studies - Environmental Studies

### Track Certificates

- None

### Related Minors

- Biology
- Environmental Studies
- Biomedical Sciences

### Advising Notes

- Students are urged to contact their departmental advisor before registering for courses.
- It is the student’s responsibility to ensure they have satisfied course prerequisites before registering for a class.

### Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit by the undergraduate program coordinator. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses

- The following substitutions are acceptable for common program prerequisites if taken as part of the AA course work:
  - PCB 2010C: May substitute the Honors version BSC X040C. Although the CPP is satisfied by PCB X011C, it will not satisfy prerequisites for subsequent Biology courses.
**Plan of Study**

- This is one of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Prior to enrolling in CHM 2045C, take Chemistry Placement Test. Instructions are at http://knightsource.sdes.ucf.edu/placement/
- Prior to enrolling in Math, take Math Placement Test at http://utc.sdes.ucf.edu
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

**Freshman Year - Fall** 15 hrs

- BSC 2010C Biology I 4 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- Math Course, depending on placement score 4 hrs
- ENC 1101 Composition I 3 hrs

**Freshman Year - Spring** 14 hrs

- BSC 2011C Biology II 4 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- ENC 1102 Composition II 3 hrs
- Elective or Math course if needed 3 hrs

**Sophomore Year - Fall** 13 hrs

- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- CHM 2210 Organic Chemistry I 3 hrs
- PCB 3063 Genetics 3 hrs
- PCB 3044 Principles of Ecology 3 hrs

**Sophomore Year - Spring** 16 hrs

- CHM 2211 Organic Chemistry II 3 hrs
- CHM 2211L Organic Laboratory Techniques I 2 hrs
- STA 2023 Statistical Methods I 3 hrs
- Restricted Elective 5 hrs
- GEP 3 hrs

**Junior Year - Fall** 15 hrs

- PHY 2053C College Physics I 4 hrs
- PCB 3023 Molecular Cell Biology 3 hrs
- Restricted Elective 5 hrs
- GEP 3 hrs

**Junior Year - Spring** 15 hrs

- PHY 2054C College Physics II 4 hrs
- Restricted Elective 4 hrs
- GEP 3 hrs
- Elective 4 hrs

**Senior Year - Fall** 16 hrs

- PCB 4863 Evolutionary Biology 4 hrs
- Restricted Elective 4 hrs
- GEP 3 hrs
- Elective 2 hrs

**Senior Year - Spring** 16 hrs

- Restricted Elective 4 hrs
- GEP 3 hrs
- Elective 3 hrs
- Elective 3 hrs

**Program Academic Learning Compacts**

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

**Equipment Fees**

- Part-Time Student: $24.85 per term
- Full-Time Student: $49.70 per term

**Biology - Preprofessional Concentration (B.S.)**

**Department of Biology, Biology, Room: 301**

http://www.cos.ucf.edu/biology

Email: biology@ucf.edu

Frank Logiudice
Phone: 407-823-2141

The Biology major offers excellent preparation for professional school. The curriculum is broadly based and provides a well-rounded education that is appealing to admission committees and valuable for careers in medicine, dentistry, optometry, pharmacy and veterinary medicine. This curriculum suggests choices within the Biology major that may be more relevant to preprofessional majors.

**Admission Requirements**

- None

**Degree Requirements**

- Students who change degree programs and select this major must adopt the most current catalog.
- No credit by exam (TSD, Military credit) may be used for the major.
- Co-op or internship credit cannot be used in this major.
- Departmental Residency Requirement consists of at least 22 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Biology Department.
- Students seeking a double major must satisfy the requirements for both majors and must take no fewer than 40 semester hours of upper division restricted elective course work appropriate to the combined areas of specialization in the two majors.
- Biology majors must earn a “C” (2.0) or better in all Core courses with a BSC or PCB prefix in order to satisfy the requirement.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) and 3 (Core Requirements) are usually completed in the first 60 hours.
- No more than 4 hours of Independent Study, Directed Research, or the following similar types of credit, may be applied toward major requirements:

  - BSC 4422L Biology Laboratory Techniques 1 hr
  - BSC 4937 Instructional Experiences in Undergraduate 2 hrs

- Biology majors are expected to have completed the following courses. These classes are prerequisites for advanced science classes and students entering without these classes will be unable to register for most of the advanced courses.

  - BSC 2010C Biology I 4 hrs
  - BSC 2011C Biology II 4 hrs
  - CHM 2045C Chemistry Fundamentals I 4 hrs
  - CHM 2046 Chemistry Fundamentals II 3 hrs
  - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
  - CHM 2210 Organic Chemistry I 3 hrs
  - CHM 2211 Organic Chemistry II 3 hrs
  - CHM 2211L Organic Laboratory Techniques I 2 hrs
  - PHY 2053C College Physics I 4 hrs
  - PHY 2054C College Physics II 4 hrs
UCF Degree Programs

1. UCF General Education Program (GEP) (39 hrs)
   - Note: Certain courses must be selected in the GEP for this major, bringing the total GEP hours to more than 36.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Preferred SPC 1603C Fundamentals of Technical Presentations 3 hrs

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (7 hrs)
- Note: Prior to enrolling in Math, take Math Placement Test ~ http://utc.sdes.ucf.edu
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs

Statistics:
- Required STA 2023 Statistical Methods I 3 hrs

D: Social Foundations (6 hrs)
E: Science Foundations (8 hrs)
- Note: a minimum grade of “C” (2.0) is required in these Biology courses to satisfy the requirement, and to allow their use as a prerequisite.
- Required BSC 2010C Biology I 4 hrs

Select the sequence identified by the Chemistry Placement exam;
- Note: Prior to enrolling in Chemistry, take Chemistry Placement Test ~ http://knightsource.sdes.ucf.edu/placement/
- For students with a strong chemistry background and a high Chemistry Placement score
- Required CHM 2045C Chemistry Fundamentals I 4 hrs
- or - Students with little chemistry background should take this two semester equivalent instead.
- Required CHM 2040 Chemistry Fundamentals I and 3 hrs
- Required CHM 2041 Chemistry Fundamentals IB 3 hrs

2. Common Program Prerequisites (CPP) (16 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- See Transfer Notes for possible substitutes for the courses listed below.
- Although other courses may satisfy the CPP, these specifically satisfy the major requirements or are better for preprofessional students.

Biology: 4 hrs
- Note: a minimum grade of “C” (2.0) is required in these Biology courses to allow their use as a prerequisite. While a lower grade may satisfy the CPP, it will not satisfy the major.
- Required BSC 2010C Biology I and 3 hrs
- Required BSC 211C Biology II 4 hrs

Chemistry:
- Required CHM 2045C Chemistry Fundamentals I 4 hrs
- or: CHM 2040 Chemistry Fundamentals IA and 3 hrs
- Required CHM 2041 Chemistry Fundamentals IB 3 hrs

- and: CHM 2046 Chemistry Fundamentals II and 3 hrs
- Required CHM 2046L Chemistry Fundamentals Laboratory 1 hr

Math:
- Required MAC 2311C Calculus with Analytic Geometry I and 3 hrs
- Required STA 2023 Statistical Methods I and 3 hrs

Physics:
- Note: Prior to enrolling in Math, take Math Placement Test ~ http://knightsource.sdes.ucf.edu/placement/
- Required PHY 2048C Physics for Engineers & Scientists I and 4 hrs
- Required PHY 2049C Physics for Engineers and Scientists II 4 hrs

3. Core Requirements: Basic Level (8 hrs)
   - Note: All courses specifically identified in the proceeding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken along with the following:

   Basic Core: Required, satisfies the CPP
   - Biology: Note: a minimum grade of “C” (2.0) is required in these Biology courses to satisfy the requirement, and to allow their use as a course prerequisite.
     - Required BSC 2010C Biology I and 4 hrs
     - Required BSC 211C Biology II 3 hrs

   Chemistry:
   - Required CHM 2045C Chemistry Fundamentals I and 4 hrs

   - or
   - Required CHM 2040 Chemistry Fundamentals IA and 4 hrs
   - Required CHM 2041 Chemistry Fundamentals IB and 4 hrs

   - and
   - Required CHM 2046 Chemistry Fundamentals II and 3 hrs
   - Required CHM 2046L Chemistry Fundamentals Laboratory 1 hr

   Math:
   - Required MAC 2311C Calculus with Analytic Geometry I and 3 hrs
   - Required STA 2023 Statistical Methods I and 3 hrs

   Physics:
   - Required PHY 2048C Physics for Engineers & Scientists I and 4 hrs
   - Required PHY 2049C Physics for Engineers and Scientists II 4 hrs

4. Core Requirements: Advanced Level (13 hrs)
   - Note: a minimum grade of “C” (2.0) is required in these Biology courses to satisfy the requirement, and to allow their use as a course prerequisite.
   - Required PCB 3023 Molecular Cell Biology 3 hrs
   - Required PCB 3044 Principles of Ecology 3 hrs
   - Required PCB 3063 Genetics 3 hrs
   - Required PCB 4883 Evolutionary Biology 4 hrs

5. Restricted Electives (22 hrs)
   - The following is a suggested subset of the Biology Restricted Electives which may be more appropriate for many professional schools.
   - Student must complete at least one course dealing exclusively with zoology and one course dealing exclusively with botany.
   - At least three credit hours from each group must be completed.
   - At least 10 hours of the Upper Division Restricted electives must be taken within the UCF Biology Department.
   - Transferred courses must be at a 3000 level or higher, and be evaluated by the undergraduate program coordinator, in order to count as an Upper Division Restricted Elective.
   - Consult a departmental advisor and be cognizant of the professional school’s requirements. For complete listing, see Biology B.S. degree program.

Form/Function
   - Complete a minimum of one lecture course 3 hrs
   - from this group.
   - Because of the large number of courses taught in other departments, students must ensure they complete the required hours to be taken within the UCF Biology Department.
   - Required BCH 4053 Biochemistry I or 3 hrs
   - Required BCH 4054 Biochemistry II or 3 hrs
   - Requires PCB 3063L Genetics Laboratory or 1 hr
   - Required PCB 3033 Immunology or 3 hrs
   - Required PCB 3703C Human Physiology or 4 hrs
   - Requires PCB 4514 Genetics II or 3 hrs
1. Honors In Major
   Total Semester Hours Required
   Rule, and nine hours of Summer credit.
   CLEP, Credit by Exam, and Armed Forces credits permitted.
   completed in residency at UCF.

2. University Minimum Exit Requirements
   College System institution.
   a transient student at a Florida College System institution,
   passing score.
   in biology during their last semester. Students must take
   Upper Division Restricted Electives.
   Common Program Prerequisites, the Biology Core and the
   11. Departmental Exit Requirements
   None
   10. Required Minors
   None
   9. Additional Requirements
   None
   8. Electives
   Select primarily from upper level courses after
   consulting with your departmental advisor. May be outside
   of the department.
   7. Foreign Language Requirements
   Admissions
   Two years of one foreign language in high school, or
   one year of one foreign language in college (or equivalent
   proficiency exam) prior to graduation.
   Graduation
   Spanish is highly recommended.
   6. Capstone Requirements
   None
   5. Electives
   None
   4. Certificates
   None
   3. Related Minors
   Biology
   Biomedical Sciences
   Advising Notes
   Students are urged to contact their departmental advisor
   before registering for courses.
   It is the student’s responsibility to ensure they have
   satisfied course prerequisites before registering for a class.
   Students are strongly encouraged to work with
   the Office of Pre-Health and Pre-Law Advising (Ferrell
   Commons 203; 407-823-3033).
   An analysis of the success and failure of students
   on recent MCAT examinations has led the department to
   suggest that a student should have completed all of the
   Biology core courses (sections 3 and 4) and the following
   courses prior to taking the MCAT exam:
   MCB 3020C General Microbiology 5 hrs
   PCB 4524 Molecular Biology II 3 hrs
   Transfer Notes
   Lower division courses do not substitute for upper
   division courses.
   Courses transferred from private and out-of-state
   schools must be evaluated by the undergraduate program
   coordinator for equivalency credit. The student must provide
   all supporting information.
   Acceptable Substitutes for Transfer Courses
   The following substitutions are acceptable for common
   program prerequisites if taken as part of the AA course
   work:
   BSC 2011C: May substitute the Honors version BSC
   X010C. Although the CPP is satisfied by PCB X011C, it will
   not satisfy prerequisites for subsequent Biology courses.
   BSC 2011C: May substitute the Honors version BSC
   X041C or both ZOO X010C and BOT X010C.
   CHM 2045C: may use CHM X040 plus CHM X041.
   Physics: although the CPP is satisfied by Organic
   Chemistry, both subjects are required by the degree
   program and both must be taken.
   Statistics: although a number of math and statistics
   course will satisfy the CPP, this statistics course is required
   in the program.
   Plan of Study
   This is one of numerous possible plans of study.
   See program description for all requirements. Consult a
   departmental advisor for alternate, new or more appropriate
   selections.
   Prior to enrolling in Chemistry, take Chemistry
   Placement Test ~
   http://knightsource.sdes.ucf.edu/placement/
   Prior to enrolling in Math, take Math Placement Test ~
   http://utc.sdes.ucf.edu
   Although all classes are listed as being taken during the
   academic year, you may be required to complete 9 hours
   of them during the Summer. Consult with an advisor to
determine if you are exempt.

Freshman Year - Fall 15 hrs
   BSC 2010C Biology I 4 hrs
   CHM 2045C Chemistry Fundamentals I 4 hrs
   ENC 1101 Composition I 3 hrs
   Math course, depending on placement score 4 hrs

Freshman Year - Spring 15 hrs
   BSC 2011C Biology II 4 hrs
   CHM 2046 Chemistry Fundamentals II 3 hrs
   CHM 2046L Chemistry Fundamentals Laboratory 1 hr
   May be taken in a later term if seats are not available.
   Math course 4 hrs
   ENC 1102 Composition II 3 hrs

UNIVERSITY OF CENTRAL FLORIDA

147 Undergraduate Catalog 2014-2015
Sophomore Year - Fall 16 hrs
CHM 2210 Organic Chemistry I 3 hrs
PCB 3044 Principles of Ecology 3 hrs
MAC 2311C Calculus with Analytic Geometry I 4 hrs
STA 2023 Statistical Methods I 3 hrs
GEP 3 hrs

Sophomore Year - Spring 15 hrs
CHM 2211 Organic Chemistry II 3 hrs
CHM 2211L Organic Laboratory Techniques I 2 hrs
May be taken in a later term if seats are not available.
PCB 3063 Genetics 3 hrs
MAC 2312 Calculus with Analytic Geometry II 4 hrs
GEP 3 hrs

Junior Year - Fall 16 hrs
PHY 2048C Physics for Engineers & Scientists I 4 hrs
PCB 3023 Molecular Cell Biology 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
GEP 3 hrs

Junior Year - Spring 14 hrs
PHY 2049C Physics for Engineers and Scientists II 4 hrs
PCB 4583 Evolutionary Biology 4 hrs
Restricted Elective 3 hrs
GEP 3 hrs

Senior Year - Fall 15 hrs
Restricted Elective 4 hrs
Restricted Elective 4 hrs
GEP 3 hrs
GEP 3 hrs
Free Elective 2 hrs

Senior Year - Spring 14 hrs
Restricted Elective 4 hrs
Restricted Elective 3 hrs
Free Elective 4 hrs
Free Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oecs.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $24.85 per term
- Full-Time Student: $49.70 per term

Biomedical Sciences (B.S.)
College of Medicine
Burnett School of Biomedical Sciences
Department of Molecular and Microbiology,
Health and Public Affairs II, Room: 335
http://www.biomed.ucf.edu

Email: bcbsinfo@ucf.edu
Dr. Richard Peppler, Interim Director
Phone: 407-823-5932

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Grades below “C-“ in Common Program Prerequisites, Core Requirements and Restricted Electives will not be accepted.
- Students in the Molecular and Cellular Biology or Molecular and Microbiology tracks must maintain a minimum GPA of 3.2 for courses in sections 2-5. Students who are unable to maintain such GPA must revert back into the non-track Biomedical Sciences B.S.
- Students should consult with a departmental advisor.

1. UCF General Education Program (GEP) (38 hrs)
   - Certain courses must be selected in GEP for this major, bringing the total GEP hours to more than 36.
   - A: Communication Foundations (9 hrs)
     Required ENC 1101 Composition I 3 hrs
     Required ENC 1102 Composition II 3 hrs
     Prefer SPC 1603C Fundamentals of Technical Presentations 3 hrs
   - B: Cultural & Historical Foundations (9 hrs)
     Required STA 2023 Statistical Methods I 3 hrs
   - Select 1: 3 hrs
     Suggested MAC 2311C Calculus with Analytic Geometry I 4 hrs
     Suggested MAC 2253 Applied Calculus 3 hrs
   - C: Mathematical Foundations (6 hrs)
     Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
   - D: Social Foundations (6 hrs)
     Required SPC 1603C Fundamentals of Technical Presentations 3 hrs
   - E: Science Foundations (8 hrs)
     Required PHY 2048C Physics for Engineers & Scientists I and 4 hrs
     1 Required PHY 2049C Physics for Engineers and Scientists II 4 hrs
     2 See Transfer Notes for possible substitutions.

2. Common Program Prerequisites (CPP) (24 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - BSC 2010C Biology I GEP
   1 BSC 2011C Biology II 4 hrs
   2 CHM 2045C Chemistry Fundamentals I GEP
   CHM 2046L Chemistry Fundamentals Laboratory 1 hr
   CHM 2311C Calculus with Analytic Geometry I GEP
   STA 2023 Statistical Methods I GEP
   CHM 2211 Organic Chemistry I 3 hrs
   CHM 2211 Organic Chemistry II 3 hrs
   CHM 2211L Organic Laboratory Techniques I 2 hrs

Select one of the following sequences of courses:
- PHY 2053C College Physics I and 4 hrs
  PHY 2054C College Physics II 4 hrs
- PHY 2048C Physics for Engineers & Scientists I and 4 hrs
  PHY 2049C Physics for Engineers and Scientists II 4 hrs
1 This course is substituted with BSC 3403C.
2 See Transfer Notes for possible substitutions.

3. Core Requirements: Basic Level
   - None

Choose one of the tracks below:

Track 1: Biomedical Science 48 hrs

4A: Core Requirements: Advanced Level 25 hrs
- The following core courses are for students completing the general Biomedical Science degree.

Life Sciences 22 hrs
- MCB 3020C General Microbiology 5 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs
- PCB 3522 Molecular Biology I 3 hrs
- PCB 4524 Molecular Biology II 3 hrs

Select 1: 3 hrs
- MCB 4414 Microbial Metabolism or 3 hrs
- MCB 4410 Cellular Metabolism 3 hrs

Select one of the following sequences of courses:
- PCB 4280 Molecular Immunology and 3 hrs
  PCB 3233L Immunology Laboratory 1 hr
  or
  PCB 3233 Immunology and 3 hrs
  PCB 3233L Immunology Laboratory 1 hr

Chemistry 3 hrs
- BCH 4053 Biochemistry I 3 hrs
### UCF Degree Programs

#### 5A: Restricted Electives 23 hrs
- Select a minimum of seven (7) courses from the list below. At least two must have a laboratory course. No more than two may be MLS courses. Enrollment in some MLS courses is restricted. Check with advisor before enrolling.
- Students may only select two (2) of the following BCH 4054, BCH 4103L, PCB 3063, PCB 4514, ZOO 4603C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4054</td>
<td>Biochemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BCH 4103L</td>
<td>Biochemical Methods</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MCB 3203</td>
<td>Pathogenic Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4404</td>
<td>Bacterial Genetics and Physiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4114C</td>
<td>Determinative &amp; Systemic Microbiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 4207</td>
<td>Infectious Processes</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4204</td>
<td>Cellular Microbiology: Host-Pathogen Interactions</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4276</td>
<td>Epidemiology of Infectious Diseases</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4312</td>
<td>Molecular Biotechnology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4503C</td>
<td>Virology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4721C</td>
<td>Methods in Biotechnology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 5225</td>
<td>Molecular Biology of Disease</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5654</td>
<td>Applied Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5932</td>
<td>Current Topics in Molecular Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 3220C</td>
<td>Techniques in Clinical Microscopy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 3305</td>
<td>Histology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 4334</td>
<td>Histomasis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 4430C</td>
<td>Clinical Parasitology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 4505C</td>
<td>Immunodiagnostics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 4625</td>
<td>Advanced Clinical Chemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MLS 4630</td>
<td>Advanced Clinical Chemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3063</td>
<td>Genetics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4028</td>
<td>Molecular and Cellular Pharmacology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4174</td>
<td>Foundation of Bio-Imaging Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4521</td>
<td>Tissue Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4514</td>
<td>Genetics II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4529C</td>
<td>Experimental Molecular Cell Biology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4805</td>
<td>Endocrinology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5238</td>
<td>Immunobiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5236</td>
<td>Cancer Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5275</td>
<td>Signal Transduction Mechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 3701C</td>
<td>Human Gross Anatomy &amp; Dissection Techniques</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 3733C</td>
<td>Human Anatomy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 3744</td>
<td>Neurobiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 4603C</td>
<td>Embryology/Development</td>
<td>5 hrs</td>
</tr>
<tr>
<td>ZOO 4605</td>
<td>Human Clinical Embryology and Congenital Malformation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 4743C</td>
<td>Clinical Neuroanatomy and Neuroscience</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 4753C</td>
<td>Vertebrate Histology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 5745C</td>
<td>Essentials of Neuroanatomy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 4970H</td>
<td>Honors Undergraduate Thesis II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 4434C</td>
<td>General Mycology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 3202</td>
<td>Principles of Infectious Disease</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4264</td>
<td>Stem Cell Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 4747C</td>
<td>Clinical Neuroscience</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4264</td>
<td>Stem Cell Biology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. Must also choose MCB 3203L Pathogenic Microbiology Lab

#### Track 2: Molecular Microbiology 45 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCB 4201</td>
<td>Microbial Stress Response</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4414</td>
<td>Microbial Genetics and Physiology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 5B: Restricted Electives 11 hrs
- Students must choose three (3) courses from the list below:
- At least two (2) must have a laboratory component
- Students must choose three (3) courses from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCB 3203</td>
<td>Pathogenic Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4503C</td>
<td>Virology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 3202</td>
<td>Principles of Infectious Disease</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4026</td>
<td>Molecular and Cellular Pharmacology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4207</td>
<td>Infectious Diseases</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4276</td>
<td>Epidemiology of Infectious Diseases</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 4434C</td>
<td>General Mycology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 4603</td>
<td>Environmental Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4721C</td>
<td>Methods in Biotechnology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 5238</td>
<td>Immunobiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5654</td>
<td>Applied Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5238</td>
<td>Immunobiology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

An additional elective course can be chosen from either the list above or from the broader list of electives shown under Biomedical Science (Non-Track) Electives.

1. Including lab

#### 5C: Restricted Electives 10 hrs
- Students must choose three (3) electives from the list below:
- At least one (1) must have a laboratory component

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4663</td>
<td>Molecular Biology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4174</td>
<td>Foundation of Bio-Imaging Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 3744</td>
<td>Neurobiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5225</td>
<td>Molecular Biology of Disease</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4521</td>
<td>Tissue Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4264</td>
<td>Stem Cell Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4721C</td>
<td>Methods in Biotechnology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BSC 4434</td>
<td>Biomedical Informatics: Sequence Analysis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5238</td>
<td>Immunobiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5275</td>
<td>Signal Transduction Mechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4813</td>
<td>Molecular Aspects of Obesity, Diabetes &amp; Metabolism</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

An additional elective course can be chosen from either the list above or from the broader list of electives shown under Biomedical Science (Non-Track) Electives.

#### Track 3: Molecular and Cellular Biology 45 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 3403C</td>
<td>Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>BCH 4053</td>
<td>Biochemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3233L</td>
<td>Immunology Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>PCB 4280</td>
<td>Molecular Immunology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4524</td>
<td>Molecular Biology II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4410</td>
<td>Cellular Metabolism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4529C</td>
<td>Experimental Molecular Cell Biology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4028</td>
<td>Molecular and Cellular Pharmacology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4234</td>
<td>Cancer Biology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. Including lab

#### 5D: Restricted Electives 10 hrs
- Students must choose three (3) electives from the list below:
- None

1. Recommended for Preprofessional students

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCB 3203L</td>
<td>Pathogenic Microbiology Lab</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Track 2: Molecular Microbiology 45 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCB 4201</td>
<td>Microbial Stress Response</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4414</td>
<td>Microbial Genetics and Physiology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 4B: Core Requirements: Advanced Level 34 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 3403C</td>
<td>Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>BCH 4053</td>
<td>Biochemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3522</td>
<td>Molecular Biology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3233L</td>
<td>Immunology Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>PCB 4280</td>
<td>Molecular Immunology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4524</td>
<td>Molecular Biology II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4204</td>
<td>Cellular Microbiology: Host-Pathogen Interactions</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4404</td>
<td>Bacterial Genetics and Physiology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 6. Capstone Requirements
- None

#### 7. Foreign Language Requirements

#### Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

#### Graduation
- None

#### 8. Electives
- Variable. Students are encouraged to participate in undergraduate research if interested in pursuing graduate or professional education.
9. Additional Requirements

- None

10. Required Minors

- None

11. Departmental Exit Requirements

- Students must complete all coursework in the baccalaureate curriculum as shown, and earn a GPA of at least 2.0 for all coursework in the Core and Restricted Electives.
- Independent study, directed research, or similar credit may not be used as a Restricted Elective.
- Molecular Microbiology and Molecular Cellular Biology track students must complete all coursework in the baccalaureate curriculum as shown and earn a GPA of at least 3.2 for all coursework in the sciences.
- A minimum of 20 hours must be taken at UCF in the department of the major.
- Students will be required to pass a comprehensive test during their last semester.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 120

Honors in Major

- Application and admission through the Department and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution.
- Complete the following course with a grade of B or better (4 credits):
  - BSC 3403C Honors Quantitative Biological Methods 4 hrs
- Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis (3 credits):
  - MCB 4970H Honors Undergraduate Thesis II 1 hr

Related Programs

- Biology
- Biotechnology
- Chemistry
- Medical Laboratory Sciences

Certificates

- None

Related Minors

- Biology
- Chemistry

Advising Notes

- None

Transfer Notes

- Students who begin a two semester sequence course (e.g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses

- BSC 2011C Biology II 4 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
  - may be substituted with: CHM 2040
- CHM 2045C Chemistry Fundamentals I 4 hrs
  - may be substituted with: CHM 2041
- CHM 2045C Chemistry Fundamentals I 4 hrs
  - may be substituted with: CHM 2041

Plan of Study

**Freshman Year - Fall** 14 hrs
- ENC 1101 Composition I 3 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- MCB 2311C Calculus with Analytic Geometry I 4 hrs
- GEP 3 hrs
- **Freshman Year - Spring** 14 hrs
- ENC 1102 Composition II 3 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- BSC 2010C Biology I 4 hrs
- GEP 3 hrs

**Sophomore Year - Fall** 14 hrs
- CHM 2210 Organic Chemistry I 3 hrs
- MCB 3020C General Microbiology 5 hrs
- GEP 3 hrs

**Select 1:**
- STA 2023 Statistical Methods I or 3 hrs
- CGS 1060C Introduction to Computers 3 hrs

**Sophomore Year - Spring** 15 hrs
- CHM 2211 Organic Chemistry II 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs
- GEP 3 hrs
- Restricted Elective or Elective 3 hrs

**Select 1:**
- CHM 2211L Organic Laboratory Techniques I or 2 hrs
- Elective 3 hrs

**Sophomore Year - Summer** 9 hrs
- Restricted Elective or Elective 3 hrs
- Elective 3 hrs

**Select 1:**
- CHM 2211L Organic Laboratory Techniques I or 2 hrs
- Elective 3 hrs

**Junior Year - Fall** 13 hrs
- PCB 3522 Molecular Biology I 3 hrs
- GEP 3 hrs
- Restricted Elective 3 hrs

**Select 1:**
- PHY 2053C College Physics I or 4 hrs
- **PHY 2048C Physics for Engineers & Scientists I** 4 hrs
- **PHY 2054C College Physics II or 4 hrs**
- **PHY 2048C Physics for Engineers & Scientists II** 4 hrs
- **Select 1:**
  - PCB 3233L and PCB 4280 Molecular Immunology or 4 hrs
  - PCB 3233 or Restricted Elective 3 hrs

**Junior Year - Spring** 13 hrs
- PCB 4524 Molecular Biology II 3 hrs
- Restricted Elective 3 hrs

**Select 1:**
- PHY 2054C College Physics II or 4 hrs
- **PHY 2048C Physics for Engineers & Scientists II** 4 hrs
- **Select 1:**
  - PCB 3233 and PCB 4280 Molecular Immunology or 4 hrs
  - PCB 3233 or Restricted Elective 3 hrs

**Senior Year - Fall** 12 hrs
- GEP 3 hrs
- Restricted Elective 3 hrs

**Select 1:**
- MCB 4414 Microbial Metabolism or 3 hrs
- BCH 4053 Biochemistry I 3 hrs

**Select 1:**
- PCB 3233 and PCB 4280 Molecular Immunology or 4 hrs
- PCB 3233 or Restricted Elective 3 hrs

**Senior Year - Spring** 12 hrs
- Restricted Elective 3 hrs
- GEP 3 hrs
Biomedical Sciences - Preprofessional Concentration (B.S.)

College of Medicine

Burnett School of Biomedical Sciences

Department of Molecular and Microbiology,
Health and Public Affairs II, Room: 335

http://www.biomed.ucf.edu

Email: bcbsinfo@ucf.edu
Dr. Richard Peppler, Interim Director
Phone: 407-823-5932

Students seeking admission to professional schools (medical, dental, optometry, veterinary, podiatry, and pharmacy) will meet all the admission requirements for those programs while obtaining a Molecular Biology and Microbiology degree.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Grades below “C-” in Common Program Prerequisites, Core Requirements and Restricted Electives will not be accepted.
- Students should consult with a Departmental advisor and the Pre-health Advisement Office in HPA I 124.

1. UCF General Education Program (GEP) (36 hrs)

- Note: Certain courses must be selected in GEP for this major, bringing the total GEP hours to more than 36.

A: Communication Foundations (9 hrs)

- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1603C Fundamentals of Technical Presentations 3 hrs

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (6 hrs)

Select 1: 3 hrs

- Required CGS 1060C Introduction to Computers or 3 hrs
- Required STA 2023 Statistical Methods I or 3 hrs

D: Social Foundations (6 hrs)

E: Science Foundations

- Required BSC 2010C Biology I 4 hrs
- Required CHM 2045C Chemistry Fundamentals I 4 hrs

2. Common Program Prerequisites (CPP) (16 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

BSC 2010C Biology I GEP
1 BSC 2011C Biology II 4 hrs
1 CHM 2045C Chemistry Fundamentals I GEP
CHM 2046 Chemistry Fundamentals II GEP
CHM 204R Chemistry Fundamentals Laboratory 1 hr
MAC 2311C Calculus with Analytic Geometry I GEP

Select one of the following sequences of courses:

- PHY 2053C College Physics I and 4 hrs
- PHY 2054C College Physics II and 4 hrs
- or
- PHY 2048C Physics for Engineers & Scientists I and 4 hrs
- PHY 2049C Physics for Engineers and Scientists II and 4 hrs

1. See Transfer Notes for possible substitutions

3. Core Requirements: Basic Level (10 hrs)

Life Sciences: Basic

Select 1: 4 hrs

- MAC 2311C Calculus with Analytic Geometry I or GEP
- MAC 2253 Applied Calculus GEP

Select 1: 3 hrs

- STA 2023 Statistical Methods I or GEP
- CGS 1060C Introduction to Computers GEP

Chemistry

Take all of the following: 8 hrs

- CHM 2210 Organic Chemistry I and 3 hrs
- CHM 2211 Organic Chemistry II and 3 hrs
- CHM 2211L Organic Laboratory Techniques I 2 hrs

4. Core Requirements: Advanced Level (25 hrs)

Life Sciences: Advanced

Select one of the following sequences of courses:

- PCB 4280 Molecular Immunology and 3 hrs
- PCB 3233L Immunology Laboratory 1 hr

or

- PCB 3233 Immunology and 3 hrs
- PCB 3233L Immunology Laboratory 1 hr

Select 1: 3 hrs

- MCB 4414 Microbial Metabolism or 3 hrs
- MCB 4410 Cellular Metabolism 3 hrs

Chemistry

BCH 4053 Biochemistry I 3 hrs

5. Restricted Electives

7 courses minimum

- Seven (7) courses from below, from which at least two must be a laboratory course. No more than two may be MLS courses. Enrollment in some MLS courses is restricted. Check with advisor before enrolling. Only three hours of Honors thesis will count towards restrictive elective requirement.
- Students in the preprofessional concentration of the Molecular Biology and Microbiology program are recommended to choose from the following restricted electives:
- Students cannot choose more than two (2) of the following restricted electives: BCH 4054, BCH 4103L, PCB 3063, PCB 4514, ZOO 4603C.

Select one of the following sequences of courses:

- PCB 4280 Molecular Immunology and 3 hrs
- PCB 3233L Immunology Laboratory 1 hr

or

- MCB 3020C General Microbiology 5 hrs
- PCB 3522 Molecular Biology I 3 hrs
- PCB 4524 Molecular Biology II 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs

- PCB 4280 Molecular Immunology and 3 hrs
- PCB 3233L Immunology Laboratory 1 hr

Select 1: 3 hrs

- MCB 4414 Microbial Metabolism or 3 hrs
- MCB 4410 Cellular Metabolism 3 hrs

- PCB 4280 Molecular Immunology and 3 hrs
- PCB 3233L Immunology Laboratory 1 hr

- MCB 3020C General Microbiology 5 hrs
- PCB 3522 Molecular Biology I 3 hrs
- PCB 4524 Molecular Biology II 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs

- MCB 3203 Pathogenic Microbiology 3 hrs
- MCB 4404 Bacterial Genetics and Physiology 3 hrs
- MCB 4207 Infectious Processes 3 hrs
- MCB 4276 Epidemiology of Infectious Diseases 3 hrs
- MCB 4312 Molecular Biotechnology 3 hrs
- MCB 4503C Virology 3 hrs
- MCB 5225 Molecular Biology of Disease 3 hrs
- MLS 3305 Hematology 3 hrs
- MLS 4334 Hemostasis 3 hrs
- MLS 4433C Clinical Parasitology 3 hrs
- MLS 4505C Immunodiagnostics 3 hrs
- PCB 3063 Genetics 3 hrs
- PCB 3703C Human Physiology 4 hrs

- PCB 4280 Molecular Immunology and 3 hrs
- PCB 3233L Immunology Laboratory 1 hr

- MCB 3020C General Microbiology 5 hrs
- PCB 3522 Molecular Biology I 3 hrs
- PCB 4524 Molecular Biology II 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs

- MCB 3203 Pathogenic Microbiology 3 hrs
- MCB 4404 Bacterial Genetics and Physiology 3 hrs
- MCB 4207 Infectious Processes 3 hrs
- MCB 4276 Epidemiology of Infectious Diseases 3 hrs
- MCB 4312 Molecular Biotechnology 3 hrs
- MCB 4503C Virology 3 hrs
- MCB 5225 Molecular Biology of Disease 3 hrs
- MLS 3305 Hematology 3 hrs
- MLS 4334 Hemostasis 3 hrs
- MLS 4433C Clinical Parasitology 3 hrs
- MLS 4505C Immunodiagnostics 3 hrs
- PCB 3063 Genetics 3 hrs
- PCB 3703C Human Physiology 4 hrs
UCF Degree Programs

PCB 4028 Molecular and Cellular Pharmacology 3 hrs
PCB 4514 Genetics II 3 hrs
PCB 4805 Endocrinology 3 hrs
PCB 5238 Immunobiology 3 hrs
ZOO 3701C Human Gross Anatomy & Dissection 3 hrs
ZOO 3733C Human Anatomy 4 hrs
ZOO 3744 Neurobiology 3 hrs
ZOO 4603C Embryology/Development 5 hrs
ZOO 4805 Human Clinical Embryology and Congenital Malformation 3 hrs
ZOO 4743C Clinical Neuroanatomy and Neuroscience 4 hrs
ZOO 4753C Vertebrate Histology 4 hrs
MCB 4970H Honors Undergraduate Thesis II 3 hrs
PCB 4234 Cancer Biology 3 hrs
ZOO 4747C Clinical Neuroscience 4 hrs
MCB 3202 Principles of Infectious Disease 3 hrs

1 Students must also select MCB 3203L Pathogenic Microbiology Lab in order for this combination to count as 1 restricted elective.

6. Capstone Requirements
   ■ None

7. Foreign Language Requirements
   Admissions
   ■ Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

   Graduation
   ■ None

8. Electives
   ■ Variable

9. Additional Requirements
   ■ None

10. Required Minors
    ■ None

11. Departmental Exit Requirements
    ■ Student must complete all coursework in the baccalaureate curriculum as shown, and, earn a GPA of at least 2.0 for all coursework in the Prerequisites, Core and Restricted Electives.
    ■ Independent study, directed research, or similar credit may not be used as a Restricted Elective.
    ■ Minimum of 20 hours must be taken at UCF in the department of the major.
    ■ Students will be required to pass a comprehensive test during their last semester.

12. University Minimum Exit Requirements
    ■ A 2.0 UCF GPA
    ■ 60 semester hours earned after CLEP awarded
    ■ 48 semester hours of upper division credit completed
    ■ 30 of the last 39 hours of course work must be completed in residency at UCF.
    ■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    ■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

   Total Semester Hours Required
   ■ 120

   Honors in Major
   ■ Application and admission through the Department and the Burnett Honors College.
   ■ Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution.
   ■ Complete the following with a grade of B or better (4 credits)
   BSC 3403C Honors Quantitative Biological Methods 4 hrs
   ■ Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis (3 credits).
   MCB 4970H Honors Undergraduate Thesis II 1 hr

1 Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.
Program Academic Learning Compacts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2048C</td>
<td>Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Physic Physics II</td>
<td>4 hrs</td>
<td></td>
</tr>
</tbody>
</table>

Select 1:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4280</td>
<td>Molecular Immunology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4280L</td>
<td>Immunology Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

Select 1:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 3403C</td>
<td>Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BSC 3403C</td>
<td>Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPC 1603C</td>
<td>Fundamentals of Technical Presentations</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations

Required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2023</td>
<td>Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select 1:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2253</td>
<td>Applied Calculus</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

D: Social Foundations (6 hrs)

E: Science Foundations

Required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
<td>GEP</td>
</tr>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
<td>GEP</td>
</tr>
<tr>
<td>MCB 4410</td>
<td>Cellular Metabolism</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

2. Common Program Prerequisites (CPP) (21 hrs)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

3. Core Requirements: Basic Level

None

4. Core Requirements: Advanced Level (52 hrs)

Life Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>PCB 3522</td>
<td>Molecular Biology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4280</td>
<td>Molecular Biology II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 3403C</td>
<td>Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 4721C</td>
<td>Methods in Biotechnology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 4720</td>
<td>Industrial Perspectives Seminar</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4312</td>
<td>Molecular Biotechnology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4526C</td>
<td>Experimental Molecular Cell Biology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4174</td>
<td>Foundation of Bio-Imaging Science</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select one of the following sequences of courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4280</td>
<td>Molecular Immunology and Immunology Laboratory</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3233L</td>
<td>Immunology and Immunology Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

Select 1:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCB 4414</td>
<td>Microbial Metabolism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4410</td>
<td>Cellular Metabolism</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4053</td>
<td>Biochemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 246L</td>
<td>Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>Organic Laboratory Techniques I</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

Physics

Select one of the following sequences of courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2053C</td>
<td>College Physics I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2054C</td>
<td>College Physics II</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Select 1:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry I or Applied Calculus</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAC 2253</td>
<td>Applied Calculus</td>
<td>GEP</td>
</tr>
</tbody>
</table>
### UCF Degree Programs

#### 5. Restricted Electives (6 hrs)
- Two courses minimum, no more than one may be taken outside the Molecular Biology and Microbiology Department.
- Each graduate must complete 3 credits of MCB 4912 or MCB 4970H or serve an internship. Only three hours of Honors thesis or undergraduate research will count toward the restrictive elective requirement.
- Those students who do not qualify for MCB 4970H may elect MCB 4912 Undergraduate Research as a substitute course, but a research report must be submitted to instructor after completion of research project.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4054</td>
<td>Biochemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BCH 4103L</td>
<td>Biochemical Methods</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MCB 3203</td>
<td>Pathogenic Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4404</td>
<td>Bacterial Genetics and Physiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4207</td>
<td>Infectious Processes</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4204</td>
<td>Cellular Microbiology; Host-Pathogen Interactions</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4503C</td>
<td>Virology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4603</td>
<td>Environmental Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 5225</td>
<td>Molecular Biology of Disease</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 5505</td>
<td>Molecular Virology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 5654</td>
<td>Applied Microbiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 5932</td>
<td>Current Topics in Molecular Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3063</td>
<td>Genetics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4521</td>
<td>Tissue Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4805</td>
<td>Endocrinology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5238</td>
<td>Immunobiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5275</td>
<td>Signal Transduction Mechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5236</td>
<td>Cancer Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4912</td>
<td>Directed Independent Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 4970H</td>
<td>Honors Undergraduate Thesis II</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. Students must take MCB 3203L Pathogenic Microbiology Lab in order for the combination to count as 1 restricted elective.

#### 6. Capstone Requirements
- None

#### 7. Foreign Language Requirements

**Admissions**
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

**Graduation**
- None

#### 8. Electives
- Variable

#### 9. Additional Requirements
- None

#### 10. Required Minors
- None

#### 11. Departmental Exit Requirements
- A student must complete all coursework in the baccalaureate curriculum as shown, and, earn a GPA of at least 2.0 for all coursework in the Prerequisites, Core and Restricted Electives.
- A minimum of 20 hours must be taken at UCF in the department of the major.
- Students will be required to pass a comprehensive test during their last semester.

#### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

**Total Semester Hours Required**
- 120

---

#### Honors in Major
- Application and admission through the department and the Burnett Honors College
- Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution.
- Complete the following with a grade of B or better:
  - BSC 3403C Honors Quantitative Biological Methods 4 hrs
  - Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis
  - MCB 4970H Honors Undergraduate Thesis II 3 hrs

#### Related Programs
- Biology
- Chemistry
- Medical Laboratory Sciences
- Biomedical Sciences

#### Certificates
- None

#### Related Minors
- Biology
- Chemistry
- Biomedical Sciences

#### Advising Notes
- None

#### Transfer Notes
- Students who begin a two semester sequence course (e.g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.

#### Acceptable Substitutes for Transfer Courses

<table>
<thead>
<tr>
<th>Substitutes for Common Program Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045C may be substituted with CHM 2040 and CHM 2041</td>
</tr>
<tr>
<td>BSC 2011C Biology II may be substituted with: BSC 3403C CHM 2045C Chemistry Fundamentals I and CHM 2040 CHM 2045C Chemistry Fundamentals I may be substituted with: CHM 2041</td>
</tr>
</tbody>
</table>

#### Plan of Study

**Freshman Year - Fall**
- ENC 1101 Composition I 3 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- GEP 3 hrs

**Sophomore Year - Fall**
- CHM 2210 Organic Chemistry I 3 hrs
- MCB 3202C General Microbiology 5 hrs
- GEP 3 hrs

**Select 1:**
- STA 2023 Statistical Methods I or
- CGS 1060C Introduction to Computers 3 hrs

**Sophomore Year - Spring**
- CHM 2211 Organic Chemistry II 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs
- GEP 3 hrs
- Restricted Elective or Elective 3 hrs
Select 1: 3 hrs
CHM 2211L Organic Laboratory Techniques I or 2 hrs
Elective 3 hrs

Sophomore Year - Summer 9 hrs
Restricted Elective or Elective 3 hrs
Elective 3 hrs

Select 1: 3 hrs
CHM 2211L Organic Laboratory Techniques I or 2 hrs
Elective 3 hrs

Junior Year - Fall 13 hrs
PCB 3522 Molecular Biology I 3 hrs
MCB 4720 Industrial Perspectives Seminar 3 hrs
GEP 3 hrs

Select 1: 4 hrs
PHY 2053C College Physics I or 4 hrs
PHY 2048C Physics for Engineers & Scientists I 4 hrs

1 *Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

Junior Year - Spring 15 hrs
PCB 4524 Molecular Biology II 3 hrs
PCB 4280 Molecular Immunology 3 hrs
PCB 3233L Immunology Laboratory 1 hr
PCB 4529C Experimental Molecular Cell Biology 4 hrs

Select 1: 4 hrs
PHY 2054C College Physics II or 4 hrs
PHY 2049C Physics for Engineers and Scientists II 4 hrs

1 *Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

Senior Year - Fall 12 hrs
BCH 4053 Biochemistry I or 3 hrs
MCB 4414 Microbial Metabolism 3 hrs

Senior Year - Spring 12 hrs
PCB 4174 Foundation of Bio-Imaging Science 3 hrs
GEP 3 hrs
Restricted Elective or Elective 3 hrs

Select 1: 3 hrs
BCH 4053 Biochemistry I or 3 hrs
MCB 4414 Microbial Metabolism 3 hrs

For students who transfer in their junior year from a Florida College System institution, the revised sequence of courses is provided (it is assumed that GEP and physics will be completed at an FCS institution):

Junior Year - Fall
Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

Senior Year - Fall
MCB 3020C General Microbiology 5 hrs
MCB 4720 Industrial Perspectives Seminar 3 hrs
Restricted Elective 3 hrs
Free Elective 3 hrs

Junior Year - Spring
PCB 3522 Molecular Biology I 3 hrs
BSC 3403C Quantitative Biological Methods 4 hrs
BCH 4053 Biochemistry I 3 hrs
Restricted Elective 3 hrs

Senior Year - Fall
MCB 4414 Microbial Metabolism 3 hrs
MCB 4721C Methods in Biotechnology 4 hrs
MCB 4312 Molecular Biotechnology 3 hrs
Elective 3000 level 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oelas.ucf.edu/alc/academic_learning_compa.htm

Equipment Fees
- Part-Time Student: $39 per term
- Full-Time Student: $78 per term

Business Administration (B.A.B.A.)
College of Business Administration
Department of Management,
Business Administration II, Room: 101
Only offered at Regional Campuses.
http://www.bus.ucf.edu
Email: cba@bus.ucf.edu
Angelia Jones (Cocoa Advising), 321-433-7889
Christine Davis (Daytona Advising), 386-506-4021
Andrea Valez-Vasquez (Sanford-Lake Mary Advising), 407-708-2827
Lisa Cruz (Valencia West Advising), 407-582-5500
Phone: 407-823-2184

The Bachelor of Arts in Business Administration (B.A.B.A.) within the College of Business Administration is a degree that will allow students to tailor their degree program to meet the needs of their chosen profession, through the use of an existing minor and a foreign language. The B.A.B.A. degree is significantly different than the traditional business degree at UCF such as Marketing, Finance, Accounting, etc. The B.A.B.A. degree permits course enrollment across various disciplines, in correspondence with the academic and life goals of each student. As such, B.A.B.A. is an individualized program of study consisting of the common program prerequisites, an approved academic minor, one year of foreign language, and the business core. Students can choose any minor outside the College of Business. The B.A.B.A. degree enables UCF’s undergraduate students to graduate from the University with a specialized degree, having a business emphasis, uniquely designed by the student and his or her advisor.

Not eligible for a double degree or double major with another CBA major.

Admission Requirements
- 2.0 GPA and completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each Common Program Prerequisites class.
- Students wanting a Bachelor of Arts in Business Administration must apply for admission to the major.
- Any student receiving a B.A.B.A. degree must complete one-half (18) of the 36 upper level business courses for their degree program in the College of Business Administration.
- Students must earn at least a 2.0 GPA in the College of Business Administration.
- Students seeking a B.A.B.A. major must earn a grade of “C” (2.0) or better in each course applied toward the major.

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
Prefer: SPC 1608 Fundamentals of Oral Communication 3 hrs
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
- Required STA 2023 Statistical Methods I 3 hrs
- Required MAC 1105C College Algebra 3 hrs
D: Social Foundations (6 hrs)
Select 1: 3 hrs
- Required ECO 2013 Principles of Macroeconomics or
- Required ECO 2023 Principles of Microeconomics 3 hrs
Select 2: 3 hrs
- Suggested ANT 2000 General Anthropology or
- Suggested PSY 2012 General Psychology or
- Suggested SYG 2000 Introduction to Sociology 3 hrs
E: Science Foundations (6 hrs)
2. Common Program Prerequisites (CPP) (18 hrs)
- Must be completed with a "C" (2.0) or better.
- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
- ACG 2021 Principles of Financial Accounting 3 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs
Select one of the following sequences of courses:
- Must earn a "C" (2.0) or better in both MAC 2233 and STA 2023 to be waived from ECO 3401.
- ECO 3401 Quantitative Business Tools I 3 hrs
- or
- MAC 2233 Concepts of Calculus and STA 2023 Statistical Methods I 3 hrs
3. Core Requirements: Basic Level
- None
4. Core Requirements: Advanced Level (25 hrs)
First of subsequent semester in the College of Business Administration:
- BUL 3130 Legal and Ethical Environment of Business 3 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- FIN 3403C Business Finance 3 hrs
- 1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3375 Introduction to International Business 3 hrs
- MAN 3025 Management of Organizations 3 hrs
- MAR 3023 Marketing 3 hrs
- MAR 3203 Supply Chain and Operations Management 3 hrs
1 Required in the 1st or 2nd semester
2 Must be taken with GEB 3031
5. Restricted Electives
- None
6. Capstone Requirements (4 hrs)
- This course is taken in the graduating term and requires the following prerequisites:
- FIN 3403C Business Finance 3 hrs
- 1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- MAN 3025 Management of Organizations 3 hrs
- MAR 3203 Marketing 3 hrs
1 Required in 1st or 2nd semester
2 Must be taken with GEB 3031
7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or
- one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.
8. Electives
- None
9. Additional Requirements
- Students in the Bachelor of Arts Business Administration (BABA) major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000 level or higher, Business courses taken at UCF. Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on lack of progress in the major. Lack of Progress in the major will continue until such time as the student’s cumulative GPA in all Business courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Business courses in a subsequent term, that student will be dropped as a BABA major. A student who is dropped may seek readmission as a BABA major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a Business GPA of 2.0 or higher. Readmission is not automatic.
10. Required Minors
- None
11. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.
Total Semester Hours Required
- 120
12. Honors In Major
- None
13. Related Programs
- None
14. Certificates
- None
15. Related Minors
- None
16. Advising Notes
- None
17. Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.

Florida College System institution students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.

Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 18 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Acceptable Substitutes for Transfer Courses

- ACG 2021 Principles of Financial Accounting may be substituted with ACG X001 and X011.

Plan of Study

**Freshman Year - Fall**
- ENC 1101 Composition I
- MAC 1105C College Algebra
- ECO 2013 Principles of Macroeconomics
- Cultural Foundation I
- Elective

**Sophomore Year - Fall**
- ENC 1102 Composition II
- ECO 2023 Principles of Microeconomics
- CGS 2100C Computer Fundamentals for Business
- Social Foundation
- Elective

**Junior Year - Fall**
- ACG 2011 Principles of Financial Accounting
- SPC 1608 Fundamentals of Oral Communication
- Historical Foundation I
- Science
- Elective

**Senior Year - Fall**
- MAN 3025 Management of Organizations
- MAR 3203 Supply Chain and Operations Management
- Foreign Language
- Minor
- Minor

**Junior Year - Spring**
- ECO 3411 Quantitative Business Tools I
- GEB 3375 Introduction to International Business
- Foreign Language
- Minor
- Minor

**Senior Year - Spring**
- MAN 4720 Strategic Management
- BUL 3130 Legal and Ethical Environment of Business
- Minor
- Minor

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm](http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm)

Equipment Fees

- Part-Time Student: $15 per term
- Full-Time Student: $30 per term

Chemistry (B.S.)

**Department of Chemistry**

**Physical Sciences, Room: 255**

[http://chemistry.cos.ucf.edu/](http://chemistry.cos.ucf.edu/)

**Email:** pedro.patino@ucf.edu

Dr. Pedro Patino

Phone: 407-823-2246

**Admission Requirements**

- None

**Degree Requirements**

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in the major
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry
- Chemistry majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two-semester sequence has already been taken at the Florida College System institution
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- AA transfer students are expected to have completed the following courses before enrolling as a Chemistry major.

These classes are prerequisites for advanced science classes and students entering without these classes will be unable to register for most of the advanced courses.

- CHM 2045C Chemistry Fundamentals I
- CHM 2046 Chemistry Fundamentals II
- CHM 2046L Chemistry Fundamentals Laboratory
- CHM 2210 Organic Chemistry I
- CHM 2211 Organic Chemistry II
- CHM 2211L Organic Laboratory Techniques I
- MAC 2311C Calculus with Analytic Geometry I
- MAC 2312 Calculus with Analytic Geometry II
- PHY 2048C Physics for Engineers & Scientists I
- PHY 2049C Physics for Engineers and Scientists II

1. **UCF General Education Program (GEP)**

- Note: Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36

**A: Communication Foundations**

- Required ENC 1101 Composition I
- Required ENC 1102 Composition II
- Prefer SPC 1603C Fundamentals of Technical Presentations

**B: Cultural & Historical Foundations**

- Required MAC 2311C Calculus with Analytic Geometry I
- Prefer STA 2023 Statistical Methods I

**C: Mathematical Foundations**

- Required MAC 2312 Calculus with Analytic Geometry II
- Prefer STA 2023 Statistical Methods I

**D: Social Foundations**

- Required PHY 2048C Physics for Engineers & Scientists I
- Required PHY 2049C Physics for Engineers and Scientists II
UCF Degree Programs

2. Common Program Prerequisites (CPP) (24 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- Prior to enrolling in Chemistry, you must take the Chemistry Placement Test at http://knightsource.sdes.ucf.edu/placement

Select from the following courses:

- and complete all the following:
  - CHM 2046 Chemistry Fundamentals II 3 hrs
  - CHM 2210 Organic Chemistry I 3 hrs
  - MAC 2311C Calculus with Analytic Geometry I 4 hrs
  - PHY 2048C Physics for Engineers & Scientists I 4 hrs

3. Core Requirements: Basic Level (4 hrs)
- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Select either:

Basic Core: Required, satisfies the CPP

- or

- CHM 2040 Chemistry Fundamentals IA and 3 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs
- and complete all the following:
  - CHM 2046 Chemistry Fundamentals II 3 hrs
  - CHM 2210 Organic Chemistry I 3 hrs
  - MAC 2311C Calculus with Analytic Geometry I 4 hrs
  - PHY 2048C Physics for Engineers & Scientists I 4 hrs

Core: Additional requirements

- or

- BSC 2010C Biology I GEP
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- and complete all the following:
  - STA 2023 Statistical Methods I GEP
  - STA 1063C Basic Statistics Using Microsoft Excel or
  - STA 2023 Statistical Methods I GEP

4. Core Requirements: Advanced Level (34 hrs)

Select from the following courses:

- or

- BCH 4053 Biochemistry I 3 hrs
- CHM 3120 Analytical Chemistry 3 hrs
- CHM 3120L Analytical Chemistry Laboratory 1 hr
- CHM 3211L Organic Laboratory Techniques I 2 hrs
- CHM 3410 Physical Chemistry I 4 hrs
- CHM 3411 Physical Chemistry II 3 hrs
- CHM 3411L Physical Chemistry Laboratory 2 hrs
- CHM 4610 Inorganic Chemistry 3 hrs
- CHM 4610L Inorganic Chemistry Laboratory 2 hrs
- CHM 4130 Advanced Analytical Laboratory Technique 3 hrs
- CHM 4130L Advanced Analytical Chemistry Laboratory 2 hrs
- CHM 4912 Directed Independent Research 4 hrs
- CHM 4930 Chemistry Seminar I 1 hr
- CHM 4931 Chemistry Seminar II 1 hr

5. Restricted Electives (6 hrs)

Select from the following courses:

- or

- BCH 4054 Biochemistry II 3 hrs
- CHM 4220 Organic Chemistry III 3 hrs
- CHM 5225 Advanced Organic Chemistry 3 hrs
- CHM 5235 Applied Molecular Spectroscopy 3 hrs
- CHM 5450 Polymer Chemistry 3 hrs
- CHM 5451C Techniques in Polymer Science 3 hrs
- CHM 5580 Advanced Physical Chemistry 3 hrs
- CHS 4615 Environmental Chemistry 3 hrs

Directed Electives 3 hrs

- Course will be selected with the aid of a departmental advisor and approved in advance by the department chair.
- Course will be selected from the physical, biological, mathematical sciences and/or related disciplines and normally will be at the 3000/4000 level. Co-op courses cannot be used in the major.

6. Capstone Requirements

- None

7. Foreign Language Requirements

Admissions

- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

Graduation

- None

8. Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements

- Complete a minimum of 30 Chemistry credits from the UCF Chemistry Department.
- Achieve at least a “C” (2.0) grade in each UCF Chemistry course used to satisfy the major.
- The last 30 credit hours of regularly scheduled courses that satisfy degree requirements must be taken in Residence at UCF.
- Grades earned in the following will not be applied in the determination of the Chemistry GPA:
  - CHM 4912 Directed Independent Research 4 hrs
  - CHM 4930 Chemistry Seminar I 1 hr
  - CHM 4931 Chemistry Seminar II 1 hr

10. Required Minors

- None

11. Departmental Exit Requirements

- Students are required to take a nationally normed test in chemistry during their last semester. The exam will be given in the Fall and Spring semesters. Students who plan to graduate in the Summer must take the exam in the Spring.
- Students are required to submit an undergraduate research report for evaluation no later than the date posted by the Department in the semester they intend to graduate.
- The report must meet or exceed departmental requirements established for the report.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 120

Honor In Major

- None

Related Programs

- Forensic Science - Analysis Track
- Forensic Science - Biochemistry Track
- Biomedical Sciences
- Science Education - Chemistry
- Chemistry - Biochemistry Track

Certificates

- None

Related Minors

- Chemistry
- Biomedical Sciences
- Biology
- Physics
Advising Notes
- Students must satisfy each course’s prerequisites before enrolling in the class.

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:
  - CHM 2045C: may use CHM X040C plus CHM X041C.
  - Physics & Lab: Although the CPP allows substitution by other physics courses, they will not satisfy the major; thus the specified physics courses will still have to be taken.
- Physics: Although the CPP allows substitution by Organic Chemistry, both the specified Physics and Organic Chemistry classes are required in the major and will still have to be taken.

Plan of Study
- One of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Before registering for Chemistry, you must take the Chemistry Placement Test ~ http://knightsource.sdes.ucf.edu/placement
- Before registering for Math, you must take Math Placement Test ~ http://knightsource.sdes.ucf.edu/placement
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall 15 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- ENC 1101 Composition I 3 hrs

Freshman Year - Spring 14 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- THM 2210 Organic Chemistry I 3 hrs
- CHM 2045C Chemistry Fundamentals Laboratory 1 hr
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- ENC 1102 Composition II 3 hrs
- GEP 3 hrs

Sophomore Year - Fall 14 hrs
- CHM 2210 Organic Chemistry II 3 hrs
- PHY 2048C Physics for Engineers & Scientists I 4 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- Statistics 3 hrs

Sophomore Year - Spring 14 hrs
- CHM 2211 Organic Chemistry II 3 hrs
- CHM 2211L Organic Laboratory Techniques I 2 hrs
- PHY 2049C Physics for Engineers and Scientists II 4 hrs
- GEP 3 hrs
- Free Elective 2 hrs

Junior Year - Fall 16 hrs
- BCH 4053 Biochemistry I 3 hrs
- CHM 3120 Analytical Chemistry 3 hrs
- CHM 3120L Analytical Chemistry Laboratory 1 hr
- CHM 3215L Organic Laboratory Techniques I 2 hrs
- CHM 3410 Physical Chemistry I 4 hrs
- GEP 3 hrs

Junior Year - Spring 16 hrs
- CHM 3411 Physical Chemistry II 3 hrs
- CHM 3411L Physical Chemistry Laboratory 2 hrs
- CHM 4130 Advanced Analytical Laboratory Technique 3 hrs
- CHM 4610 Inorganic Chemistry 3 hrs
- CHM 4130L Advanced Analytical Chemistry Laboratory 2 hrs
- Restricted Elective 3 hrs

Senior Year - Fall 16 hrs
- CHM 4610L Inorganic Chemistry Laboratory 2 hrs
- CHM 4930 Chemistry Seminar I 1 hr
- CHM 4912 Directed Independent Research 2 hrs
- Restricted Elective 3 hrs
- GEP 3 hrs
- Free Elective 2 hrs
- Free Elective 3 hrs

Senior Year - Spring 15 hrs
- CHM 4912 Directed Independent Research 2 hrs
- CHM 4931 Chemistry Seminar II 1 hr
- GEP 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeps.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Chemistry - Biochemistry Track (B.S.)

College of Sciences
Department of Chemistry, Physical Sciences, Room: 255
http://www.cos.ucf.edu/chemistry
Email: pedro.patino@ucf.edu
Dr. Pedro Patino
Phone: 407-823-2246

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in the major.
- Students should consult with a departmental advisor before registering.
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry.
- Chemistry majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two semester sequence has already been taken at the Florida College System institution.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Courses designated in 1 (General Education Program) typically are spread throughout the 120 hours.
- AA transfer students are expected to have completed all of the following courses before enrolling as a Chemistry major; these classes are prerequisites for advanced science classes and students entering without these classes will be unable to register for most of the advanced courses.
- CHM 2045C Chemistry Fundamentals I 4 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- CHM 2210 Organic Chemistry I 3 hrs
- CHM 2211 Organic Chemistry II 3 hrs
- CHM 2211L Organic Laboratory Techniques I 2 hrs
- PHY 2049C Physics for Engineers and Scientists II 4 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- PHY 2048C Physics Laboratory 4 hrs
- PHY 2049C Physics for Engineers and Scientists I 4 hrs

Undergraduate Catalog 2014-2015
1. UCF General Education Program (GEP) (39 hrs)
- Note: Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Prefer STA 2023 Statistical Methods I 3 hrs

C: Mathematical Foundations (7 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs

D: Social Foundations (6 hrs)
- Select from the following:
  - A: Communication Foundations (9 hrs)
  - B: Cultural & Historical Foundations (9 hrs)
  - C: Mathematical Foundations (7 hrs)

2. Common Program Prerequisites (CPP) (20 hrs)
Select either:
- CHM 2045C Chemistry Fundamentals I 4 hrs
- CHM 2040 Chemistry Fundamentals IA and 3 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs
- and complete all the following 24 hrs
  - CHM 2046 Chemistry Fundamentals II and 3 hrs
  - CHM 2046L Chemistry Fundamentals Laboratory and 1 hr
  - CHM 2210 Organic Chemistry I and 3 hrs
  - CHM 2211 Organic Chemistry II and 3 hrs
  - CHM 2211L Organic Laboratory Techniques I and 2 hrs
  - MAC 2311C Calculus with Analytic Geometry I and 4 hrs
  - MAC 2312 Calculus with Analytic Geometry II and 4 hrs
  - PHY 2048C Physics for Engineers and Scientists I and GEP
  - PHY 2049C Physics for Engineers and Scientists II 4 hrs

3. Core Requirements: Basic Level (10 hrs)
All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP
Select either:
- CHM 2045C Chemistry Fundamentals I CPP
- CHM 2040 Chemistry Fundamentals IA and CPP
- CHM 2041 Chemistry Fundamentals IB CPP
- CHM 2046 Chemistry Fundamentals II and CPP
- CHM 2046L Chemistry Fundamentals Laboratory and CPP
- CHM 2210 Organic Chemistry I and CPP
- CHM 2211 Organic Chemistry II and CPP
- CHM 2211L Organic Laboratory Techniques I and CPP
- MAC 2311C Calculus with Analytic Geometry I and GEP/CPP
- MAC 2312 Calculus with Analytic Geometry II and GEP/CPP
- PHY 2048C Physics for Engineers & Scientists I and GEP/CPP
- PHY 2049C Physics for Engineers and Scientists II GEP/CPP

Basic Core: Additional Requirements 10 hrs
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

4. Core Requirements: Advanced Level (37 hrs)
Select from the following:
- BCH 4035 Biochemistry I 3 hrs
- BCH 4034 Biochemistry II 3 hrs
- BCH 4100L Biochemical Methods 2 hrs
- CHM 3410 Physical Chemistry I 4 hrs
- CHM 3411 Physical Chemistry II 3 hrs
- CHM 3411L Physical Chemistry Laboratory 2 hrs

5. Restricted Electives (10 hrs)
Select from the following:
- CHM 4130 Advanced Analytical Laboratory Technique 3 hrs
- CHM 4906 Directed Independent Study 1 hr
- CHM 5225 Advanced Organic Chemistry 3 hrs
- PCB 3522 Molecular Biology 3 hrs
- Additional upper level courses as approved by a departmental advisor

Additional physical, biological, and mathematical sciences courses:
- In addition to those listed above, course selected with the aid of a departmental advisor and approved in advance by the department chair may also be used.
- These courses should be at least at the 3000 level.

6. Capstone Requirements
None

7. Foreign Language Requirements
Admissions
- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
Complete a minimum of 30 Chemistry credits from the UCF Chemistry Department.
- Achieve at least a "C" (2.0) grade in each UCF Chemistry course used to satisfy the major.
- The last 30 credit hours of regularly scheduled courses that satisfy degree requirements must be taken in Residence at UCF.
- Grades earned in the following courses will not be applied in the determination of the Chemistry GPA:
  - CHM 4912 Directed Independent Research 4 hrs
  - CHM 4930 Chemistry Seminar I 1 hr
  - CHM 4931 Chemistry Seminar II 1 hr
  - MCB 3020C General Microbiology 5 hrs
  - PCB 3023 Molecular Cell Biology 3 hrs
  - PCB 3063 Genetics 3 hrs

10. Required Minors
None

11. Departmental Exit Requirements
- Students are required to take a nationally normed test in chemistry and biochemistry during their last semester.
- The exam will be given in the Fall and Spring semesters. Students who plan to graduate in the Summer must take the exam in the Spring. The student must achieve a satisfactory score on the exam.
- Students are required to submit an undergraduate research report for evaluation no later than the date posted by the department in the semester they intend to graduate.
- The report must meet or exceed departmental requirements established for the report.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
Sophomore Year - Fall 14 hrs
CHM 2211 Organic Chemistry I 3 hrs
CHM 2211L Organic Laboratory Techniques I 2 hrs
Lab may be taken in a later term if seats are not available.
CHM 3120 Analytical Chemistry 3 hrs
CHM 3120L Analytical Chemistry Laboratory 1 hr
PHY 2049C Physics for Engineers and Scientists II 4 hrs
PCB 3063 Genetics 3 hrs

Junior Year - Fall 14 hrs
BCH 4053 Biochemistry I 3 hrs
CHM 3215L Organic Laboratory Techniques II 2 hrs
PCB 3023 Molecular Cell Biology 3 hrs
GEP 3 hrs
GEP 3 hrs

Junior Year - Spring 13 hrs
BCH 4054 Biochemistry II 3 hrs
BC 4103L Biochemical Methods 2 hrs
MCB 3020C General Microbiology 5 hrs
GEP 3 hrs

Senior Year - Fall 16 hrs
CHM 3410 Physical Chemistry I 4 hrs
CHM 4912 Directed Independent Research 1 hr
Restricted Elective 3 hrs
 Restricted Elective 4 hrs
 Restricted Elective 3 hrs

Senior Year - Spring 15 hrs
CHM 4931 Chemistry Seminar II 1 hr
CHM 3411L Physical Chemistry Laboratory 2 hrs
CHM 4610 Inorganic Chemistry 3 hrs
CHM 4912 Directed Independent Research 2 hrs
GEP 4 hrs

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compakts.htm

Equipment Fees
Part-Time Student: $45 per term
Full-Time Student: $90 per term

Civil Engineering (B.S.C.E.)
College of Engineering and Computer Science
Department of Civil, Environmental, and Construction Engineering, Engineering II, Room: 211
http://www.cece.ucf.edu
Carol Ann Pohl, carolann.pohl@ucf.edu
Dr. F. Necati Catbas, necati.catbas@ucf.edu
Phone: 407-823-2841

Admission Requirements
Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C or CHM 2040 AND CHM 2041.

Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements (128 hrs)
The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing the courses from section 3 Basic Core Requirements, section 4 Advanced Core Requirements, section 5 Restricted Electives and section 6 Capstone Requirements listed below. Independent study courses generally do not satisfy major requirements.

A "C" (2.0) or better is required in each pre-requisite course in section 2 Common Program Prerequisites, section 3 Basic Core Requirements, section 4 Advanced Core Requirements, and section 6 Capstone Requirements.
UCF Degree Programs

1. UCF General Education Program (GEP)  (38 hrs)
   - The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College Systems or State University System should complete the GEP and the Common Program Prerequisites before transferring.

   A: Communication Foundations  (9 hrs)
   - Required ENC 1101 Composition I 3 hrs
   - Required ENC 1102 Composition II 3 hrs
   - Suggested SPC 1603C Fundamentals of Technical Presentations 3 hrs

   B: Cultural & Historical Foundations  (9 hrs)
   - Select two courses from Historical Foundations 6 hrs
   - Select one course from Cultural Foundations 3 hrs

   C: Mathematical Foundations  (7 hrs)
   - Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
   - Required STA 3032 Probability and Statistics for Engineers 3 hrs

   D: Social Foundations  (6 hrs)
   - Select one class from Social Foundation Group 1 3 hrs
   - Select one class from Social Foundation Group 2 3 hrs

   E: Science Foundations  (7 hrs)
   - Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
   - Prefer GEO 1200 Physical Geography 3 hrs

2. Common Program Prerequisites (CPP)  (19 hrs)
   - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs.
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - A grade of “C” (2.0) or better is required in each course in this section.
   - MAC 2311C Calculus with Analytic Geometry I GEP
   - MAC 2312 Calculus with Analytic Geometry II 4 hrs
   - MAC 2313 Calculus with Analytic Geometry III 4 hrs
   - MAP 2302 Ordinary Differential Equations I 3 hrs
   - PHY 2048C Physics for Engineers & Scientists I GEP
   - PHY 2049C Physics for Engineers and Scientists II 4 hrs

   Select one of the following sequences of courses:
   - Preferred course
     - CHS 1440 Principles of Chemistry 4 hrs
   - or - First alternative: Select all of the following:
     - CHM 2040 Chemistry Fundamentals IA and 3 hrs
     - CHM 2041 Chemistry Fundamentals IB 3 hrs
   - or - Second alternative
     - CHM 2045C Chemistry Fundamentals I 4 hrs

3. Core Requirements: Basic Level  (2 hrs)
   - EGS 1006C Introduction to the Engineering Profession 1 hr
   - EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level  (63 hrs)
   - EGN 3310 Engineering Analysis-Statics 3 hrs
   - EGN 3321 Engineering Analysis-Dynamics 3 hrs
   - EGN 3331 Mechanics of Materials 3 hrs
   - EGN 3343 Thermodynamics 3 hrs
   - EGN 3613 Engineering Economic Analysis 2 hrs
   - ENV 3001 Introduction to Environmental Engineering 3 hrs
   - CCE 4003 Introduction to the Construction Industry 3 hrs
   - STA 3032 Probability and Statistics for Engineers GEP
   - CGN 3700C Civil Engineering Measurements 4 hrs
   - CGN 3501C Civil Engineering Materials 3 hrs
   - CEG 4011C Geotechnical Engineering I 4 hrs
   - CES 4100C Structural Analysis I and Lab 4 hrs
   - CW 3201 Engineering Fluid Mechanics 3 hrs
   - CWR 4632C Water Resources Engineering I 4 hrs
   - TTE 3810 Highway Engineering 3 hrs
   - ENV 4531 Environmental Engineering Operations & Processes I 3 hrs
   - CES 4605 Steel Structures 3 hrs
   - CES 4702 Reinforced Concrete Structures 3 hrs

   Select 3:
   - Take 3 from the following:
     - CEG 4012 Geotechnical Engineering II or 3 hrs
     - CWR 4633C Water Resources Engineering II or 3 hrs
     - ENV 4561 Environmental Engineering Operations & Processes II or 3 hrs
     - TTE 4274 Transportation Engineering Systems 3 hrs

1  A “C” (2.0) or better is required in this course.

5. Restricted Electives
   - Some students may need to take technical electives to satisfy hour shortages because of transfer status.
   - Technical electives are available in the BSCE program to address specific student interests in a variety of technical areas. Students should consult the CECE Web site and their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements  (6 hrs)
   - Senior Design Courses
     - CGN 4808C CECE Capstone Design 3 hrs

   Design Specialization  3 hrs
   - CEG Geotechnical Engineering Design or 4801C
   - CES 4743C Structural Design or 3 hrs
   - CWR Water Resources Design or 4812C
   - ENV 4562C Environmental Engineering Water Treatment Design or 3 hrs
   - TTE 4601C Urban Systems Design or 3 hrs

1  A “C” (2.0) or better is required in this course.

7. Foreign Language Requirements
   - Admissions
     - Two years of foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.
   - Graduation
     - None
   - 8. Electives
     - None

9. Additional Requirements
   - Civil engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year. Applications must be received by the Florida Board of Professional Engineers approximately 6 months in advance of your exam date.

10. Required Minors
    - None

11. Departmental Exit Requirements
    - None

12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be completed in residency at UCF.
    - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 128
- Honors In Major
- None
Sophomore Year - Summer 9 hrs
Sophomore Year - Spring 16 hrs
Sophomore Year - Fall 14 hrs
Freshman Year - Spring 14 hrs
Freshman Year - Fall 14 hrs

Advising Notes
- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Civil Engineering program offers the opportunity for exceptionally well qualified undergraduates to enter directly into the PhD program after completion of an appropriate BS degree. This option allows outstanding undergraduates to begin planning a research program with a specific faculty advisor even before finishing the BS, and may allow completion of the PhD in a shorter time period than by taking a separate Masters followed by the PhD.

Transfer Notes
- Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information (course syllabus) with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour for each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study (128 hrs)
- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their departmental academic advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall 14 hrs
ENC 1101 Composition I 3 hrs
GEP   6 hrs
MAC 2311C Calculus with Analytic Geometry I 4 hrs
EGS 1006C Introduction to the Engineering Profession 1 hr

Freshman Year - Spring 14 hrs
ENC 1102 Composition II 3 hrs
MAC 2312 Calculus with Analytic Geometry II 4 hrs
PHY 2048C Physics for Engineers & Scientists I 4 hrs
EGN 1007C Engineering Concepts and Methods 1 hr
EGN 3613 Engineering Economic Analysis 2 hrs

Sophomore Year - Fall 14 hrs
MAC 2313 Calculus with Analytic Geometry III 4 hrs
CHS 1440 Principles of Chemistry 4 hrs
EGN 3310 Engineering Analysis-Statics 3 hrs
GEP   3 hrs

Sophomore Year - Spring 16 hrs
MAP 2302 Ordinary Differential Equations I 3 hrs
PHY 2049C Physics for Engineers and Scientists II 4 hrs
EGN 3321 Engineering Analysis-Dynamics 3 hrs
EGN 3331 Mechanics of Materials 3 hrs
GEP   3 hrs

Sophomore Year - Summer 9 hrs
ENV 3001 Introduction to Environmental Engineering 3 hrs
STA 3032 Probability and Statistics for Engineers 3 hrs
GEP   3 hrs

Junior Year - Fall 17 hrs
CWR 3201 Engineering Fluid Mechanics 3 hrs
CCE 4003 Introduction to the Construction Industry 3 hrs
CGN 3501C Civil Engineering Materials 3 hrs
CES 4100C Structural Analysis I and Lab 4 hrs
CGN 3700C Civil Engineering Measurements 4 hrs

Junior Year - Spring 17 hrs
GEP   3 hrs
CES 4702 Reinforced Concrete Structures 3 hrs
CEG 4011C Geotechnical Engineering I 4 hrs
CWR 4632C Water Resources Engineering I 4 hrs
TTE 3810 Highway Engineering 3 hrs

Senior Year - Fall 15 hrs
CES 4605 Steel Structures 3 hrs
ENV 4531 Environmental Engineering Operations & Processes I 3 hrs

Senior Year - Spring 12 hrs
GEP   3 hrs
EGN 3343 Thermodynamics 3 hrs
CGN 4808C CECE Capstone Design 3 hrs

Design Elective 3 hrs
CWR 4633C Water Resources Design or 3 hrs
CWR 4632C Water Resources Engineering II or 3 hrs
TTE 4274 Transportation Engineering Systems or 3 hrs
TTE 4010C Urban Systems Design or 3 hrs

Communication Sciences and Disorders (B.A. / B.S.)

College of Health and Public Affairs
Department of Communication Sciences and Disorders, Health and Public Affairs II, Room: 101
http://www.cohpa.ucf.edu/comdis/
Email: csdundergraduate@ucf.edu
Dr. Cecyle Carson, Undergraduate Program Coordinator
Phone: 407-823-4798

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor.
UCF Degree Programs

- The courses designated in section 1 below may be taken at a Florida College System institution, and usually should be completed in the first 60 hours.
- Students must earn at least a “C-“ (1.75) in each prerequisite course, core course, restricted elective, and B.A./B.S. elective.
- Communication Sciences and Disorders is an unrestricted major, however, negative criminal background checks may result in the inability to complete coursework in this major.

1. UCF General Education Program (GEP) (36 hrs)
   - A: Communication Foundations (9 hrs)
     - Prefer SPC 1608 Fundamentals of Oral Communication
   - B: Cultural & Historical Foundations (9 hrs)
   - A: Communication Foundations (9 hrs)

2. Core Requirements: Basic Level
   - None

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level (56 hrs)
   - Core Requirements 53 hrs
     - DEP 2004C Developmental Psychology 3 hrs
     - SPA 3471 Communication Disorders in Literature and Media 3 hrs
     - SPA 3101 Physiological Bases of Speech and Hearing 3 hrs
     - SPA 3112 Basic Phonetics 3 hrs
     - SPA 3112L Basic Phonetics Lab 1 hr
     - LIN 3716 Language Development 3 hrs
     - LIN 3716L Language Development Lab 2 hrs
     - SPA 3011 Speech Science I: Production 3 hrs
     - SPA 3011L Speech Production Lab 1 hr
     - SPA 3104 Neural Bases of Communication 3 hrs
     - SPA 3123 Speech Science II: Perception 3 hrs
     - SPA 3123L Speech Perception Lab 1 hr
     - SPA 4476 Speech Disorders Across the Lifespan 3 hrs
     - SPA 4032 Audiology 3 hrs
     - SPA 4478 Multicultural Aspects of Communication Disorders & Differences 3 hrs
     - SPA 4400 Language Disorders Across the Life Span 3 hrs
     - LIN 3713 Language Science 3 hrs
     - SPA 4870C Capstone Course 3 hrs
     - SPA 4326 Hearing Disorders Across the Lifespan 3 hrs
   - Select 1: 3 hrs
     - EAB 3703C Principles of Behavior Modification or 4 hrs
     - EEX 4601 Introduction to Behavior Management or 3 hrs
     - EEB 4604 Classroom Management and Guidance of Young Children or 3 hrs

5. Restricted Electives (9 hrs)
   - An additional nine credit hours of upper division course work in Communication Sciences and Disorders selected from a list provided in the CSD Department or in consultation with a CSD undergraduate advisor.

6. Capstone Requirements
   - SPA 4803 Research Methods in Communication Sciences and Disorders 3 hrs
   - SPA 4870C Capstone Course 3 hrs

7. Foreign Language Requirements
   - Admissions
     - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
   - Graduation
     - None

8. Electives
   - Students can choose 12 hours of electives. A minor or certificate is encouraged.

9. Additional Requirements
   - None

10. Required Minors
    - None

11. Departmental Exit Requirements
    - Students must achieve a minimum grade of “C-“ (1.75) in all prerequisite courses, core courses, restricted electives, and B.A./B.S. electives in the department.
    - Students must also earn an overall minimum of 2.0 GPA in the courses used to satisfy the major.

12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be completed in residency at UCF.
    - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

13. Total Semester Hours Required
    - 120

Honors in Major
- Interested students should consult with the undergraduate program coordinator.
Related Programs
- Health Services Administration
- Psychology
- Social Work
- Exceptional Student Education
- Early Childhood Education
- Physical Therapy

Certificates
- None

Related Minors
- Exceptional Education
- Early Childhood Education
- Aging Studies
- Health Services Administration
- Human Communication
- Linguistics
- Psychology
- Spanish

Advising Notes
- Certification in speech-language pathology by the American Speech-Language-Hearing Association and licensure by the State of Florida Department of Health, Division of Medical Quality Assurance requires a master's degree in Communication Sciences and Disorders.

Transfer Notes
- "D" (1.0) grades are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Students may take STA 2014C or STA 2023 to fulfill the first part of the statistics requirement.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- PSY 2012 General Psychology 3 hrs
- Any BSC course or ANT X511 3 hrs
- Free Electives 6 hrs

Select 1:
- ARH 2050 History of Western Art I or 3 hrs
- ARH 2051 History of Western Art II or 3 hrs
- MUL 2010 Enjoyment of Music or 3 hrs
- THE 2200 Theatre Survey or 3 hrs
- REL 2300 World Religions or 3 hrs
- PHI 2010 Introduction to Philosophy or 3 hrs
- LIT 2110 World Literature I or 3 hrs
- LIT 2120 World Literature II or 3 hrs
- FIL 1000 Cinema Survey 3 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- DEP 2004C Developmental Psychology 3 hrs

Select 1:
- PHY, PSC, or CHM Course 3 hrs

Select 1:
- ECO 2013 Principles of Macroeconomics or 3 hrs
- ECO 2023 Principles of Microeconomics or 3 hrs
- POS 2041 American National Government 3 hrs

Select 1:
- EUH 2000 Western Civilization I or 3 hrs
- HUM 2210 Humanistic Tradition I or 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs

Sophomore Year - Fall
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- SPA 3471 Communication Disorders in Literature and Media 3 hrs
- Free Elective 3 hrs

Select 1:
- EUH 2001 Western Civilization II or 3 hrs
- HUM 2230 Humanistic Tradition II or 3 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs

Select 1:
- MGF 1106 Finite Mathematics or 3 hrs
- MAC 1105C College Algebra 3 hrs

Sophomore Year - Spring
- STA 2014C Principles of Statistics or 3 hrs
- STA 2023 Statistical Methods I or 3 hrs

Sophomore Year - Summer
- STA 3011 Speech Science I: Production 3 hrs
- SPA 3011L Speech Production lab 1 hr
- SPA 3101 Physiological Bases of Speech and Hearing 3 hrs
- LIN 3713 Language Science 3 hrs
- Restricted Elective 3 hrs

Junior Year - Fall
- SPA 3123 Speech Science II: Perception 3 hrs
- SPA 3123L Speech Perception Lab 1 hr
- SPA 4476 Speech Disorders Across the Lifespan 3 hrs
- SPA 4478 Language Disorders Development 3 hrs
- LIN 3716 Language Development 3 hrs
- LIN 3716L Language Development Lab 2 hrs

Senior Year - Fall
- SPA 4032 Audiology 3 hrs
- SPA 4400 Language Disorders Across the Life Span 3 hrs
- SPA 4478 Multicultural Aspects of Communication Disorders & Differences 3 hrs

Select 1:
- STA 4163 Statistical Methods II or 3 hrs
- SPA 4803 Research Methods in Communication Sciences and Disorders 3 hrs

Senior Year - Spring
- SPA 4326 Hearing Disorders Across the Lifespan 3 hrs
- SPA 4870C Capstone Course 3 hrs
- Restricted Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $17.50 per term
- Full-Time Student: $35 per term
UCF Degree Programs

Computer Engineering (B.S.P.E.)
College of Engineering and Computer Science
Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 346
http://www.eecs.ucf.edu

Email: undergraduate@eecs.ucf.edu

Dr. Samuel Richie
Charlese Hilton-Brown
Phone: 407-823-3327

Admission Requirements
- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements
- None

1. UCF General Education Program (GEP)  (38 hrs)
- The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

A: Communication Foundations  (9 hrs)
- Required ENC 1101 Composition I  3 hrs
- Required ENC 1102 Composition II  3 hrs

Select 1:  3 hrs
- Suggested SPC 1603C Fundamentals of Technical Presentations or Foundations of Oral Communication  3 hrs
- Suggested SPC 1608 Fundamentals of Oral Communication  3 hrs

B: Cultural & Historical Foundations  (9 hrs)
- Select two courses from Historical Foundations  6 hrs
- Select one course from Cultural Foundations  3 hrs

C: Mathematical Foundations  (7 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I  4 hrs
- Required STA 3032 Probability and Statistics for Engineers  3 hrs

D: Social Foundations  (6 hrs)
- Select 1:  3 hrs
- Prefer ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics  3 hrs
- Select one course from Social Foundations  3 hrs

E: Science Foundations  (7 hrs)
- Required PHY 2048C Physics for Engineers & Scientists I  4 hrs
- Select one course from Science Foundations  3 hrs

2. Common Program Prerequisites (CPP)  (19 hrs)
- These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in CpE major courses, a 2.0 (C or better) in each course is required for those course indicated.
- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

Select 1:  4 hrs
- CHS 1440 Principles of Chemistry or CHM 2045C Chemistry Fundamentals I  4 hrs
- 1 A "C" (2.0) or better is required in this course.
- Preferred

3. Core Requirements: Basic Level  (2 hrs)
- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing these courses, together with the courses required for the major in section 4 below, technical elective courses listed in section 5 below and with the senior design courses listed in section 6 below. Independent study courses generally do not satisfy major requirements.

EGS 1005C Introduction to the Engineering Profession  1 hr
EGN 1007C Engineering Concepts and Methods  1 hr

4. Core Requirements: Advanced Level  (57 hrs)

Engineering Core  6 hrs
- EGN 3310 Engineering Analysis-Statics  3 hrs
- STA 3032 Probability and Statistics for Engineers  3 hrs

Select 1:  3 hrs
- EGN 3321 Engineering Analysis-Dynamics or EGN 3358 Thermo-Fluids-Heat Transfer  3 hrs

Courses Required for the Major  48 hrs
- ECO 2013 Principles of Microeconomics or ECO 2023 Principles of Macroeconomics  3 hrs
- COP 3330 Object Oriented Programming  3 hrs
- COP 4331C Processes for Object-Oriented Software Development  3 hrs
- EE 3307C Electronics I  4 hrs
- EE 3342C Digital Systems  3 hrs
- EEL 3801C Computer Organization  3 hrs
- EEL 4742C Embedded Systems  4 hrs
- EEL 4768 Computer Architecture  3 hrs
- EEL 4781 Computer Communication Networks  3 hrs
- COP 4600 Operating Systems  3 hrs
- EGN 3211 Engineering Analysis and Computation  3 hrs

5. Restricted Electives  (9 hrs)
- Technical electives are available in the BScpE program to address specific student interests in a variety of technical areas such as Software Engineering. Students should consult with their academic advisor for the identification of courses which are approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements  (6 hrs)
- EEL 4914 Senior Design I  3 hrs
- EEL 4915L Senior Design II  3 hrs

7. Foreign Language Requirements

Admissions
- None

8. Electives
- None

9. Additional Requirements
- Computer engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the EECS Department at UCF and applicable to the degree program.

10. Required Minors
- None
11. Departmental Exit Requirements
- CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 128

Honors In Major
- None

Related Programs
- Computer Science
- Electrical Engineering
- Information Technology
- Mathematics - Engineering/Physics Track
- Physics

Advising Notes
- Each engineering student should meet regularly with an academic advisor in the major department.
- Students are assumed to have knowledge of a higher level programming language (C preferred).
- The Computer Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated program section in the back of this catalog for more information.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.

Transfer Notes
- Courses taken from Florida College System Institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their faculty advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall
- EGS 1006C: Introduction to the Engineering Profession (1 hr)
- MAC 2311C: Calculus with Analytic Geometry I (4 hrs)
- GEP - Historical Foundation (3 hrs)
- Select 1: 3 hrs

Sophomore Year - Fall
- EEL 4768: Computer Architecture (3 hrs)
- EEL 4915L: Senior Design II (3 hrs)
- STA 4124: Probability and Statistics for Engineers (3 hrs)
- EEB 4307C: Electronics I (4 hrs)
- Select 1: 3 hrs

Junior Year - Fall
- EEL 3123C: Networks and Systems (3 hrs)
- EEL 3801C: Computer Organization (3 hrs)
- GEP - Cultural Foundation (3 hrs)
- Select 1: 3 hrs

Senior Year - Fall
- COP 4331C: Processors for Object-Oriented Software Development (3 hrs)
- EEL 4914: Senior Design I (3 hrs)
- Restricted Elective (3 hrs)
- Restricted Elective (3 hrs)
- Select 1: 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $30 per term
- Full-Time Student: $60 per term
UCF Degree Programs

Computer Science (B.S.)

College of Engineering and Computer Science

Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 346

http://www.eecs.ucf.edu

Email: undergraduate@eecs.ucf.edu

Dr. Ali Orooji
Julie Faris
Phone: 407-823-3327

Foundation Examination: Prior to taking courses beyond basic core requirements, students must pass a foundation exam (COT 3960) which covers problem solving techniques, algorithms, abstraction, proofs, and programming language skills. Tests will be administered each semester. Refer to the computer science website for more information about the foundation exam.

Admission Requirements

[ ] None

Degree Requirements

[ ] Students are required to consult with a departmental advisor and file a plan of study after passing the foundation exam

[ ] Students must meet a Residency Requirement of at least 24 semester hours of regularly scheduled 3000-5000 level courses taken from the Computer Science Division at UCF

[ ] 18 of the 24 Residency hours must be at the 4000-5000 level

[ ] Students must earn at least a 2.0 in each course

1. UCF General Education Program (GEP) (39 hrs)

A: Communication Foundations (9 hrs)

Required ENC 1101 Composition I 3 hrs

Required ENC 1102 Composition II 3 hrs

Select 1:

Prefer SPC 1603C Fundamentals of Technical Presentations 3 hrs

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (7 hrs)

Required MAC 2311C Calculus with Analytic Geometry I 4 hrs

Required STA 2023 Statistical Methods I 3 hrs

D: Social Foundations (6 hrs)

E: Science Foundations (8 hrs)

Prefer BSC 2010C Biology I 4 hrs

Prefer PHY 2048C Physics for Engineers & Scientists I 4 hrs

2. Common Program Prerequisites (CPP) (17 hrs)

[ ] A “C” (2.0) or better is required in all courses in this area.

[ ] See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

COP 3223 Introduction to Programming with C 3 hrs

MAC 2311C Calculus with Analytic Geometry I GEP

MAC 2312 Calculus with Analytic Geometry II 4 hrs

PHY 2048C Physics for Engineers & Scientists I GEP

PHY 2049C Physics for Engineers and Scientists III 4 hrs

Select 2:

[ ] 4 hours for this requirement assumes that BSC 2010C is taken since the hours for this course are also in the GEP.

BSC 2010C Biology I or GEP

BSC 2011C Biology II or 4 hrs

CHM 2045C Chemistry Fundamentals I or 4 hrs

CHM 2046 Chemistry Fundamentals II or 3 hrs

PHY 3101 Physics for Engineers and Scientists III 3 hrs

3. Core Requirements: Basic Level (24 hrs)

[ ] A “C” (2.0) or better is required in all courses in this area.

STA 2023 Statistical Methods I GEP

COP 3330 Object Oriented Programming 3 hrs

COP 3502C Computer Science I 3 hrs

COP 3503C Computer Science II 3 hrs

ENC 3241 Writing for the Technical Professional 3 hrs

CDA 3103 Computer Logic and Organization 3 hrs

CIT 3100C Introduction to Discrete Structures 3 hrs

CIS 3360 Security in Computing 3 hrs

COP 3402 Systems Software 3 hrs

COT 3960 CS Foundation Exam 0 hrs

4. Core Requirements: Advanced Level (21 hrs)

[ ] A “C” (2.0) or better is required in all courses in this area.

[ ] Students must maintain at least a 2.5 GPA in the following courses. Only the highest grade is used in the calculation.

COP 4331C Processes for Object-Oriented Software Development 3 hrs

EEL 4768 Computer Architecture 3 hrs

COT 4210 Discrete Structures II 3 hrs

COP 4202 Programming Languages I 3 hrs

COP 4600 Operating Systems 3 hrs

COP 4934 Senior Design I 3 hrs

COP 4935 Senior Design II 3 hrs

5. Restricted Electives (15 hrs)

[ ] A “C” (2.0) or better is required in all courses in this area.

4000-5000 level Computer Science courses 9 hrs

Must be offered by Computer Science at UCF. At most 3 hours of independent study allowed. No internship or cooperative education credits are allowed. Approved IT courses offered by Computer Science may also be used toward this requirement (3 credits).

Advanced mathematics or statistics 6 hrs

[ ] Choose at least two courses from the following list of approved choices to satisfy this requirement:

[ ] Any 4000-5000 level courses with STA, MAP, MAA, MAD or MAS prefixes, except independent study hours, internship, or cooperative education hours.

MAC 2313 Calculus with Analytic Geometry III 4 hrs

MAP 2302 Ordinary Differential Equations I 3 hrs

MAS 3105 Matrix and Linear Algebra 4 hrs

MAS 3106 Linear Algebra 4 hrs

6. Capstone Requirements

[ ] None

7. Foreign Language Requirements

Admissions

[ ] Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

Graduation

[ ] Proficiency exam in a second language, one semester of college level Foreign Language, or 3 credits of multicultural courses approved by Computer Science.

8. Electives (4 hrs)

[ ] Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements

[ ] None

10. Required Minors

[ ] None

11. Departmental Exit Requirements

[ ] Complete an exit survey

12. University Minimum Exit Requirements

[ ] A 2.0 UCF GPA

[ ] 60 semester hours earned after CLEP awarded

[ ] 48 semester hours of upper division credit completed

[ ] 30 of the last 39 hours of course work must be completed in residency at UCF.

UNIVERSITY OF CENTRAL FLORIDA 168 Undergraduate Catalog 2014-2015
### Plan of Study

**Freshman Year - Fall**
- ENC 1101 Composition I 3 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- COP 3502 Computer Science I 3 hrs  
  - COP 3103C Computer Logic and Organization 3 hrs
- COP 3501C Introduction to Discrete Structures 3 hrs

**Freshman Year - Spring**
- ENC 1102 Composition II 3 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs  
  - MAC 2312 Calculus with Analytic Geometry II 4 hrs
- COP 4020 Programming Languages I 3 hrs
- MAC 2311C Calculus with Analytic Geometry I 3 hrs
- COP 3810 Computer Architecture 3 hrs

**Sophomore Year - Fall**
- COP 3402 Systems Software 3 hrs
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- PHY 2048C Physics for Engineers & Scientists I 4 hrs
- COP 3503C Computer Science II 3 hrs
- COP 4020 Programming Languages I 3 hrs

**Sophomore Year - Spring**
- COP 4331C Processes for Object-Oriented Software Development 3 hrs
- ENC 3241 Writing for the Technical Professional 3 hrs
- PHY 2049C Physics for Engineers and Scientists II 4 hrs
- CIS 3360 Security in Computing 3 hrs

**Sophomore Year - Summer**
- STA 2023 Statistical Methods I 3 hrs
- STA 2023 Statistical Methods I 3 hrs
- COP 4020 Programming Languages I 3 hrs
- COP 3503C Computer Science II 3 hrs

**Junior Year - Fall**
- EEL 4768 Computer Architecture 3 hrs
- EEL 4768 Computer Architecture 3 hrs
- COP 3502 Computer Science I 3 hrs
- COP 4934 Senior Design I 3 hrs
- MAC 2312 Calculus with Analytic Geometry II 3 hrs

**Junior Year - Spring**
- COP 4934 Senior Design I 3 hrs
- COP 4934 Senior Design I 3 hrs
- COP 4934 Senior Design I 3 hrs
- COP 4934 Senior Design I 3 hrs
- COP 4934 Senior Design I 3 hrs

### Degree Requirements (128 hrs)

- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing the courses from section 3 Basic Core Requirements, section 4 Advanced Core Requirements, section 5 Restricted Electives and section 6 Capstone Requirements listed below. Independent study courses generally do not satisfy major requirements.  
  - A "C" (2.0) or better is required in each pre-requisite course in section 2 Common Program Prerequisites, section 3 Basic Core Requirements, section 4 Advanced Core Requirements, and section 6 Capstone Requirements.  

#### 1. UCF General Education Program (GEP) (38 hrs)
- The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University system should complete the GEP and the Common Program Prerequisites before transferring.

#### A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Suggested MAC 2312 Calculus with Analytic Geometry II 3 hrs

#### B: Cultural & Historical Foundations (9 hrs)
- Select two courses from Historical Foundations 6 hrs
- Select one class from Cultural Foundations 3 hrs
UCF Degree Programs

C: Mathematical Foundations (7 hrs)
Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
Required STA 3032 Probability and Statistics for Engineers 3 hrs

D: Social Foundations (6 hrs)
Select one class from Social Foundation Group 1 3 hrs
Select one course from Social Foundation Group 2 3 hrs

E: Science Foundations (7 hrs)
Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
Prefer GEO 1200 Physical Geography 3 hrs

2. Common Program Prerequisites (CPP) (19 hrs)
These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. Note: MAC 2311C and PHY 2048/48L also satisfy UCF GEP.
See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
A grade of “C” (2.0) or better is required in each course in this section:
MAC 2311C Calculus with Analytic Geometry I GEP
MAC 2312 Calculus with Analytic Geometry II 4 hrs
MAC 2313 Calculus with Analytic Geometry III 4 hrs
MAP 2302 Ordinary Differential Equations I 3 hrs
PHY 2048C Physics for Engineers & Scientists I GEP
PHY 2048C Physics for Engineers and Scientists II 4 hrs

Select one of the following sequences of courses:
- Preferred course
CHS 1440 Principles of Chemistry 4 hrs
or - First alternative: Select both of the following:
CHM 2040 Chemistry Fundamentals IA and 3 hrs
CHM 2041 Chemistry Fundamentals IB 3 hrs
or - Second alternative
CHM 2045C Chemistry Fundamentals I 4 hrs

3. Core Requirements: Basic Level (2 hrs)
EGS 1006C Introduction to the Engineering Profession 1 hr
EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (60 hrs)
1 EGN 3310 Engineering Analysis-Statics 3 hrs
1 EGN 3321 Engineering Analysis-Dynamics 3 hrs
1 EGN 3331 Mechanics of Materials 3 hrs
1 STA 3032 Probability and Statistics for Engineers GEP
1 EGN 3613 Engineering Economic Analysis 2 hrs
1 ENV 3001 Introduction to Environmental Engineering 3 hrs
1 CWR 3201 Engineering Fluid Mechanics 3 hrs
1 CCE 4003 Introduction to the Construction Industry 3 hrs
1 CCE 4034 Construction Estimating and Scheduling 3 hrs
1 CCE 4810C Construction Design Project 3 hrs
1 CCE 4810C Construction Design Project 3 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs
1 CES 4100C Structural Analysis I and Lab 4 hrs

Structural Depth 3 hrs
CSE 4605 Steel Structures or 3 hrs
CSE 4702 Reinforced Concrete Structures 3 hrs

Additional Area Depth Sequence
- Geotechnical Engineering
CEG 4911C Geotechnical Engineering I and 4 hrs
CEG 4911C Geotechnical Engineering I and 4 hrs
CEG 4911C Geotechnical Engineering I and 4 hrs
or - Transportation Engineering
TTE 3810 Highway Engineering and 3 hrs
TTE 4274 Transportation Engineering Systems 3 hrs

5. Restricted Electives (3 hrs)
Technical electives are available in the BSConE program to address specific student interests in a variety of technical areas. Students should consult the CECE Web site and their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements (6 hrs)
Required Senior Design Courses
1 CCE 4810C Construction Design Project 3 hrs
CGN 4808C CECE Capstone Design 3 hrs

1 A “C” (2.0) or better is required in this course.

7. Foreign Language Requirements
Admissions
Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
None
8. Electives
None
9. Additional Requirements
Construction engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year. Applications must be received by the Florida Board of Professional Engineers approximately 6 months in advance of your exam date.
10. Required Minors
None
11. Departmental Exit Requirements
None
12. University Minimum Exit Requirements
A 2.0 UCF GPA
60 semester hours earned after CLEP awarded
48 semester hours of upper division credit completed
30 of the last 39 hours of course work must be completed in residency at UCF.
A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.
Total Semester Hours Required
128
Honors In Major
None
Related Programs
Civil Engineering
Environmental Engineering
Certificates
None
Related Minors
Mathematics
Engineering Leadership
Business
Advising Notes
Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
The Construction Engineering program offers the opportunity for exceptionally well qualified undergraduates to enter directly into the PhD program after completion of an appropriate BS degree. This option allows outstanding undergraduates to begin planning a research program with a specific faculty advisor even before finishing the BS, and may allow completion of the PhD in a shorter time period than by taking a separate Master’s followed by the PhD.
## UCF Degree Programs

**Criminal Justice (B.A. / B.S.)**

**College of Health and Public Affairs**

Department of Criminal Justice, Health and Public Affairs, Room: 311

http://www.cohpa.ucf.edu/crim.jus/

Email: cjadvise@mail.ucf.edu

Cory Watkins

Phone: 407-823-2603

### Admission Requirements

- None

### Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University system.
- The courses designated in section 1 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- Students must earn a minimum 2.0 overall GPA in the core requirements and the restricted electives.
- Students must earn a grade of C- (1.75) or better in each core course.

### 1. UCF General Education Program (GEP) (36 hrs)

| A: Communication Foundations | (9 hrs) |
| B: Cultural & Historical Foundations | (9 hrs) |
| C: Mathematical Foundations | (6 hrs) |

### Select 1: (3 hrs)

- Suggested GCS 1060C Introduction to Computers or
- Suggested STA 2014C Principles of Statistics

### Select 1: (3 hrs)

- Suggested MGF 1106 Finite Mathematics or
- Suggested MGF 1107 Explorations in Mathematics

### D: Social Foundations (6 hrs)

| E: Science Foundations (6 hrs) |

### 2. Common Program Prerequisites (CPP)

- None

### 3. Core Requirements: Basic Level

- None

### 4. Core Requirements: Advanced Level (21 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

### Credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EGS 1006C</td>
<td>Introduction to the Engineering Profession</td>
<td>1 hr</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2046C</td>
<td>Physics for Engineers &amp; Scientists I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EGN 1007C</td>
<td>Engineering Concepts and Methods</td>
<td>1 hr</td>
</tr>
<tr>
<td>MAP 2302</td>
<td>Ordinary Differential Equations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EGN 3331</td>
<td>Mechanics of Materials</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>Physics for Engineers &amp; Scientists II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ENV 3001</td>
<td>Introduction to Environmental Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EGN 3310</td>
<td>Engineering Analysis-Statics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Engineering Economic Analysis</td>
<td>2 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>CCE 4003</td>
<td>Introduction to the Construction Industry</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CWR 3201</td>
<td>Engineering Fluid Mechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EGN 3321</td>
<td>Engineering Analysis-Dynamics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CES 4100C</td>
<td>Structural Analysis I and Lab</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>CCE 4034</td>
<td>Construction Estimating and Scheduling</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CCE 4813</td>
<td>Mechanical and Electrical Systems for Buildings</td>
<td>4 hrs</td>
</tr>
<tr>
<td>STA 3032</td>
<td>Probability and Statistics for Engineers</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CCE 4004</td>
<td>Construction Methods</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CCE 4402</td>
<td>Construction Equipment and Productivity</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CGN 3501C</td>
<td>Civil Engineering Materials</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CGN 3700C</td>
<td>Civil Engineering Measurements</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CES 4605</td>
<td>Steel Structures or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CES 4702</td>
<td>Reinforced Concrete Structures</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CCE 4810C</td>
<td>Construction Design Project</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CWR 4652C</td>
<td>Water Resources Engineering I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Approved Technical Elective</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>CEG 4011C</td>
<td>Geotechnical Engineering I or</td>
<td>4 hrs</td>
</tr>
<tr>
<td>TTE 3910</td>
<td>Highway Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CGN 4808C</td>
<td>CECE Capstone Design</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>CEG 4012</td>
<td>Geotechnical Engineering II or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TTE 4274</td>
<td>Transportation Engineering Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TTE 4274</td>
<td>Transportation Engineering Systems</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Equipment Fees

- Part-Time Student: $33 per term
- Full-Time Student: $66 per term
5. Restricted Electives (39 hrs)
- 27 additional semester hours of upper division criminal justice course work. Seniors can satisfy up to six hours of this requirement with internship and up to six hours with directed independent study; however, the combination of these non-class options shall not exceed nine hours. Program standards must be met to be eligible for either internship or independent study credit.
- 12 additional semester hours of supporting courses to be selected from an approved list provided by the department. These courses may vary from student to student depending upon individual needs or objectives, but include selected courses from public administration, legal studies, sociology, statistics, and psychology. The supporting course requirements may also be met by using 12 hours from a completed minor in another program approved by the department.

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. The foreign language credits may be used toward the 12 hour supporting course requirement.

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Students must take a minimum of 36 hours of upper-division CJ credit from the UCF Criminal Justice department to obtain the UCF degree in Criminal Justice.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 40 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors in Major
- Interested students should consult with a faculty advisor.

Related Programs
- Legal Studies

Certificates
- Crime Analysis and Crime Mapping
- Criminal Profiling
- Security Management
- Crime Scene Investigation
- Victim Advocacy

Related Minors
- Legal Studies
- Public Administration
- Psychology

Advising Notes
- None

Transfer Notes
- “D” (1.0) grades are not accepted.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- 1 PAF 2102 Public Affairs Careers 2 hrs
Select 1: 3 hrs
- MGF 1106 Finite Mathematics or 3 hrs
- MAC 1105C College Algebra or 3 hrs
- 0 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or 3 hrs
- SYG 2000 Introduction to Sociology or 3 hrs
- ANT 2000 General Anthropology 3 hrs
Select 1: 3 hrs
- EUH 2000 Western Civilization I or 3 hrs
- HUM 2210 Humanistic Tradition I or 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
1 CJE 3001 Optional Replacement for PAF 2102

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- CGS 1060C Introduction to Computers 3 hrs
Select 1: 3 hrs
- PSC 1121 Physical Science or 3 hrs
- CHM 1020 Concepts in Chemistry 3 hrs
Select 1: 3 hrs
- PHI 2010 Introduction to Philosophy or 3 hrs
- MUL 2010 Enjoyment of Music 3 hrs
Select 1: 3 hrs
- ARH 2050 History of Western Art I or 3 hrs
- THE 2000 Theatre Survey or 3 hrs
- REL 2300 World Religions or 3 hrs
- PHI 2010 Introduction to Philosophy or 3 hrs
- LIT 2110 World Literature I or 3 hrs
- LIT 2120 World Literature II 3 hrs

Sophomore Year - Fall
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- CCJ 3014 Crime in America 3 hrs
Select 1: 3 hrs
- EUH 2001 Western Civilization II or 3 hrs
- HUM 2230 Humanistic Tradition II or 3 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
Select 1: 3 hrs
- BSC 1005 Biological Principles or 3 hrs
- MCB 1310 Introduction to Biotechnology and Genetic Engineering or 3 hrs
- GLY 1030 Geology and its Applications or 3 hrs
- PSC 1121 Physical Science or 3 hrs
- ANT 2511 The Human Species 3 hrs
Select 1: 3 hrs
- POS 2041 American National Government or 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs

Sophomore Year - Spring
- CCJ 3024 Criminal Justice System 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs
- CJL 3510 Prosecution and Adjudication 3 hrs

Junior Year - Fall
- CCJ 3010 Corrections and Penology 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs
- CCJ 4701 Research Methods in Criminal Justice 3 hrs
- CJ Elective 3 hrs

UNIVERSITY OF CENTRAL FLORIDA 172 Undergraduate Catalog 2014-2015
Junior Year - Spring  
CJE 4014 Police and Society 3 hrs  
CCJ 4746 Data Analysis for Criminal Justice 3 hrs  
Restricted Elective 3 hrs  
Restricted Elective 3 hrs  
Supporting Elective 3 hrs  

Senior Year - Fall  
Restricted Elective 3 hrs  
Supporting Elective 3 hrs  
Restricted Elective 3 hrs  
Free Elective 3 hrs  

Senior Year - Spring  
1 Free Elective 3 hrs  
1 Free Elective 3 hrs  
Supporting Elective 3 hrs  
Restricted Elective or CCJ Internship 3 hrs  

1 If necessary

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oes.ucf.edu/alc/academic_learning_compacts.htm

Criminal Justice Scholar's Track (B.A. / B.S.)  
College of Health and Public Affairs  
Department of Criminal Justice,  
Health and Public Affairs 1, Room: Room 311.  
http://www.cohipa.ucf.edu/ crim.jus/  
Email: cjadwise@ucf.edu  
Cory Watkins, UG Program Coordinator  
Phone: 407-823-2603

Admission Requirements
- An application is required. Minimum GPA of 3.0 for Admission.
- Applicant must declare this specific track.
- A grade of “B” (3.0) or better in ENC 1101 and ENC 1102 is required.
- Writing sample may be required if above requirement is not met.

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- The courses designated in section 1 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- Students must earn a minimum 2.0 overall GPA in the core requirements and the restricted electives.
- Students must earn a grade of C- (1.75) or better in each core course.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   Select 1 (3 hrs)
   Suggested CJS 1060C Introduction to Computers or 3 hrs  
   Suggested STA 1063C Basic Statistics Using 3 hrs  
   Suggested STA 2014C Principles of Statistics 3 hrs  
   Select 1 (3 hrs)
   Suggested MGF 1106 Finite Mathematics or 3 hrs  
   Suggested MGF 1107 Explorations in Mathematics 3 hrs  

D: Social Foundations (6 hrs)
E: Science Foundations (6 hrs)
2. Common Program Prerequisites (CPP)
   None

3. Core Requirements: Basic Level
   None

4. Core Requirements: Advanced Level (33 hrs)
   See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   CCJ 3014 Crime in America 3 hrs  
   CCJ 3024 Criminal Justice System 3 hrs  
   CCJ 3010 Corrections and Penology 3 hrs  
   CJL 3510 Prosecution and Adjudication 3 hrs  
   CJL 4014 Police and Society 3 hrs  
   CCJ 4701 Research Methods in Criminal Justice 3 hrs  
   CCJ 4746 Data Analysis for Criminal Justice 3 hrs  

Scholar’s Seminar 12 hrs  
- Students accepted into CJ Scholar’s Track will take CCJ 4934 four times with different topics for a total of 12 hours.  
- CCJ 4934 Emergent Criminal Justice Issues 3 hrs

5. Restricted Electives (27 hrs)
   15 additional semester hours of upper division criminal justice course work. Seniors can satisfy up to six hours of this requirement with internship and up to six hours with directed independent study; however, the combination of Program standards must be met to be eligible for either internship or independent study credit.
   - 12 additional semester hours of supporting courses to be selected from an approved list provided by the department. These courses may vary from student to student depending upon individual needs or objectives, but included selected courses from public administration, legal studies, sociology, statistics, and psychology. The supporting course requirements may also be met by using 12 hours from a completed minor in another program approved by the department.

6. Capstone Requirements
   None

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- Students pursuing a B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. The foreign language credits may be used toward the 12 hour supporting course requirement.

8. Electives
   None

9. Additional Requirements
   Students whose GPA falls below 3.0 out of a possible 4.0 will not be permitted to continue in the track and will be transferred to the Criminal Justice BA/BS degree.

10. Required Minors
   None

11. Departmental Exit Requirements
- Students must take a minimum of 36 hours of upper-division CJ credit from the UCF Criminal Justice department to obtain the UCF degree in Criminal Justice.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA  
- 60 semester hours earned after CLEP awarded  
- 48 semester hours of upper division credit completed  
- 30 of the last 39 hours of course work must be completed in residency at UCF.  
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.  
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students should consult with a faculty advisor.
Sophomore Year - Fall 15 hrs
CCJ 5024 Criminal Justice System 3 hrs
CJL 3510 Prosecution and Adjudication 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Supporting Elective 3 hrs
Sophomore Year - Spring 15 hrs
CCJ 4701 Research Methods in Criminal Justice 3 hrs
CCJ 3010 Corrections and Penology 3 hrs
CCJ 4934 Emergent Criminal Justice Issues 3 hrs
Supporting Elective 3 hrs
CJE Elective 3 hrs
Junior Year - Fall 15 hrs
Admissions to scholars track requires 3.0 overall GPA
CCJ 4914 Police and Society 3 hrs
CJE 4746 Data Analysis for Criminal Justice 3 hrs
CCJ 4934 Emergent Criminal Justice Issues 3 hrs
CJE Elective 3 hrs
Supporting Elective 3 hrs
Junior Year - Spring 15 hrs
CJE 4914 Police and Society 3 hrs
CJE 4746 Data Analysis for Criminal Justice 3 hrs
CJE Elective 3 hrs
Supporting Elective 3 hrs
Free Elective 3 hrs
Senior Year - Fall 15 hrs
CCJ 4934 Emergent Criminal Justice Issues 3 hrs
Supporting Elective 3 hrs
CJE Elective 3 hrs
Free Elective 3 hrs
Senior Year - Spring 12 hrs
Free Elective 3 hrs
Free Elective 3 hrs
CCJ 4934 Emergent Criminal Justice Issues 3 hrs
CJE Elective or CCJ Internship 3 hrs
Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm
Digital Media (B.A.)
College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676
The B.A. in Digital Media allows students to integrate the multiple domains of art, storytelling, and technology. It is designed to provide a solid foundation in techniques and theory in one focused area of competence, provide a broad understanding of related disciplines including arts, humanities, and technology, and provide extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual Arts and Design with the College of Arts and Humanities. It recognizes that there are many combinations of courses which meet the needs of individual students. Two specializations - Game Design and Web Design - lead to a Bachelor of Arts degree. Note: Although the School of Visual Arts and Design maintains a Design and Web Design - lead to a Bachelor of Arts degree.

Admission Requirements
None
Degree Requirements
Students who change degree programs and select this major must adopt the most current catalog.
Departmental Residency Requirement consists of at least 24 hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
Students must earn at least a “C” (2.0) in each required course, except DIG 2000 and DIG 4713 as noted.

Co-op or internship credits are not permitted in this major without prior written permission.

Students should consult with a School advisor at least once annually.

1. UCF General Education Program (GEP) (37 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)

2. Common Program Prerequisites (CPP) (6 hrs)
   E: Science Foundations (6 hrs)
   D: Social Foundations (6 hrs)

3. Core Requirements: Basic Level (12 hrs)
   Admission to all courses after DIG 2000 is dependent on the student achieving at least a “B” (3.0) in DIG 2000.

   Digital Media Core: Basic
   DIG 2000 Introduction to Digital Media 3 hrs
   DIG 2030 Digital Video Fundamentals 3 hrs
   DIG 2109C Digital Imaging Fundamentals 3 hrs
   DIG 2500C Fundamentals of Interactive Design 3 hrs

4. Core Requirements: Advanced Level (12 hrs)
   Digital Media Core: Advanced
   DIG 3024 Digital Cultures & Narrative 3 hrs
   DIG 3480C Computer as a Medium 3 hrs
   DIG 3525 Digital Media Production I 3 hrs
   DIG 4780C Modeling for Realtime Systems 3 hrs

   Game Design (42 hrs)
   Admission to all courses after DIG 4713 is dependent on the student achieving at least a “B” (3.0) in DIG 4713.

   Game Design: Basic Concentration (24 hrs)
   COP 3223 Introduction to Programming with C and
   COP 3330 Oriented Programming and
   DIG 4630C Media Business Practices and
   DIG 4713 Game Design and
   DIG 4715C Game Production and
   DIG 4720C Casual Game Production and
   FIL 3720C Introduction to Animation and
   GRA 2151C Illustration

   Game Design: Restricted Electives (18 hrs)
   Complete 18 hours of credits from the following areas:
   NOTE: DIG 4725C Must be taken at least two times. It is repeatable for credit.
   12 Additional hrs of 3000 or 4000 level courses from ART, 12 hrs
   ARH, FIL, GRA, DIG or any 3000 or 4000 level digital
   media courses approved by the school, and
   DIG 4725C Game Design Workshop 6 hrs

   Web Design (42 hrs)
   Web Design: Basic Concentration (24 hrs)
   DIG 3134 Media Software Design and
   DIG 3563 Information Management and
   Entrepreneurship and
   DIG 3716C Internet Interaction and
   DIG 3811 User-Centered Design and
   DIG 4503 Rapid Application Web Development and
   DIG 4530C Media for E-Commerce and
   DIG 4630C Media Business Practices and
   GRA 3803C Intermediate Computer Graphic Design

   Web Design: Restricted Electives (18 hrs)
   Complete 18 hours of credits from the following areas:
   Note: DIG 4104C Must be taken at least two times. It is repeatable for credit.
   12 additional hrs of 3000 or 4000 level courses from ART, 12 hrs
   ARH, FIL, GRA, DIG or any 3000 or 4000 level digital
   media courses approved by the school, and
   DIG 4104C Web Design Workshop 6 hrs

5. Restricted Electives
   None

6. Capstone Requirements
   None

7. Foreign Language Requirements
   Admissions
   • Met by graduation requirement.
   Graduation
   • Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives
   Electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, the Nicholson School of Communication, Computer Science, etc. as approved by the School.

9. Additional Requirements
   None

10. Required Minors
    None

11. Departmental Exit Requirements
    None

12. University Minimum Exit Requirements
    • A 2.0 UCF GPA
    • 60 semester hours earned after CLEP awarded
    • 24 semester hours of upper division credit completed
    • 30 of the last 39 hours of course work must be completed in residency at UCF.
    • A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    • Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
120

Honors In Major
None

Related Programs
Art
Computer Science
English - Creative Writing
English - Literature
English - Technical Communication
Film - Cinema Studies Track
Music

Certificates
None

Related Minors
Art - Studio
Information Technology
Computer Science
English - Technical Communication
Film - Cinema Studies
Music

Advising Notes
http://svad.cah.ucf.edu/students
svadadvising@ucf.edu

Transfer Notes
• Grades less than ‘C’ (2.0) are not accepted.
• Lower division courses do not substitute for upper division courses.
• Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

UNIVERSITY OF CENTRAL FLORIDA

UCF Degree Programs

Undergraduate Catalog 2014-2015
UCF Degree Programs

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- None

Game Design

Freshman Year - Fall 15 hrs
- ARH 2050 History of Western Art I 3 hrs
- ENC 1101 Composition I 3 hrs
- MAC 1105C College Algebra 3 hrs
- GEP Cultural & Historical Foundation 3 hrs
- GEP Social Foundation 3 hrs

Freshman Year - Spring 16 hrs
- ARH 2051 History of Western Art II 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- ENC 1102 Composition II 3 hrs
- GEP Social Foundation 3 hrs

Freshman Year - Summer 6 hrs
- GEP Science Foundation 3 hrs
- GEP Science Foundation 3 hrs

Sophomore Year - Fall 15 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2109C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs
- GEP Communication Foundation 3 hrs

Sophomore Year - Spring 15 hrs
- ART 2300C Drawing Fundamentals I 3 hrs
- DIG 3024 Digital Cultures & Narrative 3 hrs
- DIG 3480C Computer as a Medium 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 4780C Modeling for Realtime Systems 3 hrs

Junior Year - Fall 12 hrs
- COP 3223 Introduction to Programming with C 3 hrs
- DIG 4630C Media Business Practices 3 hrs
- DIG 4713 Game Design 3 hrs
- GRA 2151C Illustration 3 hrs

Junior Year - Spring 12 hrs
- COP 3330 Object Oriented Programming 3 hrs
- DIG 4715C Game Production 3 hrs
- DIG 4720C Casual Game Production 3 hrs
- FIL 3720C Introduction to Animation 3 hrs

Senior Year - Fall 16 hrs
- DIG 4725C Game Design Workshop 3 hrs
- Foreign Language Elementary Level I 4 hrs
- Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Spring 13 hrs
- DIG 4725C Game Design Workshop 3 hrs
- Foreign Language Elementary Level II 4 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Web Design

Freshman Year - Fall 15 hrs
- ARH 2050 History of Western Art I 3 hrs
- ENC 1101 Composition I 3 hrs
- MAC 1105C College Algebra 3 hrs
- GEP Cultural & Historical Foundation 3 hrs
- GEP Social Foundation 3 hrs

Freshman Year - Spring 16 hrs
- ARH 2051 History of Western Art II 3 hrs
- COP 2500C Concepts in Computer Science 4 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- ENC 1102 Composition II 3 hrs
- GEP Social Foundation 3 hrs

Freshman Year - Summer 6 hrs
- GEP Science Foundation 3 hrs
- GEP Science Foundation 3 hrs

Sophomore Year - Fall 15 hrs
- ART 2201C Design Fundamentals-Two Dimensional 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 2109C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs
- GEP Communication Foundation 3 hrs

Sophomore Year - Spring 15 hrs
- ART 2300C Drawing Fundamentals I 3 hrs
- DIG 3024 Digital Cultures & Narrative 3 hrs
- DIG 3480C Computer as a Medium 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 4780C Modeling for Realtime Systems 3 hrs

Junior Year - Fall 13 hrs
- DIG 3563 Information Management and Entrepreneurship 3 hrs
- DIG 4630C Media Business Practices 3 hrs
- Foreign Language Elementary Level I 4 hrs
- Restricted Elective 3 hrs

Junior Year - Spring 13 hrs
- DIG 3134 Media Software Design 3 hrs
- DIG 3716C Internet Interaction 3 hrs
- DIG 3811 User-Centered Design 3 hrs
- Foreign Language Elementary Level II 4 hrs

Senior Year - Fall 15 hrs
- DIG 4104C Web Design Workshop 3 hrs
- DIG 4530C Media for e-Commerce 3 hrs
- GRA 3803C Intermediate Computer Graphic Design 3 hrs
- Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Spring 15 hrs
- DIG 4104C Web Design Workshop 3 hrs
- DIG 4503 Rapid Application Web Development 3 hrs
- Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Early Childhood Development and Education
Track 1: Education: Pre-Kindergarten - Primary (PK-3) (B.S.)

College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://education.ucf.edu/ecee/

Email: ece@mail.ucf.edu

Dr. Judy Levin, ED 122L, Judith.Levin@ucf.edu
Phone: 407-823-4615

EDUCATION: PRE-KINDERGARTEN-PRIMARY (PK-3) TRACK
Early Childhood Development and Education majors take a variety of courses related to young children and their learning, development, and family environment. Students in the Education: Pre-Kindergarten-Primary (Pre-K-3rd) Track are working toward teacher certification in Pre-Kindergarten-Primary (PK-3) with ESOL Endorsement and Reading Endorsement. Students in this track take a series of core and specialization courses to prepare them to teach in the schools and to demonstrate mastery of the Florida Educator Accomplished Practices (FEAP). Early and continuous field experiences are provided to enhance the students in this track with an integration of theory and practice in school settings. Throughout the program, students document and reflect upon their accomplishments in a Professional Portfolio, which is continually reviewed by faculty. This degree culminates in a semester-long internship.
Degree Requirements

1. Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.75 overall GPA, with provisional acceptance for one semester if GPA is 2.5 (GPA must be 2.75 by the second semester).
- Pass all four parts of the General Knowledge Test.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.

2. Degree Requirements

- Students must seek advising through the Early Childhood Development and Education staff in the Education Complex, Suite 122 or by email (ece@mail.ucf.edu) prior to registering for classes.
- The courses designated in 1. (General Education) and 2. (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- Students must earn a “C” (2.0) or better in each required Early Childhood Development and Education course. However, a minimum overall 2.75 GPA in all courses within the major is required.
- Passing score on ALL three sections of the Florida Teacher Certification Examination (FTCE). See http://www.fldoe.org for available test dates and test sites.
- FTCE General Knowledge Test (GKT)-passing scores on the GKT are required prior to admission to the major.
- FTCE Professional Education Test (PEd) and Subject Area Examination (SAE-Prekindergarten/Primary PK-3) - passing scores strongly recommended prior to application for Internship.
- FTCE General Knowledge Test (GKT) - passing scores on the GKT are strongly recommended prior to semester 1 of the junior year and required for admission into the Early Childhood Development and Education, Track 1-Education: Pre-Kindergarten-Primary (Pre-K-3rd).
- FTCE Professional Education Test (PEd) and Subject Area Examination (SAE-Prekindergarten/Primary PK-3) - passing scores strongly recommended prior to application for Internship.

- This is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

3. UCF General Education Program (GEP) (36 hrs)
- Students are advised to take the preferred courses.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- General Education Program elective from section B2: 3 hrs
- Prefer REL 2300 World Religions or 3 hrs
- Prefer PHI 2010 Introduction to Philosophy or 3 hrs
- Prefer LIT 2110 World Literature I or 3 hrs
- Prefer LIT 2120 World Literature II 3 hrs
- General Education Program elective from section B1 3 hrs
- General Education Program elective: Prefer a second course from GEP section B1 3 hrs

C: Mathematical Foundations (6 hrs)
- Select 1: 3 hrs
  - Prefer STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
  - Prefer STA 2014C Principles of Statistics 3 hrs
- Select 1: 3 hrs
  - Suggested MGF 1106 Finite Mathematics or 3 hrs
  - Suggested MGF 1107 Explorations in Mathematics 3 hrs

D: Social Foundations (6 hrs)
- Prefer POS 2041 American National Government 3 hrs
- Prefer PSY 2012 General Psychology 3 hrs

E: Science Foundations (6 hrs)
- Prefer PSC 1121 Physical Science 3 hrs

Select 1: 3 hrs
- Prefer ANT 2511 The Human Species or 3 hrs
- Prefer BSC 1005 Biological Principles 3 hrs

2. Common Program Prerequisites (CPP) (9 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- 1 EDF 2005 Introduction to the Teaching Profession 3 hrs
- 1 EDF 2085 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level (15 hrs)

Other Program Prerequisites

- 1 EDF 2130 Child and Adolescent Development for Educators 3 hrs
- EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs

Select 1: 3 hrs
- MAC 1105C College Algebra or 3 hrs
- MAE 2801 Elementary School Mathematics 4 hrs

Select 1: 3 hrs
- ARE 2000 Early Childhood Art and Creativity or 3 hrs
- MUE 2211 Early Childhood Music and Movement 3 hrs
- Elective 3 hrs

1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

4. Core Requirements: Advanced Level (60 hrs)

- All methods/specialization/foundations courses must be completed with a letter grade of “C” (2.0) or better before registering for Internship. However, a minimum GPA of 2.75 is required in the professional, specialization and overall for admission to Internship.

Semester I 15 hrs

- Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required prior to application to admission to the major.
- EEC 3700 Social and Emotional Development of Young Children 3 hrs
- EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- RED 3310 Early Reading, Writing and Language Arts 3 hrs
- EEX 4751 Parent Involvement in Education 3 hrs
- TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs

Semester II 15 hrs

- Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended to be taken during Semester III.
- 1 EEC 4604 Classroom Management and Guidance of Young Children 3 hrs
- EEC 4207 Assessment and Evaluation of Young Children 3 hrs
- TSL 2420 Issues in Second Language Acquisition 3 hrs
- EEC 4268 Curriculum Activities in Early Childhood 3 hrs
- EEX 3450 Young Children With Special Needs 3 hrs

Summer 6 hrs

- Passing scores on all sections [General Knowledge, Professional, and Subject Area (Pre-kindergarten/Primary PK-3)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
- EEE 4303 Planning Creative Activities in Early Childhood Education 3 hrs
- RED 3012 Basic Foundations of Reading 3 hrs
### UCF Degree Programs

#### Semester III 12 hrs
- Based on recommendations below, the student should achieve a passing score on all applicable sections of the Florida Teacher Certification Examination prior to entry into Student Teaching (EEC 4943 Internship).
- Students must apply and be approved for Internship. Deadline dates and applications are available through the Office of Clinical Experiences at [http://www.clinicalexperiences.education.ucf.edu](http://www.clinicalexperiences.education.ucf.edu).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE 4300</td>
<td>Math Curriculum and Assessment in Early Childhood</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SCE 4304</td>
<td>Teaching Science and Technology to Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 4311</td>
<td>Primary Reading, Writing, and Language Arts Curriculum and Assessment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4235C</td>
<td>Early Childhood Education Seminar: Bridging Theory to Practice</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Semester IV 12 hrs
- Satisfactory completion of Internship requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.6066.
- EEC 4943 Student Teaching 12 hrs

#### 5. Restricted Electives
- None

#### 6. Capstone Requirements
- None

#### 7. Foreign Language Requirements
- Admissions
  - State University System foreign language admission requirement: Two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

#### Graduation
- None

##### 8. Electives
- None

##### 9. Additional Requirements
- None

##### 10. Required Minors
- None

##### 11. Departmental Exit Requirements
- Achieve a minimum overall 2.75 GPA in all courses within the major.
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the 12 Florida Educator Accomplished Practices.
- Complete a TESOL notebook as required for ESOL Endorsement.
- Pass all applicable sections in the Florida Teacher Certification Examination. See [http://www.fldoe.org](http://www.fldoe.org) for test dates and test sites.

##### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of summer credit.

#### Total Semester Hours Required
- 120

### Certificates
- None

### Related Minors
- None

### Advising Notes
- None

### Transfer Notes
- None

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study
- This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

#### Freshman Year - Fall 12 hrs
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- ENC 1101 Composition I 3 hrs
- MGF 1106 Finite Mathematics 3 hrs
- PSY 2012 General Psychology 3 hrs

#### Freshman Year - Spring 15 hrs
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- ENC 1102 Composition II 3 hrs
- MAC 1105C College Algebra 3 hrs
- PSC 1121 Physical Science 3 hrs

#### Select 1:
- REL 2300 World Religions or 3 hrs
- PHI 2010 Introduction to Philosophy or 3 hrs
- LIT 2110 World Literature I or 3 hrs
- LIT 2120 World Literature II 3 hrs

#### Freshman Year - Summer 6 hrs
- POS 2041 American National Government 3 hrs

#### Select 1:
- ARE 2000 Early Childhood Art and Creativity or 3 hrs
- MUE 2211 Early Childhood Music and Movement 3 hrs

#### Sophomore Year - Fall 15 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs

#### Select 1:
- BSC 1005 Biological Principles or 3 hrs
- ANT 2511 The Human Species 3 hrs

#### Select 2:
- STA 2014C Basic Statistics Using Microsoft Excel 3 hrs
- EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs
- EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- ANT 2511 The Human Species 3 hrs
- EEX 4751 Parent Involvement in Education 3 hrs
- TSL 4080 Theory and Practice of Teaching ESL in Schools 3 hrs

#### Freshman Year - Summer 3 hrs
- EEX 4751 Parent Involvement in Education 3 hrs

#### Sophomore Year - Spring 12 hrs
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs
- EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- RED 3310 Early Reading, Writing and Language Arts 3 hrs
- EEX 4751 Parent Involvement in Education 3 hrs
- TSL 4080 Theory and Practice of Teaching ESL in Schools 3 hrs

1 Courses taken at Florida College System institutions may substitute for select courses with the permission of the department.

#### Sophomore Year - Summer 3 hrs
- STA 2014C Basic Statistics Using Microsoft Excel 3 hrs
- EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs

#### Select 1:
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

#### Sophomore Year - Fall 15 hrs
- EEX 4751 Parent Involvement in Education 3 hrs
- EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs
- EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- RED 3310 Early Reading, Writing and Language Arts 3 hrs
- EEX 4751 Parent Involvement in Education 3 hrs
- TSL 4080 Theory and Practice of Teaching ESL in Schools 3 hrs

#### Junior Year - Fall 15 hrs
- EEC 3700 Social and Emotional Development of Young Children 3 hrs
- EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- RED 3310 Early Reading, Writing and Language Arts 3 hrs
- EEX 4751 Parent Involvement in Education 3 hrs
- TSL 4080 Theory and Practice of Teaching ESL in Schools 3 hrs

#### Senior Year - Fall 15 hrs
Early Childhood Development and Education Track
2: Early Childhood Development (B.S.)
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Complex
http://education.ucf.edu/ece/
Email: ece@ucf.edu
Dr. Judy Levin, 122L, Judith.levin@ucf.edu
Phone: 407-823-4615

EARLY CHILDHOOD DEVELOPMENT TRACK Early Childhood Development majors take a variety of courses related to young children and their learning, development, and family environment. Students take a series of core and specialization courses to prepare them to work with children, parents, and families in a variety of settings. Throughout the program, students document and reflect upon their accomplishments in a Professional Portfolio, which is continuously reviewed by faculty. This degree culminates in a semester-long practicum.

Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.75 overall GPA, with provisional acceptance for one semester if GPA is 2.5 (GPA must be 2.75 by the second semester).
- Complete Child Development prerequisite courses with a minimum letter grade of "C" (2.0) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.

Junior Year - Spring 15 hrs
ECF 4604 Classroom Management and Guidance of Young Children 3 hrs
ECF 4207 Assessment and Evaluation of Young Children 3 hrs
TSL 4240 Issues in Second Language Acquisition 3 hrs
ECF 4268 Curriculum Activities in Early Childhood 3 hrs
EX 3450 Young Children With Special Needs 3 hrs

Junior Year - Summer 6 hrs
Please note: It is strongly recommended to take the Professional Education Test (PToE) portion of the FTCE prior to entering the Senior year, and the Pre-Kindergarten/ Primary PK-3 Subject Area Examination portion of the FTCE prior to entry into student teaching (EEC 4943 Internship).
ECF 4303 Planning Creative Activities in Early Childhood Education 3 hrs
RED 3012 Basic Foundations of Reading 3 hrs

Senior Year - Fall 12 hrs
MAE 4300 Math Curriculum and Assessment in Early Childhood 3 hrs
SCE 4304 Teaching Science and Technology to Young Children 3 hrs
RED 4311 Primary Reading, Writing, and Language Arts Curriculum and Assessment 3 hrs
EEF 4230C Early Childhood Education Seminar: Bridging Theory to Practice 3 hrs

Senior Year - Spring 12 hrs
EEF 4943 Student Teaching 12 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oees.ucf.edu/alc/academic_learning_compacts.htm

Degree Requirements
- Students must seek advising through the Early Childhood Development and Education staff in the Education Complex, Suite 122 or by email (ece@ucf.edu) prior to registering for classes.
- The courses designated in 1. (General Education) and 2. (Prerequisites) should be completed prior to admission to the major and upper division education courses.
- Students must earn a "C" (2.0) or better in each required Early Childhood Development and Education course. However, a minimum overall 2.75 GPA in all courses within the major is required.
1. UCF General Education Program (GEP) (36 hrs)
- Students are advised to take the preferred courses.
A: Communication Foundations (9 hrs)
   Required ENC 1101 Composition I 3 hrs
   Required ENC 1102 Composition II 3 hrs
   Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
B: Cultural & Historical Foundations (9 hrs)
   General Education Program elective from section B2: 3 hrs
   Prefer REL 2300 World Religions or 3 hrs
   Prefer PHI 2010 Introduction to Philosophy or 3 hrs
   Prefer LIT 2110 World Literature I or 3 hrs
   Prefer LIT 2120 World Literature II 3 hrs
   General Education Program elective from section B1 to meet Gordon Rule Requirement. 3 hrs
   General Education Program elective: Prefer a second course from GEP section B1. 3 hrs
C: Mathematical Foundations (6 hrs)
   Prefer MGF 1106 Finite Mathematics or 3 hrs
   Prefer MGF 1107 Explorations in Mathematics 3 hrs
   Select 1: 3 hrs
   Prefer STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
   Prefer STA 2041C Principles of Statistics 3 hrs
D: Social Foundations (6 hrs)
   Prefer PSY 2012 General Psychology 3 hrs
   Prefer POS 2041 American National Government 3 hrs
E: Science Foundations (6 hrs)
   Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
   Select 1: 3 hrs
   Prefer ANT 2511 The Human Species or 3 hrs
   Prefer BSC 1005 Biological Principles or 3 hrs
2. Common Program Prerequisites (CPP) (6 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   EDF 2065 Introduction to Diversity for Educators 3 hrs
   EDF 2004C Developmental Psychology 3 hrs
3. Core Requirements: Basic Level (18 hrs)
   MUE 2211 Early Childhood Music and Movement 3 hrs
   ARE 2000 Early Childhood Art and Creativity 3 hrs
   SYG 2010 Social Problems 3 hrs
   EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs
   Restricted Elective with Advisor approval 3 hrs
   Select 1: 3 hrs
   EDF 2130 Child and Adolescent Development for Educators or 3 hrs
   SOW 3104 Assessing I: Human Development 3 hrs
4. Core Requirements: Advanced Level (60 hrs)
- All methods/specialization/foundations courses must be completed with a letter grade of "C" (2.0) or better before registering for Practicum: Early Childhood Development. However, a minimum GPA of 2.75 is required in the professional, specialization and overall for admission to Practicum: Early Childhood Development.
## UCF Degree Programs

### Semester I
- **15 hrs**
  - EEC 3700 Social and Emotional Development of Young Children 3 hrs
  - EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- **3 hrs**
- RED 3310 Early Reading, Writing and Language Arts Restrictive Elective with Advisor approval (3/4XXX level) 3 hrs
- **3 hrs**
- EEX 4751 Parent Involvement in Education 3 hrs
- **3 hrs**
- Required Elective with Advisor approval 3 hrs

### Semester II
- **15 hrs**
  - EEC 4604 Classroom Management and Guidance of Young Children 3 hrs
  - EEC 3613 Observation and Assessment of Young Children 3 hrs
  - EEC 4402 Cultural and Family Systems 3 hrs
  - EEX 3450 Young Children With Special Needs 3 hrs
  - EEC 3008 Early Childhood Children's Literature 3 hrs
- **3 hrs**
- EEC 4528 Infant/Toddler Care and Education 3 hrs

### Semester III
- **6 hrs**
  - EEC 4303 Planning Creative Activities in Early Childhood Education 3 hrs
  - EEC 4528 Infant/Toddler Care and Education 3 hrs
  - Select Two Early Childhood Development Track Electives 6 hrs
    - Note: Students must consult with their advisor regarding approval for other elective options.
- **3 hrs**
- EEC 4268 Curriculum Activities in Early Childhood or 3 hrs
- **3 hrs**
- EEC 4524 Organization and Management in Early Childhood or 3 hrs
- **4 hrs**
- EXP 3604 Cognitive Psychology or 4 hrs
- **3 hrs**
- PEO 3041 Games Analysis or 3 hrs
- **3 hrs**
- PET 3820 Teaching Sports Skills I or 3 hrs
- **3 hrs**
- PET 4640 Adapted Physical Education or 3 hrs
- **3 hrs**
- PET 4710 Methods for Physical Activity for Children and Adolescents or 3 hrs
- **3 hrs**
- TSL 4080 Theory and Practice of Teaching ESOL Students in Schools or 3 hrs
- **3 hrs**
- SOW 4650 Child Abuse: Treatment and Prevention or 3 hrs
- **3 hrs**
- SOW 4654 Children's Services or 3 hrs
- **3 hrs**
- EEC 4744 Child Life: Psychosocial Care of Children in Health Settings or 3 hrs
- **3 hrs**
- SOW 3104 Assessing I: Human Development 3 hrs

### Semester IV
- **12 hrs**
  - PET 4050C Motor Development and Learning 3 hrs
  - EEC 4414 Parent-Child Relations 3 hrs
  - Select Two Early Childhood Development Track Electives 6 hrs
- **3 hrs**
- EEC 4268 Curriculum Activities in Early Childhood or 3 hrs
- **3 hrs**
- EEC 4524 Organization and Management in Early Childhood or 3 hrs
- **4 hrs**
- EXP 3604 Cognitive Psychology or 4 hrs
- **3 hrs**
- PEO 3041 Games Analysis or 3 hrs
- **3 hrs**
- PET 3820 Teaching Sports Skills I or 3 hrs
- **3 hrs**
- PET 4640 Adapted Physical Education or 3 hrs
- **3 hrs**
- PET 4710 Methods for Physical Activity for Children and Adolescents or 3 hrs
- **3 hrs**
- TSL 4080 Theory and Practice of Teaching ESOL Students in Schools or 3 hrs
- **3 hrs**
- SOW 4650 Child Abuse: Treatment and Prevention or 3 hrs
- **3 hrs**
- SOW 4654 Children's Services or 3 hrs
- **3 hrs**
- EEC 4744 Child Life: Psychosocial Care of Children in Health Settings or 3 hrs
- **3 hrs**
- SOW 3104 Assessing I: Human Development 3 hrs

### Semester V
- **12 hrs**
  - EEC 4940 Practicum: Early Childhood Development 12 hrs

### 5. Restricted Electives
- None

### 6. Capstone Requirements
- None

### 7. Foreign Language Requirements

#### Admissions
- State University System foreign language admission requirement: Two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

#### Graduation
- None

### 8. Electives
- None

### 9. Additional Requirements
- None

### 10. Required Minors
- None

### 11. Departmental Exit Requirements
- Achieve a minimum overall 2.75 GPA in all courses within the major.
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency.

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### Honors In Major
- None

### Related Programs
- None

### Certificates
- None

### Related Minors
- None

### Advising Notes
- In addition to EDF 2085, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.
- Students interested in a Child Life Specialist Certification should seek advising from the ECDE program faculty.
- Students interested in Child Life Specialist Certification: Select SOW 3104 - Assessing I: Human Development as a prerequisite course AND take EEC 4744 - Child Life: Psychosocial Care of Children in Health Settings as an elective course.

### Transfer Notes
- Courses taken at Florida College System institutions may substitute for select courses in prerequisites with the permission of the department.

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study
- Note: This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

### Freshman Year - Fall
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- ENC 1102 Composition I 3 hrs
- MGF 1106 Finite Mathematics 3 hrs
- PSY 2012 General Psychology 3 hrs

### Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- SYG 2010 Social Problems 3 hrs
- PSC 1121 Physical Science 3 hrs
- EEC 2732 Health, Safety, and Nutrition for Young Children 3 hrs

### Freshman Year - Summer
- AEC 2000 Early Childhood Art and Creativity 3 hrs
- MUE 2211 Early Childhood Music and Movement 3 hrs

### Sophomore Year - Fall
- Transfer Note: Courses taken at Florida College System institutions may substitute for select courses with the permission of the department.
- SPC 1608 Fundamentals of Oral Communication 3 hrs

### Select 1:
- REL 2300 World Religions or 3 hrs
- PHI 2010 Introduction to Philosophy or 3 hrs
- LIT 2110 World Literature I or 3 hrs
- LIT 2120 World Literature II or 3 hrs

### Freshman Year - Summer
- MUE 2211 Early Childhood Music and Movement 3 hrs

### Sophomore Year - Fall
- Select 1: 3 hrs
- BSC 1005 Biological Principles or 3 hrs
- ANT 2511 The Human Species 3 hrs
Select 1: 3 hrs
STA 2014C Principles of Statistics or STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
GEP B1 elective (Prefer AMH 2010) 3 hrs
Restricted Elective with Advisor approval 3 hrs

Sophomore Year - Spring 12 hrs
EDF 2130 Child and Adolescent Development for Educators 3 hrs
DEP 2004C Developmental Psychology 3 hrs
POS 2041 American National Government 3 hrs
GEP B3 Elective (Prefer AMH 2020) 3 hrs

Junior Year - Fall 15 hrs
EEC 3700 Social and Emotional Development of Young Children 3 hrs
EEC 4661 Early Childhood Education Theory and Practice 3 hrs
RED 3310 Early Reading, Writing and Language Arts 3 hrs
EEC 4751 Parent Involvement in Education 3 hrs
Restricted Elective with Advisor approval (3/4XXX level) 3 hrs

Junior Year - Spring 15 hrs
EEC 4604 Classroom Management and Guidance of Young Children 3 hrs
EEC 3613 Observation and Assessment of Young Children 3 hrs
EEC 4402 Cultural and Family Systems 3 hrs
EEX 3450 Young Children With Special Needs 3 hrs
EEC 3008 Early Childhood Children’s Literature 3 hrs

Junior Year - Summer 6 hrs
EEC 4303 Planning Creative Activities in Early Childhood Education 3 hrs
EEC 4528 Infant/Toddler Care and Education 3 hrs

Senior Year - Fall 12 hrs
PET 4050C Motor Development and Learning 3 hrs
EEC 4414 Parent-Child Relations 3 hrs
Select Two Early Childhood Development Track Electives 6 hrs

Senior Year - Spring 12 hrs
EEC 4940 Practicum: Early Childhood Development 12 hrs

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Early Childhood Development and Education Track
3: Early Childhood Careers (B.S.)
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Complex, Room: 209
Dr. Dierdre Englehart, Dierdre.Englehart@ucf.edu

TRACK 3: EARLY CHILDHOOD CAREERS is an A.S. to B.S. degree program that is available to Seminole State College (SSC) students who have earned an A.S. in Early Childhood. The Early Childhood Careers Track is offered only on the Lake Mary-Sanford UCF Campus. This track provides the opportunity for SSC students to continue their professional preparation by enrolling in Track 3: Early Childhood Careers. Track 3 is restricted to students who have completed an A.S. degree in Early Childhood at Seminole State College. The program will prepare students with a solid knowledge base in the overall development of children. The program will prepare students with a solid knowledge base in the overall development of children with the educational requirements for staff at Head Start and Early Learning Centers. Throughout the program, students document and reflect upon their accomplishments in a Professional Portfolio, which is continuously reviewed by faculty. This degree culminates in a semester-long practicum. NOTE: The Track 3: Early Childhood career program does not lead to teacher certification.

Admission Requirements
- Completion of the A.S. degree in Early Childhood Education at Seminole State College
- Have a minimum 2.50 overall GPA for admission to the program. A minimum GPA of 2.75 is required in the professional and overall GPA prior to admission to EEC 4942 Practicum: Early Childhood Careers and upon graduation.
- Complete Core Requirements: Basic Level with a minimum letter grade of "C" (2.0) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.

Degree Requirements
- Students must seek advising with the Early Childhood Careers faculty at the Lake Mary-Sanford UCF Campus prior to registering for classes.
- The courses designated in 1. (General Education) and 2. (Prerequisites) should be completed prior to admission to the major and upper division education courses.
- Students must earn a "C" (2.0) or better in each required Early Childhood Development and Education course. However, a minimum GPA of 2.75 is required in the professional and overall GPA for admission to EEC 4942 Practicum: Early Childhood Careers and upon graduation.

1. UCF General Education Program (GEP) 36 hrs
- Students who have not completed the Seminole State College GEP may meet those requirements with up to 6 hours of restricted elective credits selected from the appropriate courses listed in the GEP section of the UCF catalog. Students are advised to take the preferred courses.
- 30 credit hours of the GEP must be completed prior to admission into Track 3: Early Childhood Careers.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- General Education Program elective from section B2: 3 hrs
- Prefer REL 2300 World Religions 3 hrs
- Prefer PHI 2010 Introduction to Philosophy 3 hrs
- Prefer LIT 2110 World Literature I or 3 hrs
- Prefer LIT 2120 World Literature II 3 hrs
- General Education Program elective from Section B1 to meet Gordon Rule Requirement: 3 hrs
- General Education Program elective: Prefer a second course from GEP section B1: 3 hrs

C: Mathematical Foundations (6 hrs)
- Select 1: 3 hrs
- Prefer MGF 1106 Finite Mathematics or 3 hrs
- Prefer MGF 1107 Explorations in Mathematics 3 hrs

D: Social Foundations (6 hrs)
- Prefer PSY 2012 General Psychology 3 hrs
- Prefer POS 2041 American National Government 3 hrs

E: Science Foundations (6 hrs)
- Prefer PSC 1608 Physical Science 3 hrs

Select 1: 3 hrs
- Prefer ANT 2511 The Human Species or 3 hrs
- Prefer BSC 1005 Biological Principles 3 hrs

2. Common Program Prerequisites (CPP)
- None
3. Core Requirements: Basic Level  (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUE 2211</td>
<td>Early Childhood Music and Movement</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ARE 2000</td>
<td>Early Childhood Art and Creativity</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 2732</td>
<td>Health, Safety, and Nutrition for Young Children</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select 1: 3 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 2130</td>
<td>Child and Adolescent Development for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DEP 2004C</td>
<td>Developmental Psychology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

4. Core Requirements: Advanced Level  (51 hrs)

All methods/specialization/foundations courses must be completed with a letter grade of "C" (2.0) in each upper level major course in order to pass the course. However, a minimum GPA of 2.75 is required in the professional and overall GPA for admission to EEC 4942 Practicum: Early Childhood Careers and upon graduation.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 3700</td>
<td>Social and Emotional Development of Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4661</td>
<td>Early Childhood Education Theory and Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 3310</td>
<td>Early Reading, Writing and Language Arts</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4050C</td>
<td>Motor Development and Learning</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 3008</td>
<td>Early Childhood Children's Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEX 3450</td>
<td>Young Children With Special Needs</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 3613</td>
<td>Observation and Assessment of Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4402</td>
<td>Cultural and Family Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4303</td>
<td>Planning Creative Activities in Early Childhood Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4528</td>
<td>Infant/Toddler Care and Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4414</td>
<td>Parent-Child Relations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4211</td>
<td>Science and Math Learning for Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4260</td>
<td>Early Childhood Program Evaluation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4314</td>
<td>Effective Practices for Guiding Young Children's Behavior</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4942 Practicum: Early Childhood Careers</td>
<td>9 hrs</td>
<td></td>
</tr>
</tbody>
</table>

Practicum Requirement Note: Students may have the option to substitute coursework for some portion of the Practicum requirement. The substitution(s) must be approved by the student's Early Childhood Development and Education B.S. - Track 3: Early Childhood Careers Faculty Advisor.

5. Restricted Electives  (9 hrs)

Students who have not completed the Seminole State College GEP may meet those requirements with up to 6 hours of restricted elective credits selected from the appropriate courses listed in the GEP section of the UCF catalog. Students who have completed the GEP will meet with the program faculty advisor to select restricted electives.

3 semester hours of restricted elective credit must be 3000 level or higher and approved by program faculty advisor.

6. Capstone Requirements

None

7. Foreign Language Requirements

Admissions

State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

None

8. Electives

None

9. Additional Requirements

None

10. Required Minors

None

11. Departmental Exit Requirements

- Achieve a minimum GPA of 2.75 for all courses within the major.
- All methods/specialization/foundations courses must be completed with a letter grade of "C" (2.0) or higher in each upper level major course in order to meet program requirements.
- Complete a LiveText portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

120

Honors In Major

None

Related Programs

None

Certificates

None

Related Minors

None

Advising Notes

- In addition to EDF 2085, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement. The State University System requires that students complete two years of the same foreign language/American Sign Language in high school, or two semesters (8-10 credit hours) of college level foreign language/American Sign Language, or equivalent proficiency exam. Students admitted without meeting this requirement must meet it prior to graduation.

Transfer Notes

- Courses taken at Florida College System institutions may substitute for select courses in Core Requirements: Basic Level with the permission of the department.
- Restricted Electives: Electives must be selected with the approval of program faculty. Students who have not completed the Seminole State College GEP may meet those requirements with up to 6 hours of restricted elective credits selected from the appropriate courses listed in the GEP section of the UCF catalog. Students who have completed the GEP will meet with the program faculty advisor to select restricted electives.

Acceptable Substitutes for Transfer Courses

EEC 1000 substitutes for EDF 2130 or DEP 2004C

Plan of Study  (60 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 3700</td>
<td>Social and Emotional Development of Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4661</td>
<td>Early Childhood Education Theory and Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 3310</td>
<td>Early Reading, Writing and Language Arts</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4050C</td>
<td>Motor Development and Learning</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Fall  15 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4402</td>
<td>Cultural and Family Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4303</td>
<td>Planning Creative Activities in Early Childhood Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4528</td>
<td>Infant/Toddler Care and Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4414</td>
<td>Parent-Child Relations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4211</td>
<td>Science and Math Learning for Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4260</td>
<td>Early Childhood Program Evaluation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4314</td>
<td>Effective Practices for Guiding Young Children's Behavior</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
**UCF Degree Programs**

**Economics (B.A.)**

**College of Business Administration**

**Department of Economics, Business Administration II, Room: 305**

[http://www.bus.ucf.edu/economics](http://www.bus.ucf.edu/economics)

Michael Caputo, BA2 302Q, mcaputo@bus.ucf.edu, 407-823-1405

Nora Underwood, BA2 302N, 407-823-1403

David Scroggin, BA2 302U, 407-823-4129

Phone: 407-823-3266

The Bachelor of Arts in Economics is designed for students who wish to receive specialized training in Economics within a broad liberal arts education. Flexibility to select from a variety of courses allows students to customize their education to their personal interests and career goals. These courses can be coupled with a minor from many different Colleges to create a unique program for each student. An Economics degree provides skills and training for careers in business, law, government, politics, teaching, research, and a variety of other areas. This degree also provides a strong foundation for future graduate studies in business, economics, law and public administration. Successful completion of this program leads to the Bachelor of Arts degree with a major in Economics. Not eligible for a double degree with the BSBA in Economics.

**Admission Requirements**

- None

**Degree Requirements**

- Students who change degree programs and select this major must adopt the most current catalog requirements.
- Students should consult with the major advisor for the Department.
- General Education Program and Common Program
- Prerequisite courses are usually completed in the first 60 hours.

**1. UCF General Education Program (GEP)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 3008 Early Childhood Children’s Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEX 3450 Young Children With Special Needs</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 3613 Observation and Assessment of Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4402 Cultural and Family Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective with Advisor approval</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Junior Year - Summer**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4303 Planning Creative Activities in Early Childhood Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4528 Infant/Toddler Care and Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Senior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4414 Parent-Child Relations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4211 Science and Math Learning for Young Children</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4260 Early Childhood Program Evaluation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4314 Effective Practices for Guiding Young Children’s Behavior</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Junior Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective (3/4XXX level with Advisor approval)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4942 Practicum: Early Childhood Careers</td>
<td>9 hrs</td>
</tr>
</tbody>
</table>

**Program Academic Learning Compacts**

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oees.ucf.edu/alc/academic_learning_compacts.htm](http://www.oees.ucf.edu/alc/academic_learning_compacts.htm)

**Select one of the following sequences of courses:**

- ECO 3401 Quantitative Business Tools I | 3 hrs
- or MAC 2233 Concepts of Calculus and
  
- STA 2023 Statistical Methods I | 3 hrs

Students must receive a "C" (2.0) or better in MAC 2233 and STA 2023 to be waived from ECO 3401

**Select one of the following sequences of courses:**

- ECO 3411 Quantitative Business Tools II | 3 hrs
- or STA 4163 Statistical Methods II | 3 hrs
- or STA 4321 Statistical Theory I | 3 hrs

**5. Restricted Electives**

- All B.A. Economics majors will be required to take a minimum of nine (9) electives by choosing from the following:
- ECO 3223 Money and Banking | 3 hrs
- ECO 3410 Mathematical Economics | 3 hrs
- ECO 3703 International Microeconomics | 3 hrs
- ECO 4303 History of Economic Thought | 3 hrs
- ECO 4412 Econometrics | 3 hrs
- ECO 4504 Public Economics | 3 hrs
- ECO 4713 International Macroeconomics | 3 hrs
- ECO 4751 Law and Economics | 3 hrs
- ECO 4934 Topics in Econometrics | 3 hrs
- ECP 3004 Seminar on Current Economic Topics | 3 hrs
- ECP 3203 Labor Economics | 3 hrs
- ECP 4303 Environmental and Natural Resource Economics | 3 hrs
- ECP 4403 Industrial Organization and Game Theory | 3 hrs
- ECS 4013 Development Economics | 3 hrs
- ECP 4530 Health Economics | 3 hrs

**For those students interested in preparing for graduate school in Economics and other graduate studies, the following courses are strongly recommended:**

- ECO 3410 Mathematical Economics | 3 hrs
- ECO 4412 Econometrics | 3 hrs
- ECP 4403 Industrial Organization and Game Theory | 3 hrs
- ECO 4934 Topics in Econometrics | 3 hrs

**6. Capstone Requirements**

- ECO 4902 Capstone in Economics | 1 hr

**7. Foreign Language Requirements**

- Admissions

  - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Students majoring in Economics must earn a grade of "C" (2.0) or better in each ECO, ECP, and ECS course and in every course applied towards the major as well as a 2.0 overall average in the major.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Economics, Business

Certificates
- None

Related Minors
- Computer Science
- Legal Studies
- Mathematics
- Political Science
- Psychology
- Sociology
- Statistics

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Only grades of "C" (2.0) or better transfer into the program and students must have a "C" or better in each common program prerequisites class.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

Freshman Year - Fall 15 hrs
- ENC 1101 Composition I 3 hrs
- MAC 1105C College Algebra 3 hrs
- ECO 2013 Principles of Microeconomics 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Freshman Year - Spring 15 hrs
- ECO 2023 Principles of Microeconomics 3 hrs
- ENC 1102 Composition II 3 hrs
- STA 2023 Statistical Methods I 3 hrs
- Social Science Foundation II (ANT/SYG/PSY) (GEP) 3 hrs
- Free Elective 3 hrs

Sophomore Year - Fall 15 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- ECO 3401 Quantitative Business Tools I 3 hrs
- Science Foundation I (GEP) 3 hrs
- Historical Foundation I (GEP) 3 hrs
- Free Elective 3 hrs

Sophomore Year - Spring 16 hrs
- Foreign Language 4 hrs
- Historical Foundation II (GEP) 3 hrs
- Science Foundation II (GEP) 3 hrs
- ECO Elective (MAJ) 3 hrs
- Free Elective 3 hrs

Junior Year - Fall 16 hrs
- ECO 3101 Intermediate Microeconomics 3 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- Foreign Language II 4 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Junior Year - Spring 15 hrs
- ECO 3203 Intermediate Macroeconomics 3 hrs
- ECO Elective (MAJ) 3 hrs
- ECO Elective (MAJ) 3 hrs
- ECO Elective (MAJ) 3 hrs
- Free Elective 3 hrs

Senior Year - Fall 13 hrs
- ECO 4902 Capstone in Economics 1 hr
- ECO Elective (MAJ) 3 hrs
- ECO Elective (MAJ) 3 hrs
- ECO Elective (MAJ) 3 hrs
- Free Elective 3 hrs

Senior Year - Spring 15 hrs
- ECO Elective (MAJ) 3 hrs
- ECO Elective (MAJ) 3 hrs
- ECO Elective (MAJ) 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $15 per term
- Full-Time Student: $30 per term

Economics, Business (B.S.B.A.)
College of Business Administration

Department of Economics,
Business Administration II, Room: 305
http://www.bus.ucf.edu/economics
Michael Caputo, BA2 302Q, mcaputo@bus.ucf.edu, 407-823-1405
David Scrogin, BA2 302U, 407-823-4129
Nora Underwood, BA2 302N, 407-823-1403
Phone: 407-823-3266

The Business Economics major for the Bachelor of Science in Business Administration is designed for students who wish to receive specialized training in Economics along with core skills in business administration. Flexibility to select from a variety of courses allows students to customize their education program to their personal interests and career goals. This degree provides skills and training for careers in business and industry, law, government, politics, teaching, research, and a variety of other areas. This degree also provides a strong foundation for future graduate studies in business, economics, law and public administration. Successful completion of this program leads to the Bachelor of Science in Business Administration degree with a major in Economics.
Admission Requirements
- See Common Program Prerequisites
- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.

Degree Requirements
- Not eligible for a double degree with another College of Business Administration major or a BA in Economics
- Students in the Business Economics major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000 level or higher Economics courses taken at UCF.
- Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on lack of progress in the major. Lack of Progress in the major will continue until such time as the student's cumulative GPA in all Economics courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Economics courses in the subsequent term, that student will be dropped as a Business Economics major.
- A student who is dropped may seek re-admittance as a Business Economics major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving an Economics GPA of 2.0 or higher. Readmission is not automatic.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   - Prefer SPC 1608 Fundamentals of Oral Communication
   B: Cultural & Historical Foundations (9 hrs)
   - Required MAC 1105C College Algebra
   C: Mathematical Foundations (6 hrs)
   - Required CGS 2100C Computer Fundamentals for Business
   - Prefer MAC 1105C College Algebra
   D: Social Foundations (6 hrs)
   - Select 1: 3 hrs
     - Prefer ECO 2013 Principles of Macroeconomics
     - Prefer ECO 2023 Principles of Microeconomics
   - Select 1: 3 hrs
     - Suggested ANT 2000 General Anthropology
     - Suggested PSY 2012 General Psychology
     - Suggested SYG 2000 Introduction to Sociology
   E: Science Foundations (6 hrs)
   - Required MAC 2233 Concepts of Calculus and STA 2023 Statistical Methods I
   - or MAC 2311 and MAC 2312

2. Common Program Prerequisites (CPP) (18 hrs)
- Must be completed with a "C" (2.0) or better.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (35 hrs)
   - GEB 3375 Introduction to International Business
   - MAN 3025 Management of Organizations
   - MAR 3023 Marketing
   - MAR 3203 Supply Chain and Operations Management
   - GEB 4223 Business Interviewing Techniques
   - GEB 4004 Executing Your Career Plan

5. Restricted Electives (18 hrs)
- All B.S.B.A. economics majors will be required to take six (6) electives by choosing from the following:

6. Capstone Requirements (5 hrs)
- ECO 4902 Capstone in Economics
- 1 MAN 4720 Strategic Management

7. Foreign Language Requirements
- None

8. Electives
- Variable

9. Additional Requirements
- Special College and/or Departmental Requirements
- Must complete all Gordon Rule requirements prior to admission to this degree.
- Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.

For students interested in preparing for graduate school in Economics and other graduate studies, the following courses are strongly recommended:

- ECO 4100 Mathematical Economics
- ECO 4412 Econometrics
- ECO 4503 Industrial Organization and Game Theory
- ECO 4904 Topics in Econometrics

For students majoring in Business Economics, the following requirements apply:

- Students majoring in Business Economics must earn a grade of “C” (2.0) or better in each ECO, ECP, ECS course and in each course applied towards the major as well as a 2.0 overall average in the major.

1 Must be taken in 1st or 2nd semester.
2 Required to be taken with GEB 3031
3 Must be completed with a "C" (2.0) or better in each ECO, ECP, ECS course
UCF Degree Programs

10. Required Minors
   - None

11. Departmental Exit Requirements
   - None

12. University Minimum Exit Requirements
   - A 2.0 UCF GPA
   - 60 semester hours earned after CLEP awarded
   - 48 semester hours of upper division credit completed
   - 30 of the last 39 hours of course work must be completed in residency at UCF.
   - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   - 120

Honors In Major
   - None

Related Programs
   - Economics

Certificates
   - None

Related Minors
   - None

Advising Notes
   - Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
   - Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes
   - Lower division courses do not substitute for upper division courses.
   - Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
   - Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
   - Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of “C” (2.0) or higher transfer into the program and students must have a “C”(2.0) or better in each common program prerequisites class.

Acceptable Substitutes for Transfer Courses
   - ACG 2021- Principles of Financial Accounting may be substituted with ACG X001 and ACG X011.

Plan of Study

Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105C College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Foundation I</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>CGS 2100C Computer Fundamentals for Business</td>
<td>3</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021 Principles of Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Historical Foundation I</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Sophomore Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2071 Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3401 Quantitative Business Tools I</td>
<td>3</td>
</tr>
<tr>
<td>Historical Foundation II</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Junior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 3031 Cornerstone: Professional Skills for Business</td>
<td>1</td>
</tr>
<tr>
<td>GEB 3031L Cornerstone Lab: Professional Skills for Business</td>
<td>1</td>
</tr>
<tr>
<td>GEB 3003 Career Research &amp; Planning</td>
<td>1</td>
</tr>
<tr>
<td>FIN 3403C Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3411 Quantitative Business Tools II</td>
<td>3</td>
</tr>
<tr>
<td>MAR 3023 Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3101 Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>MAN 3025 Management of Organizations</td>
<td>3</td>
</tr>
<tr>
<td>GEB 3005 Career Search Strategy</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 4902 Capstone in Economics</td>
<td>1</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>MAR 3203 Supply Chain and Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4720 Strategic Management</td>
<td>4</td>
</tr>
<tr>
<td>GEB 4004 Executing Your Career Plan</td>
<td>1</td>
</tr>
</tbody>
</table>

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

Electrical Engineering (B.S.E.E.)

College of Engineering and Computer Science

Department of Electrical Engineering and Computer Science

Science, Harris Corp. Engineering Center, Room: 346

[http://www.eecs.ucf.edu](http://www.eecs.ucf.edu)

Email: undergraduate@eecs.ucf.edu

Dr. Samuel Richie

Charlese Hilton-Brown

Phone: 407-823-3327

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a “C” (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final prerequisite course(s) listed above.

Degree Requirements

- None
1. UCF General Education Program (GEP) (38 hrs)
   - The UCF General Education Program (GEP) is described in the section, General Education Program, found elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

A: Communication Foundations (9 hrs)
   - Required ENC 1101 Composition I 3 hrs
   - Required ENC 1102 Composition II 3 hrs
   - Select 1: 3 hrs
     - Preferred SPC 1603C Fundamentals of Technical Presentations or SPC 1608 Fundamentals of Oral Communication
     - Suggested SPC 1608 Fundamentals of Oral Communication

B: Cultural & Historical Foundations (9 hrs)
   - Select two courses from Historical Foundations 6 hrs
   - Select one class from Cultural Foundations 3 hrs

C: Mathematical Foundations (7 hrs)
   - Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
   - Required STA 3032 Probability and Statistics for Engineers 3 hrs

D: Social Foundations (6 hrs)
   - Select 1: 3 hrs
     - Preferred ECO 2023 Principles of Microeconomics or ECO 2013 Principles of Macroeconomics 3 hrs
     - Preferred ECO 2023 Principles of Microeconomics or ECO 2013 Principles of Macroeconomics 3 hrs
     - Select one class from Social Foundations 3 hrs

E: Science Foundations (7 hrs)
   - Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
   - Required PHY 2049C Physics for Engineers & Scientists II 4 hrs
   - Select one course from Science Foundations 3 hrs

2. Common Program Prerequisites (CPP) (19 hrs)
   - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in EE major courses, a 2.0 (C or better) in each course is required for those courses indicated.

1 MAC 2311C Calculus with Analytic Geometry I GEP
2 MAC 2312C Calculus with Analytic Geometry II 4 hrs
1 MAC 2313C Calculus with Analytic Geometry III 4 hrs
1 PHY 2048C Physics for Engineers & Scientists I GEP
1 PHY 2049C Physics for Engineers & Scientists II 4 hrs
1 MAP 2302 Ordinary Differential Equations I 3 hrs
1 CHE 1440 Principles of Chemistry or CHE 1441 Principles of Chemistry or 4 hrs
1 CHM 2045C Chemistry Fundamentals I 4 hrs
1 A “C” (2.0) or better is required in this course.
2 Preferred

3. Core Requirements: Basic Level (2 hrs)
   - The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the courses required for the major, technical elective courses, and with the senior design courses. Independent study courses generally do not satisfy major requirements.

EGS 1006C Introduction to the Engineering Profession 1 hr
EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (53 hrs)
   - Courses Required for the Engineering Core 9 hrs
     - EGN 3310 Engineering Analysis-Statics 3 hrs
     - STA 3032 Probability and Statistics for Engineers GEP
     - PHY 3101 Physics for Engineers and Scientists I 3 hrs
   - Select 1: 3 hrs
     - EGN 3321 Engineering Analysis-Dynamics or 3 hrs
     - EGN 3358 Thermo-Fluids-Heat Transfer 3 hrs

5. Restricted Electives (10 hrs)
   - Technical electives are available in the BSEE program to address specific student interests in a variety of technical areas such as microelectronics, wireless communication, and photonics. Students should consult with their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Courses Required for the Major (44 hrs)
- EEL 3004C Electrical Networks 3 hrs
- EEL 3123C Networks and Systems 4 hrs
- EEE 3350 Semiconductor Devices I 3 hrs
- EEE 3307C Electronics I 4 hrs
- EEE 3342C Digital Systems 3 hrs
- EEL 3470 Electromagnetic Fields 3 hrs
- EEL 3552C Analog and Digital Communication 4 hrs
- EEL 3657 Linear Control Systems 3 hrs
- EEL 3801C Computer Organization 3 hrs
- EEE 4309C Electronics II 4 hrs
- EEL 4753 Digital Signal Processing Fundamentals 3 hrs
- EEL 4742C Embedded Systems 4 hrs
- EGN 3211 Engineering Analysis and Computation 3 hrs

5. Restricted Electives (10 hrs)
   - Technical electives are available in the BSEE program to address specific student interests in a variety of technical areas such as microelectronics, wireless communication, and photonics. Students should consult with their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives (10 hrs)
- Technical elective courses are to be selected by the student from department approved courses.

6. Capstone Requirements (6 hrs)

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- None

9. Additional Requirements
- Electrical engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the EECS Department at UCF and applicable to the degree program.

10. Required Minors
- None

11. Departmental Exit Requirements
- CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 128

Honors In Major
- None

Related Programs
- Computer Engineering
- Computer Science
- Mathematics - Engineering/Physics Track
- Physics

Certificates
- None
### Related Minors
- Engineering Leadership
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Mathematics
- Physics

### Advising Notes
- Each engineering student should meet with their academic advisor in the department of their major regularly.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Electrical Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated program section in the back of this catalog for more information.
- Students are assumed knowledge of a higher level programming language (C preferred).

### Transfer Notes
- Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study

<table>
<thead>
<tr>
<th>Freshman Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGS 1006C</td>
<td>1 hr</td>
</tr>
<tr>
<td>MAC 2311C</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP- Historical Foundation</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 SPC 1603C Fundamentals of Technical Presentations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>or SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>4 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 1440 Principles of Chemistry or</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2045C Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

1 Preferred

<table>
<thead>
<tr>
<th>Freshman Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEN 1007C Engineering Concepts and Methods</td>
<td>1 hr</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2049C Physics for Engineers &amp; Scientists I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013 Principles of Macroeconomics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 2023 Principles of Microeconomics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Fall</th>
<th>14 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 2049C Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EGN 3310 Engineering Analysis-Statics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytic Geometry III</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3101 Physics for Engineers and Scientists III</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEL 3004C Electrical Networks</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAP 2302 Ordinary Differential Equations I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEE 3342C Digital Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP- Cultural Foundation</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Summer</th>
<th>10 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 3211 Engineering Analysis and Computation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEL 3123C Networks and Systems</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP- Social Foundation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Junior Year - Fall</td>
<td>13 hrs</td>
</tr>
<tr>
<td>EEE 3350 Semiconductor Devices I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEL 3552C Analog and Digital Communication Fundamentals</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EEL 3801C Computer Organization</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP- Science Foundation</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>17 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEE 3307C Electronics I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EEL 3657 Linear Control Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEL 4742C Embedded Systems</td>
<td>4 hrs</td>
</tr>
<tr>
<td>STA 3032 Probability and Statistics for Engineers</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 3321 Engineering Analysis-Dynamics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EGN 3358 Thermo-Fluids-Heat Transfer</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL 4750 Digital Signal Processing Fundamentals</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEL 3470 Electromagnetic Fields</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEL 4914 Senior Design I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Approved Technical Elective</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP-Historical Foundation</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>13 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL 4915L Senior Design II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEE 4309C Electronics II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Approved Technical Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Approved Technical Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees
- Part-Time Student: $30 per term
- Full-Time Student: $60 per term

### Elementary Education (B.S.)

#### College of Education and Human Performance

#### School of Teaching, Learning, and Leadership

#### Education Complex, Room: 209

[http://education.ucf.edu/eled/](http://education.ucf.edu/eled/)

Dr. Karri Williams, Karri.Williams@ucf.edu

Dr. Robert Everett, ED 122R, Robert.Everett@ucf.edu, 407-823-5788

#### Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e., an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.5 overall GPA.
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

#### Degree Requirements
- Students should see an advisor prior to registering for classes.
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- This is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.
1. UCF General Education Program (GEP) (36 hrs)

- Students are advised to take the preferred courses.

A: Communication Foundations (9 hrs)
- Required
  - ENC 1101 Composition I 3 hrs
- Required
  - ENC 1102 Composition II 3 hrs
- Prefer
  - SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Prefer
  - AMH 2010 U.S. History: 1492-1877 3 hrs
  - AMH 2020 U.S. History: 1877-Present 3 hrs

Select 1: 3 hrs
- Prefer
  - ARH 2050 History of Western Art I 3 hrs
  - ARH 2051 History of Western Art II 3 hrs
  - MUL 2010 Enjoyment of Music 3 hrs

C: Mathematical Foundations (6 hrs)
- Select 1: 3 hrs
  - Suggested
    - MAC 1105 College Algebra or 3 hrs
    - MGF 1106 Finite Mathematics or 3 hrs
    - MGF 1107 Explorations in Mathematics 3 hrs

Select 1: 3 hrs
- Prefer
  - STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
  - STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
- Prefer
  - POS 2011 American National Government 3 hrs
  - PSY 2012 General Psychology 3 hrs

E: Science Foundations (6 hrs)
- Prefer
  - PSC 1121 Physical Science 3 hrs
  - BSC 100S Biological Principles 3 hrs

2. Common Program Prerequisites (CPP) (9 hrs)
- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

Other Program Requirements 8 hrs
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- MAE 2801 Elementary School Mathematics 4 hrs
- PET 2081 Wellness, Children and Schools 1 hr

- 1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.
- 2 MAC 1105 or MGF 1106 is a prerequisite for MAE 2801
- 3 Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.

Lower Division Electives 7 hrs
- Students may select other electives but are advised to take the following courses to improve their preparation for the Subject Area Examination portion of the Florida Teacher Certification Examination:  * MAC 1105 or MGF 1106 (if not taken for the General Education Program)  * One associated science lab (BSC 100S or PSC 1121L)  * A second course from the preferred courses listed in the UCF General Education Program Section B2 above (ARH 2050, ARH 2051, or MUL 2010) or an additional science course.

4. Core Requirements: Advanced Level (60 hrs)
- The following recommended sequence of required upper division courses may vary at regional campus locations.

Semester I 15 hrs
- 1EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- EEX 4070 Teaching Exceptional Students 3 hrs
- LAE 3414 Literature for Children 3 hrs
- 1RED 3012 Basic Foundations of Reading 3 hrs
- 1TSL 4080 Theory and Practice of Teaching ESL 3 hrs

1 Required prior to Internship I

Semester II 15 hrs
- SCC 3310 Teaching Science in Elementary School 3 hrs
- SSE 3312 Teaching Social Science in the Elementary School 3 hrs
- LAE 4314 Language Arts in the Elementary School 3 hrs
- 1RED 4519 Diagnostic and Corrective Reading 3 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs

1 Required prior to Internship I

Summer
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
- TSL 4240 Issues in Second Language Acquisition 3 hrs

Semester III (Internship I Block) 12 hrs
- Prior to Internship I, the student must have completed each of the prerequisite courses indicated above with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
- Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required prior to application to Internship I.
- Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDF 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment and TSL 4080 Theory and Practice of Teaching ESL Students in Schools.
- Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexp/Prerequisites for Internship I: EDG 4410, RED 3012, TSL 4080, MAE 2801 RED 4942 Practicum for Assessment and Instruction 3 hrs
- MAE 4326 How Children Learn Mathematics 3 hrs
- 1EDE 3942 Internship I 3 hrs
- EDE 4223 Integrated Arts and Movement in the Elementary School 3 hrs

1 RED 4942, MAE 4326, and EDE 4943 are taken concurrently with EDE 3942 Internship I. Students should not plan to take additional courses with Internship I block because of the intensity of the Internship I semester.

Semester IV (Internship II) 12 hrs
- Passing scores on all sections [General Knowledge, Professional, and Subject Area (Elementary Education K-6)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
- All methods/specialization/foundations courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.
- Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexp/
UCF Degree Programs

- Satisfactory completion of Internship II requires the student to demonstrate proficiency in all 12 Florida Educator Accomplished Practices.
- Admissions:
  - State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)
- Graduation:
  - None

5. Restricted Electives
- None

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions:
- None

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Achieve a minimum overall 2.5 GPA within the major.
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the 12 Florida Educator Accomplished Practices.
- Complete a TESOL notebook as required for ESOL Endorsement.
- Pass all applicable sections of the Florida Teacher Certification Examination.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- None

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

Freshman Year - Fall

- MAC 1105C  College Algebra  3 hrs
- ENC 1101  Composition I  3 hrs
- ARH 2050  History of Western Art I  3 hrs
- EME 2040  Introduction to Technology for Educators  3 hrs

Freshman Year - Spring

- EDF 2130  Child and Adolescent Development for Educators  3 hrs
- ENC 1102  Composition II  3 hrs
- PSY 2012  General Psychology  3 hrs
- PSC 1121L  Physical Science Lab  1 hr

1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

Freshman Year - Summer

- MGF 1106  Finite Mathematics  3 hrs
- POS 2041  American National Government  3 hrs

Sophomore Year - Fall

- AMH 2010  U.S. History: 1492-1877  3 hrs
- MUL 2010  Enjoyment of Music  3 hrs

Sophomore Year - Spring

- AMH 2020  U.S. History: 1877-Present  3 hrs
- MAE 2801  Elementary School Mathematics  4 hrs
- STA 2014C  Principles of Statistics  3 hrs
- EDF 2085  Introduction to Diversity for Educators  3 hrs

1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

Junior Year - Fall

- EDF 4410  Teaching Strategies and Classroom Management  3 hrs
- EEX 4070  Teaching Exceptional Students  3 hrs
- LAE 3414  Literature for Children  3 hrs
- RED 3012  Basic Foundations of Reading  3 hrs
- TSL 4080  Theory and Practice of Teaching ESOL Students in Schools  3 hrs

Junior Year - Spring

- EDF 4603  Analysis and Application of Ethical, Legal and Safety Issues in Schools  3 hrs
- TSL 4240  Issues in Second Language Acquisition  3 hrs

Senior Year - Fall

- MAE 4326  How Children Learn Mathematics  3 hrs
- RED 4942  Practicum for Assessment and Instruction of Reading  3 hrs
- EDE 4223  Integrated Arts and Movement in the Elementary School  3 hrs

Senior Year - Spring

- EDE 4943  Internship II (Elementary)  12 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $6 per term
- Full-Time Student: $12 per term
English - Creative Writing (B.A.)
College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://english.ucf.edu

Email: english@ucf.edu
Dr. Patrick Murphy
Phone: 407-823-5596

Admission Requirements
- none

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog
- Students need to earn at least a “C” (2.0) in each required course
- Co-op or internship credit cannot be used in the major without prior approval from the department
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF English Department
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations
   - Required ENC 1101 Composition I
   - Required ENC 1102 Composition II
   - Select one course from B.1.B.1 list
   - Select at least one of these post-1865 literature courses.

2. Foreign Language Requirements
   - Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies.
   - Standardized examinations for foreign languages may be used to meet the requirement. With departmental approval, a cultural/multicultural or related course offered by the Department of English may be used to satisfy one semester of the Graduation requirement.

3. Core Requirements: Basic Level (9 hrs)
   - CRW 3013 Creative Writing for English Majors
   - CRW 3041 Theories and Techniques of Literature
   - CRW 3053 Theory & Practice of Creative Writing

4. Core Requirements: Advanced Level (12 hrs)
   - Literary History Requirement
   - Choose four courses total from these two groupings

5. Restricted Electives (15 hrs)
   - Please note that students must take 4 but no more than 6 of the courses listed in a. and b. below.

   a. Choose two of the following:
      - Select 1: 3 hrs
        - Each semester, additional courses may satisfy this requirement. Check with an advisor for details.
      - Select 2: 6 hrs
        - CRW 4122 Advanced Fiction Writing Workshop
        - CRW 4224 Advanced Nonfiction Workshop

   b. Choose two of the following:
      - Select 2: 6 hrs
        - CRW 4122 Advanced Fiction Writing Workshop
        - CRW 4224 Advanced Nonfiction Workshop

6. Capstone Requirements

7. Foreign Language Requirements

Admissions
- Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies.

Graduation
- Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies.

Select at least one of these post-1865 literature courses.
- Note: Each semester, additional courses may satisfy these requirements. Check with an advisor for details.

Select 1: 3 hrs
- AML 3031 American Literature I
- AML 3613 Narratives of Slavery
- ENL 2012 English Literature I
- ENL 4220 English Renaissance Poetry and Prose
- ENL 4230 18th Century Studies
- ENL 4240 English Romantic Writers

Select 2: 3 hrs
- AML 3286 Early American Women’s Words
- AML 3640 Native American Literature
- LIT 4374 Literature of the Bible
- ENL 3296 Gothic Literature

Select 3: 3 hrs
- AML 4101 American Novel
- AML 4155 Modern American Poetry
- AML 4261 Literature of the South
- AML 4265 Florida Writers
- AML 4321 Modern American Literature
- AML 4630 Latino/Latina Literature
- ENC 2022 English Literature II
- ENC 4101 English Novel
- ENC 4253 The Victorian Age
- ENC 4262 Nineteenth Century British Prose
- ENC 4273 Modern British Literature
- LIT 3082 Continental European Fiction Since 1900
- LIT 3192 Caribbean Literature
- LIT 4043 Modern Drama As Literature
- LIT 4184 Irish Literature
- LIT 4303 Post-World War II Fiction
- LIT 3823 Hispanic Women Writers

Select 4: 3 hrs
- AML 4101 American Novel
- AML 4155 Modern American Poetry
- AML 4261 Literature of the South
- AML 4265 Florida Writers
- AML 4321 Modern American Literature
- AML 4630 Latino/Latina Literature
- ENC 2022 English Literature II
- ENC 4101 English Novel
- ENC 4253 The Victorian Age
- ENC 4262 Nineteenth Century British Prose
- ENC 4273 Modern British Literature
- LIT 3082 Continental European Fiction Since 1900
- LIT 3192 Caribbean Literature
- LIT 4043 Modern Drama As Literature
- LIT 4184 Irish Literature
- LIT 4303 Post-World War II Fiction
- LIT 3823 Hispanic Women Writers

Select 5: 3 hrs
- ENC 4360 Nature Writing
- CRW 4224 Advanced Nonfiction Workshop
UCF Degree Programs

8. Electives
   - Select primarily from upper level courses, with departmental advisor’s approval. May be outside of the department.

9. Additional Requirements
   - None

10. Required Minors
   - None

11. Departmental Exit Requirements
    - Maintain a minimum GPA of 2.0 in upper division required courses
    - Computer Competency met by completion of CRW 3013

12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be completed in residency at UCF.
    - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   - 120

Honors In Major (9 hrs)
   - Application and admission through the English Honors Committee and the Honors College.
   - Fulfill University requirements for Honors in the Major.
   - Grade of “B” (3.0) or better in an English graduate or undergraduate course or in a graduate or undergraduate course outside the major that relates to thesis with approval (3 hrs), Directed Readings (3 hrs), and Thesis hours (3 hrs).
   - Successful completion and oral defense of Honors thesis.

Related Programs
   - English - Technical Communication
   - English - Literature

Certificates
   - None

Related Minors
   - Linguistics
   - English - Technical Communication
   - Writing and Rhetoric
   - English - Literature

Advising Notes
   - None

Transfer Notes
   - Lower division courses do not substitute for upper division courses.
   - Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   - None

Plan of Study
   - One of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.

Freshman Year - Fall 16 hrs
   - ENC 1101 Composition 1 3 hrs
   - HUM 2210 Humanistic Tradition I 3 hrs
   - MGF 1106 Finite Mathematics 3 hrs
   - POS 2041 American National Government 3 hrs
   - SPC 1608 Fundamentals of Oral Communication 3 hrs

Freshman Year - Spring 16 hrs
   - ENC 1102 Composition II 3 hrs
   - CHM 1020 Concepts in Chemistry 3 hrs
   - LIT 2110 World Literature I 3 hrs
   - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
   - SPN 1120C Elementary Spanish Language and Civilization I 4 hrs

Sophomore Year - Fall 16 hrs
   - LIT 2120 World Literature II 3 hrs
   - FSY 2012 General Psychology 3 hrs
   - SPN 1121C Elementary Spanish Language and Civilization II 4 hrs
   - 1 Restricted Elective 3 hrs
   - BSC 1005 Biological Principles 3 hrs

Sophomore Year - Spring 15 hrs
   - CRW 3013 Creative Writing for English Majors 3 hrs
   - AML 3031 American Literature I 3 hrs
   - ENL 3296 Gothic Literature 3 hrs
   - SPN 2200 Intermediate Spanish Language and Civilization I 3 hrs
   - CRW 3053 Theory & Practice of Creative Writing 3 hrs

Junior Year - Fall 15 hrs
   - ENG 3014 Theories and Techniques of Literature Study 3 hrs
   - AML 3041 American Literature II 3 hrs
   - CRW 3211 Creative Nonfiction Writing 3 hrs
   - Restricted Elective 3 hrs
   - Restricted Elective 3 hrs

Junior Year - Spring 15 hrs
   - ENL 4101 English Novel 3 hrs
   - CRW 3120 Fiction Writing Workshop 3 hrs
   - CRW 4224 Advanced Nonfiction Workshop 3 hrs
   - Restricted Elective 3 hrs
   - Restricted Elective 3 hrs

Senior Year - Fall 12 hrs
   - CRW 3311 Structure of Verse 3 hrs
   - CRW 4122 Advanced Fiction Writing Workshop 3 hrs
   - Restricted Elective 3 hrs
   - Restricted Elective 3 hrs

Senior Year - Spring 13 hrs
   - CRW 3610 Writing Scripts 3 hrs
   - Restricted Elective 3 hrs
   - Restricted Elective 3 hrs
   - Restricted Elective 1 hr

Program Academic Learning Compacts
   - Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

English - Literature (B.A.)

College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://english.ucf.edu
Email: english@ucf.edu
Dr. Patrick Murphy
Phone: 407-823-5596

Admission Requirements
   - None

Degree Requirements
   - Students who change degree programs and select this major must adopt the most current catalog.
   - Students must earn at least a “C” (2.0) in each required course.
   - Co-op or internship credit is not accepted in the major.
   - Students should consult with a departmental advisor.
   - Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF English Department.
   - Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations
- Prefer LIT 2010 World Literature I 3 hrs
- Prefer LIT 2120 World Literature II 3 hrs
- Select one class from 1.B.1 list 3 hrs

C: Mathematical Foundations
- Math: 3 hrs
  - Suggested MGF 1106 Finite Mathematics or 3 hrs
  - Suggested MGF 1107 Explorations in Mathematics or 3 hrs
  - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers 3 hrs
- Select a course from GEP C.2 list 3 hrs

D: Social Foundations (6 hrs)

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- ENC 1101 Composition I 3 hrs
- ENC 1102 Composition II 3 hrs

3. Core Requirements: Basic Level (6 hrs)
- ENG 3014 Theories and Techniques of Literature Study 3 hrs

Choose one gateway course 3 hrs
- CRW 3013 Creative Writing for English Majors or 3 hrs
- ENC 3241 Writing for the Technical Professional or 3 hrs
- CRW 3053 Theory & Practice of Creative Writing or 3 hrs

Select at least two pre-1865 literature courses 6 hrs
- AML 3041 American Literature I or 3 hrs
- AML 3613 Narratives of Slavery or 3 hrs
- ENL 2012 English Literature I or 3 hrs
- ENL 4220 English Renaissance Poetry and Prose or 3 hrs
- ENL 4230 19th Century Studies or 3 hrs
- ENL 4240 English Romantic Writers or 3 hrs
- LIT 4374 Literature of the Bible or 3 hrs
- AML 3286 Early American Women’s Words or 3 hrs
- AML 3640 Native American Literature or 3 hrs
- ENL 3298 Gothic Literature or 3 hrs

Select at least two post-1865 literature courses 6 hrs
- AML 3041 American Literature II or 3 hrs
- AML 3283 Contemporary American Women’s Fiction or 3 hrs
- AML 3614 Topics in African-American Literature or 3 hrs
- AML 3615 Harlem, Haiti, and Havana or 3 hrs
- AML 3643 Contemporary Native American Prose and Poetry or 3 hrs
- AML 4101 American Novel or 3 hrs
- AML 4155 Modern American Poetry or 3 hrs
- AML 4251 Literature of the South or 3 hrs
- AML 4265 Florida Writers or 3 hrs
- AML 4321 Modern American Literature or 3 hrs
- AML 4630 Latino/Latina Literature or 3 hrs
- ENL 2022 English Literature II or 3 hrs
- ENL 4101 English Novel or 3 hrs
- ENL 4253 The Victorian Age or 3 hrs

ENL 4262 Nineteenth Century British Prose or 3 hrs
ENL 4273 Modern British Literature or 3 hrs
LIT 3082 Continental European Fiction Since 1900 or 3 hrs
LIT 3192 Caribbean Literature or 3 hrs
LIT 4043 Modern Drama As Literature or 3 hrs
LIT 4184 Irish Literature or 3 hrs
LIT 4303 Post-World War II Fiction or 3 hrs
LIT 3823 Hispanic Women Writers or 3 hrs

5. Restricted Electives (15 hrs)

Choose one single author or major author course: 3 hrs
- AML 4300 Major American Authors or 3 hrs
- ENL 4311 Chaucer or 3 hrs
- ENL 4341 Milan and His Age or 3 hrs
- ENL 4333 Shakespeare Studies or 3 hrs
- ENL 4303 British Authors or 3 hrs
- LIT 4244 World Authors or 3 hrs

Choose one linguistics or theory course: 3 hrs
- AML, ENL, LIT or ENG prefix

Three additional upper level courses 9 hrs
- AML, ENL, LIT or ENG prefix

6. Capstone Requirements
- None

7. Foreign Language Requirements
- None

Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement. With departmental approval, a cultural/multicultural or related course offered by the Department of English may be used to satisfy one semester of the Graduation requirement.

8. Electives

Select primarily from upper level courses, with departmental advisor’s approval. May be outside of the department. Please note that no more than 6 of the following courses may be taken: CRW 3120, CRW 3211, CRW 3310, CRW 3610, CRW 4122, CRW 4224, CRW 4320, CRW 4616, and ENC 4360.

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Maintain a minimum GPA of 2.0 in upper division required courses.
- Computer Competency met by completion of ENG 3014.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 120
UCF Degree Programs

Sophomore Year - Spring 15 hrs

Freshman Year - Fall 16 hrs

Sophomore Year - Fall 16 hrs

Sophomore Year - Spring 16 hrs

Junior Year - Fall 15 hrs

Senior Year - Fall 15 hrs

Senior Year - Spring 13 hrs

Related Programs

- English - Creative Writing
- English - Technical Communication
- English - Linguistics
- English - Technical Communication
- Writing and Rhetoric

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- One of the numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.

Freshman Year - Fall 15 hrs

ENC 1101 Composition I 3 hrs
HUM 2210 Humanistic Tradition I 3 hrs
MGF 1108 Finite Mathematics 3 hrs
POS 2041 American National Government 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs

Freshman Year - Spring 16 hrs

CHM 1020 Concepts in Chemistry 3 hrs
ENC 1102 Composition II 3 hrs
LIT 2110 World Literature I 3 hrs
STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
1 SPN 1120C Intermediate Spanish Language and Civilization I 4 hrs
1 Any language course at this level is acceptable.

Sophomore Year - Fall 16 hrs

BSC 1005 Biological Principles 3 hrs
LIT 2120 World Literature II 3 hrs
PSY 2012 General Psychology 3 hrs
Restricted Elective 3 hrs
1 SPN 1121C Intermediate Spanish Language and Civilization II 4 hrs
1 Any language course at this level is acceptable.

Sophomore Year - Spring 15 hrs

ENG 3014 Theories and Techniques of Literature Study 3 hrs
AML 3031 American Literature I 3 hrs
AML 3041 American Literature II 3 hrs
Restricted Elective 3 hrs
1 SPN 2200 Intermediate Spanish Language and Civilization I 3 hrs
1 Third semester of language can be replaced with a diversity course.
See department advisor for list of approved courses.

 Junior Year - Fall 15 hrs

CRW 3013 Creative Writing for English Majors 3 hrs
ENL 4273 Modern British Literature 3 hrs
LIN 4105 History of the English Language 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs

Senior Year - Fall 15 hrs

AML 4101 American Novel 3 hrs
ENL 4253 The Victorian Age 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs

Senior Year - Spring 13 hrs

LIT 3383 Women in Literature 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Restricted Elective 1 hr

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

English - Technical Communication (B.A.)
College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://english.ucf.edu
Email: english@ucf.edu
Dr. Patrick Murphy
Phone: 407-823-5596

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a “C” (2.0) in each required course.
- Co-op or internship credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF English Department.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
Required: ENC 1101 Composition I 3 hrs
Required: ENC 1102 Composition II 3 hrs
Prefer: SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
Math: 3 hrs
Suggested: MGF 1106 Finite Mathematics or 3 hrs
Suggested: MGF 1107 Explorations in Mathematics or 3 hrs

You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers 3 hrs
Select a course from GEP C.2 list 3 hrs

D: Social Foundations (6 hrs)
4. Core Requirements: Advanced Level (15 hrs)

Select 1: 3 hrs
ENC 3241 Writing for the Technical Professional 3 hrs

Select 1: 3 hrs
CRW 3013 Creative Writing for English Majors or 3 hrs
ENG 3014 Theories and Techniques of Literature Study or 3 hrs
CRW 3053 Theory & Practice of Creative Writing 3 hrs

4. Core Requirements: Advanced Level (15 hrs)

ENC 4260 Technical Writing Style 3 hrs
ENC 4293 Documentation and the Collaborative Process 3 hrs
ENC 4294 Documentation and Client-Based Collaboration 3 hrs
LIT 4433 Literature of Science and Technology 3 hrs

Select 1: 3 hrs
ENC 4215 Technical Publication and Project Management or 3 hrs
ENC 4218 The Visual in Technical Documentation 3 hrs

Literary History Requirement 9 hrs
Choose three courses from these two groupings

Select at least one of these pre-1865 literature courses
AML 3031 American Literature I or 3 hrs
AML 3613 Narratives of Slavery or 3 hrs
ENL 2012 English Literature I or 3 hrs
ENL 4220 English Renaissance Poetry and Prose or 3 hrs
ENL 4230 18th Century Studies or 3 hrs
ENL 4240 English Romantic Writers or 3 hrs
ENL 4311 Chaucer or 3 hrs
ENL 4333 Shakespeare Studies or 3 hrs
ENL 4341 Milton and His Age or 3 hrs
LIT 4374 Literature of the Bible or 3 hrs
AML 3286 Early American Women’s Words or 3 hrs
AML 3640 Native American Literature or 3 hrs
ENL 3296 Gothic Literature 3 hrs

Select at least one of these post 1865 literature courses
AML 3041 American Literature II or 3 hrs
AML 3283 Contemporary American Women’s Fiction or 3 hrs
AML 3614 Topics in African-American Literature or 3 hrs
AML 3615 Harlem, Haiti, and Havana or 3 hrs
AML 4101 American Novel or 3 hrs
AML 4155 Modern American Poetry or 3 hrs
AML 4261 Literature of the South or 3 hrs
AML 4265 Florida Writers or 3 hrs
AML 4321 Modern American Literature or 3 hrs
AML 4630 Latino/Latin American Literature or 3 hrs
ENL 2022 English Literature II or 3 hrs
ENL 4101 English Novel or 3 hrs
ENL 4253 The Victorian Age or 3 hrs
ENL 4262 Nineteenth Century British Prose or 3 hrs
ENL 4273 Modern British Literature or 3 hrs
LIT 3082 Continental European Fiction Since 1900 or 3 hrs
LIT 3192 Caribbean Literature or 3 hrs
LIT 4043 Modern Drama As Literature or 3 hrs
LIT 4184 Irish Literature or 3 hrs
LIT 4303 Post-World War II Fiction or 3 hrs
AML 3643 Contemporary Native American Prose and Poetry or 3 hrs
LIT 3823 Hispanic Women Writers 3 hrs

5. Restricted Electives (6 hrs)

Select 2: 6 hrs
ENC 4262 International Technical Communication or 3 hrs
ENC 4265 Writing for the Computer Industry or 3 hrs
ENC 4290 Usability Testing for Technical Communication or 3 hrs

Additional Requirements

10. Required Minors
None

11. Departmental Exit Requirements
Maintain a minimum GPA of 2.0 in upper division required courses

12. University Minimum Exit Requirements
A 2.0 UCF GPA
60 semester hours earned after CLEP awarded
48 semester hours of upper division credit completed
30 of the last 39 hours of course work must be completed in residency at UCF.
A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 120

Honors In Major
Application and admission through the English Honors Committee and the Honors College.
Fulfill University requirements for Honors in the Major.
Grade of “B” (3.0) or better in an English graduate or undergraduate level course or in a graduate or undergraduate level course outside the major that relates to thesis with approval (3 hours), Directed Readings (3 hours), and Thesis hours (3 hours).
Successful completion and oral defense of Honors thesis.

Related Programs
English - Creative Writing
English - Literature
Certificates
None

Related Minors
English - Creative Writing
English - Literature
English - Linguistics
Writing and Rhetoric
UCF Degree Programs

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- ENC 1101 & 1102: may use any two lower level courses, taught in the English Department, and each having a 6,000 word requirement. However, ENC 1101 & 1102 are prerequisites for all subsequent English courses and will need to be taken for the major.

Plan of Study
- One of the numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.

Freshman Year - Fall 15 hrs
- ENC 1101 Composition I 3 hrs
- HUM 2210 Humanistic Tradition I 3 hrs
- MGF 1106 Finite Mathematics 3 hrs
- POS 2041 American National Government 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs

Freshman Year - Spring 16 hrs
- ENC 1102 Composition II 3 hrs
- CHM 1020 Concepts in Chemistry 3 hrs
- LIT 2110 World Literature I 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- SPN 1120C Elementary Spanish Language and Civilization I 4 hrs

Sophomore Year - Fall 16 hrs
- LIT 2120 World Literature II 3 hrs
- PSY 2012 General Psychology 3 hrs
- SPN 1121C Elementary Spanish Language and Civilization II 4 hrs
- BSC 1005 Biological Principles 3 hrs
- Restricted Elective 3 hrs

Sophomore Year - Spring 15 hrs
- ENC 3241 Writing for the Technical Professional Process 3 hrs
- AML 3613 Narratives of Slavery 3 hrs
- SPN 2200 Intermediate Spanish Language and Civilization I 3 hrs
- CRW 3013 Creative Writing for English Majors 3 hrs
- Restricted Elective 3 hrs

Junior Year - Fall 15 hrs
- ENC 4293 Documentation and the Collaborative Process 3 hrs
- AML 3041 American Literature II 3 hrs
- LIT 4433 Literature of Science and Technology 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Junior Year - Spring 15 hrs
- ENC 4294 Documentation and Client-Based Collaboration 3 hrs
- ENC 4280 Technical Writing Style 3 hrs
- LIT 3313 Science Fiction 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Fall 12 hrs
- ENC 4218 The Visual in Technical Documentation 3 hrs
- ENC 4262 International Technical Communication 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Spring 13 hrs
- ENC 4414 Writing and Hypertext 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 1 hr

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm

English Language Arts Education (B.S.)
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://education.ucf.edu/englished/

Dr. Jeff Kaplan, ED 122B, Jeffrey.Kaplan@ucf.edu, 407-823-2041
Dr. Janet Andreasen, Janet.Andreasen@ucf.edu, 407-823-5430

The English Language Arts Education B.S. program offers students the option of two tracks: English Language Arts Education - Education Track and English Language Arts Education - Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e., an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of "C-" (1.75) or better
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

Degree Requirements
- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

1. UCF General Education Program (GEP) (36 hrs)
- Students are advised to take the preferred courses.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Required SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required AMH 2010 U.S. History: 1492-1877 3 hrs
- Required LIT 2110 World Literature I 3 hrs
- Required AMH 2020 U.S. History: 1877-Present 3 hrs

C: Mathematical Foundations (6 hrs)
- Required MGF 1106 Finite Mathematics 3 hrs

Select 1: (3 hrs)
- Required STA 1063C Basic Statistics Using Microsoft Excel or
- Required STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
- Required POS 2041 American National Government 3 hrs
- Required PSY 2012 General Psychology 3 hrs
Select 1:  3 hrs
   Prefer ANT 2511  The Human Species or  3 hrs
   Prefer BSC 1005  Biological Principles  3 hrs

2. Common Program Prerequisites (CPP)  (9 hrs)
   See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
   EDF 2005  Introduction to the Teaching Profession  3 hrs
   EDF 2085  Introduction to Diversity for Educators  3 hrs
   EME 2040  Introduction to Technology for Educators  3 hrs
   ENC 1101  Composition I  GEP
   ENC 1102  Composition II  GEP
   SPC 1808  Fundamentals of Oral Communication  GEP
   LIT 2110  World Literature I  GEP
   LIT 2120  World Literature II  GEP
   EDG 4410  Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, TSL 4080 Theory and Practice of Teaching ESOL

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level  (12 hrs)
   Education Track requires 12 semester hours
   Lifelong Learning Track requires 15 semester hours

Education Track 12 hrs
   1EDF 2130  Child and Adolescent Development for Educators  3 hrs
   LIT 2110  World Literature I  GEP
   LIT 2120  World Literature II  3 hrs
   ENL 2012  English Literature I  3 hrs
   ENL 2022  English Literature II  3 hrs
   Select 1:  3 hrs
      EDF 2130  Child and Adolescent Development for Educators or  3 hrs
      EDP 2270  Adult Development & Learning  3 hrs

4. Core Requirements: Advanced Level  (60 hrs)
   Education Track requires 63 semester hours
   Lifelong Learning Track requires 60 semester hours

Education Core Requirements 21 hrs
   1EDG 4440  Teaching Strategies and Classroom Management  3 hrs
   1TSL 4080  Theory and Practice of Teaching ESOL Students in Schools  3 hrs
   1EDF 4603  Learning Theory and Assessment  3 hrs
   EEX 4242  Teaching Exceptional Students in Secondary Settings  3 hrs
   RED 4043  Content Reading in Kindergarten through Grade 12  3 hrs
   TSL 4240  Issues in Second Language Acquisition  3 hrs

1 Prerequisite for Internship I.

Education Track Specialization Requirements 21 hrs
   CRW 3013  Creative Writing for English Majors  3 hrs
   ENG 3014  Theories and Techniques of Literature  3 hrs
   AML 3031  American Literature I  3 hrs
   AML 3041  American Literature II  3 hrs
   LAE 4464  Survey of Adolescent Literature  3 hrs
   Upper Division Elective with EDF, EDG, LAE, or RED prefix  3 hrs
   Select 1:  3 hrs
      ENC 3311  Essay as Cultural Commentary or  3 hrs
      LIN 4105  History of the English Language  3 hrs

Internship I Block 9 hrs
   Prior to Internship I, the student must have completed EDF 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, TSL 4080 Theory and Practice of Teaching ESOL
   Students in Schools, and LAE 4464 Introduction to Adolescent Literature with a letter grade of “C-” (1.75) or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
   Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required for admission to Internship I.
   Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL

Internship II 12 hrs
   All methods courses and at least 80% of all specialization courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.
   Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexp/
   LAE 4360  English Instructional Analysis  3 hrs
   LAE 4342  Programs in Teaching Language and Composition  3 hrs
   LAE 3940  Internship  3 hrs

Lifelong Learning Track Specialization 39 hrs
   Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
   A grade of “C-”(1.75) or better is required.
   Must have a total of 48 or more hours of upper level courses to graduate.
   LAE 4464  Survey of Adolescent Literature  3 hrs
   LAE 4360  English Instructional Analysis  3 hrs
   LAE 4342  Programs in Teaching Language and Composition  3 hrs
   LAE 4361  Literacy Strategies for Middle and High School  3 hrs
   CRW 3120  Fiction Writing Workshop  3 hrs
   EDG 4941  Directed Field Experience  1 hr

UNIVERSITY OF CENTRAL FLORIDA

UCF Degree Programs

Undergraduate Catalog 2014-2015

197
## Related Programs
- None

## Certificates
- None

## Related Minors
- None

### Advising Notes
- Consult with your Education advisor and review your degree audit for more recent information.

### Transfer Notes
- None

#### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study

#### Freshman Year - Fall
- 12 hrs
  - AMH 2010 - U.S. History: 1492-1877
  - ENC 1101 - Composition I
  - MGF 1106 - Finite Mathematics
  - PSY 2012 - General Psychology

#### Freshman Year - Spring
- 12 hrs
  - AMH 2020 - U.S. History: 1877-Present
  - ENC 1102 - Composition II
  - POS 2041 - American National Government
  - PSC 1121 - Physical Science

#### Freshman Year - Summer
- 6 hrs
  - LIT 2110 - World Literature I

#### Education Track
- 3 hrs
  - EDF 2130 - Child and Adolescent Development for Educators

#### Lifelong Learning Track
- 3 hrs
  - EDF 2130 - Child and Adolescent Development for Educators or
  - EDP 2270 - Adult Development & Learning

#### Sophomore Year - Fall
- 15 hrs
  - EDF 2085 - Introduction to Diversity for Educators or
  - EME 2040 - Introduction to Technology for Educators
  - LIT 2120 - World Literature II
  - SPC 1608 - Fundamentals of Oral Communication

#### Select 1:
- 3 hrs
  - ANT 2511 - The Human Species or
  - BSC 1005 - Biological Principles

#### Select 1:
- 3 hrs
  - STA 2014C - Principles of Statistics or
  - STA 1063C - Basic Statistics Using Microsoft Excel

#### Sophomore Year - Spring
- 12 hrs
  - ENL 2012 - English Literature I
  - EDF 2085 - Introduction to Diversity for Educators
  - EME 2040 - Introduction to Technology for Educators
  - LIT 2120 - World Literature II

#### Education Track
- 3 hrs
  - AML 3031 - American Literature I

#### Lifelong Learning Track
- 3 hrs
  - MHS 2330 - Career Planning

#### Sophomore Year - Summer
- 6 hrs
  - TSL 4080 - Theory and Practice of Teaching ESOL
  - TSL 4105 - Theory and Practice of Teaching ESOL
  - TSL 4240 - Issues in Second Language Acquisition

#### Junior Year - Fall
- 15 hrs
  - EDF 4467 - Teaching Theory and Assessment
  - EDF 4410 - Teaching Strategies and Classroom Management

#### Education Track
- 6 hrs
  - CRW 3013 - Creative Writing for English Majors

#### Select 1:
- 3 hrs
  - ENC 3311 - Essay as Cultural Commentary
  - LIN 4105 - History of the English Language

#### Lifelong Learning Track
- 6 hrs
  - Choose Lifelong Learning Specialization courses

### 5. Restricted Electives
- None

### 6. Capstone Requirements
- None

### 7. Foreign Language Requirements Admissions
- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

### Graduation
- None

### 8. Electives
- None

### 9. Additional Requirements
- None

### 10. Required Minors
- None

### 11. Departmental Exit Requirements
- Achieve a minimum 2.5 GPA in all courses within the major.

#### Education Track
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the Florida Educator Accomplished Practices.
  - Complete a TESOL notebook as required for ESOL Endorsement.
  - Pass all applicable sections of the Florida Teacher Certification Examination.

#### Lifelong Learning Track
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth and reflection.

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### Honors in Major
- None
### Environmental Engineering (B.S.Env.E.)

#### College of Engineering and Computer Science

#### Department of Civil, Environmental, and Construction Engineering, Engineering II, Room: 211

[http://www.cece.ucf.edu](http://www.cece.ucf.edu)

- Carol Ann Pohl, carolann.pohl@ucf.edu
- Dr. Andrew Randall, andrew.randall@ucf.edu
- Phone: 407-823-2841

#### Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHM 2040 AND CHM 2041.
- Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final pending prerequisite course(s) listed above.

#### Degree Requirements (128 hrs)

- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing the courses from section 3 Basic Core Requirements, section 4 Advanced Core Requirements, section 5 Restricted Electives and section 6 Capstone Requirements listed below. Independent study courses generally do not satisfy major requirements.
- A "C" (2.0) or better is required in each pre-requisite course in section 2 Common Program Prerequisites, section 3 Basic Core Requirements, section 4 Advanced Core Requirements, and section 6 Capstone Requirements.

#### 1. UCF General Education Program (GEP) (38 hrs)

- The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

##### A: Communication Foundations (9 hrs)

- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Suggested SPC 1603C Fundamentals of Technical Presentations 3 hrs

##### B: Cultural & Historical Foundations (9 hrs)

- Select two courses from Historical Foundations 6 hrs
- Select one class from Cultural Foundations 3 hrs

##### C: Mathematical Foundations (7 hrs)

- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Required STA 3032 Probability and Statistics for Engineers 3 hrs

##### D: Social Foundations (6 hrs)

- Select one class from Social Foundations Group 1 3 hrs
- Select one class from Social Foundations Group 2 3 hrs

##### E: Science Foundations (7 hrs)

- Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
- Prefer GEO 1200 Physical Geography 3 hrs

#### 2. Common Program Prerequisites (CPP) (19 hrs)

- These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- A grade of “C” (2.0) or better is required in each course in this section.

##### 1. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs.

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 4043 Content Reading in Kindergarten through Grade 12</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Education Track

- AML 3041 American Literature II and 3 hrs
- LAE 4464 Survey of Adolescent Literature and 3 hrs
- Upper Division Elective w/ RED, LAE, EDG, or EDF prefix 3 hrs

#### Lifelong Learning Track

- Choose Lifelong Learning Specialization courses 9 hrs

<table>
<thead>
<tr>
<th>Junior Year - Summer</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 3014 Theories and Techniques of Literature Study</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Lifelong Learning Track

- Choose a Lifelong Learning Specialization course 3 hrs

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>12 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4242 Teaching Exceptional Students in Secondary Settings</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Education Track

- LAE 4380 English Instructional Analysis and 3 hrs
- LAE 3940 Internship and 3 hrs
- LAE 4342 Programs in Teaching Language and Composition 3 hrs

#### Lifelong Learning Track

- Choose Lifelong Learning Specialization courses 9 hrs

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>12 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAE 4941 Internship</td>
<td>12 hrs</td>
</tr>
</tbody>
</table>

#### Lifelong Learning Track

- Choose Lifelong Learning Specialization courses 12 hrs

#### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

#### Equipment Fees

- Part-Time Student: $12 per term
- Full-Time Student: $24 per term

---

### UCF Degree Programs

UNIVERSITY OF CENTRAL FLORIDA

199 Undergraduate Catalog 2014-2015
UCF Degree Programs

4. Core Requirements: Advanced Level (53 hrs)
   1. EGN 3310 Engineering Analysis-Statics 3 hrs
   2. EGN 3321 Engineering Analysis-Dynamics 3 hrs
   3. EGN 3331 Mechanics of Materials 3 hrs
   4. EGN 3343 Thermodynamics 3 hrs
   5. EGN 3613 Engineering Economic Analysis 2 hrs
   6. ENV 3001 Introduction to Environmental Engineering 3 hrs
   7. CCE 4003 Introduction to the Construction Industry 3 hrs
   8. STA 3032 Probability and Statistics for Engineers GEP
   9. CWR 3201 Engineering Fluid Mechanics 3 hrs
   10. CEG 4011C Geotechnical Engineering I 4 hrs
   11. EES 4111C Biological Process Control 3 hrs
   12. EES 4202C Chemical Process Control 4 hrs
   13. ENV 4531 Environmental Engineering Operations & Processes I 3 hrs
   14. CWR 4632C Water Resources Engineering I 4 hrs
   15. CWR 4633C Water Resources Engineering II 3 hrs
   16. ENV 4120 Air Pollution Control 3 hrs
   17. ENV 4561 Environmental Engineering Operations & Processes II 3 hrs
   18. ENV 4341 Solid & Hazardous Waste Management 3 hrs

1. A “C” (2.0) or better is required in this course.

5. Restricted Electives (3 hrs)
   Technical electives are available in the BSEnV program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements (6 hrs)
   Required Senior Design Courses
   CGN 4808C CECE Capstone Design 3 hrs

Design Specialization 3 hrs
   Must be completed before registering for CGN 4808C - Capstone Design
   ENV 4433C Environmental Engineering Wastewater Design
   1. ENV 4122C Air Pollution Control Design or 3 hrs
   1. ENV 4300C Solid Waste Facility Design or 3 hrs
   1. ENV 4562C Environmental Engineering Water Treatment Design 3 hrs

1. A “C” (2.0) or better is required in this course.

7. Foreign Language Requirements
   Admissions
   Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
   None

8. Electives
   None

9. Additional Requirements
   None

   EnV students must take the Fundamentals of Engineering (FE) Exam during their Senior year.
   Applications must be received by the Florida Board of Professional Engineers approximately 6 months in advance of your exam date.

10. Required Minors
    None

11. Departmental Exit Requirements
    None

12. University Minimum Exit Requirements
    A 2.0 UCF GPA
    60 semester hours earned after CLEP awarded
    48 semester hours of upper division credit completed
    30 of the last 39 hours of course work must be completed in residency at UCF.
    A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 128

Honors In Major
- None

Related Programs
- Chemistry
- Construction Engineering
- Civil Engineering

Certificates
- None

Related Minors
- Chemistry
- Environmental Studies
- Mathematics
- Engineering Leadership
- Bioengineering

Advising Notes
- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Environmental Engineering program offers the opportunity for exceptionally well qualified undergraduates to enter directly into the PhD program after completion of an appropriate BS degree. This option allows outstanding undergraduates to begin planning a research program with a specific faculty advisor even before finishing the BS, and may allow completion of the PhD in a shorter time period than by taking a separate Masters followed by the PhD.

Transfer Notes
- Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour for each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study (128 hrs)
- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their departmental academic advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall 14 hrs
   ENC 1101 Composition I 3 hrs
   MAC 2311C Calculus with Analytic Geometry I 4 hrs
   EGS 1006C Introduction to the Engineering Profession 1 hr
   1 BSC 1050 Biology and Environment 3 hrs
   GEP 3 hrs

1. Biological Science Requirement for Major

Freshman Year - Spring 15 hrs
   ENC 1102 Composition II 3 hrs
   MAC 2312 Calculus with Analytic Geometry II 4 hrs
   PHY 2048C Physics for Engineers & Scientists I 4 hrs
   EGN 1007C Engineering Concepts and Methods 1 hr
   1 GEO 1200 Physical Geography 3 hrs

1. Earth Science Requirement for Major - also in GEP

Sophomore Year - Fall 16 hrs
   MAC 2313 Calculus with Analytic Geometry III 4 hrs
   CHM 2045C Chemistry Fundamentals I 4 hrs
   EGN 3310 Engineering Analysis Statics 3 hrs
   EGN 3613 Engineering Economic Analysis 2 hrs
   GEP 3 hrs

UNIVERSITY OF CENTRAL FLORIDA

200  Undergraduate Catalog 2014-2015
Sophomore Year - Spring 17 hrs
MAP 2302 Ordinary Differential Equations I 3 hrs
CHM 2046 Chemistry Fundamentals II 3 hrs
CHM 2046L Chemistry Fundamentals Laboratory 1 hr
PHY 2049C Physics for Engineers and Scientists II 4 hrs
EGN 3321 Engineering Analysis-Dynamics 3 hrs
ENV 3001 Introduction to Environmental Engineering 3 hrs

Sophomore Year - Summer 9 hrs
EGN 3343 Thermodynamics 3 hrs
STA 3032 Probability and Statistics for Engineers 3 hrs
CWR 3201 Engineering Fluid Mechanics 3 hrs

Junior Year - Fall 15 hrs
ENV 4531 Environmental Engineering Operations & Processes I 3 hrs
EGN 3331 Mechanics of Materials 3 hrs
EES 4202C Chemical Process Control 4 hrs
ENV 4120 Air Pollution Control 3 hrs
ENV 4341 Solid & Hazardous Waste Management 3 hrs

Junior Year - Spring 16 hrs
GEP 3 hrs
EES 4111C Biological Process Control 3 hrs
ENV 4561 Environmental Engineering Operations & Processes II 3 hrs
CWR 4632C Water Resources Engineering I 4 hrs

Design Specialization 3 hrs
ENV 4122C Air Pollution Control Design or Treatment Design 3 hrs
ENV 4562C Environmental Engineering Water or Waste Design 3 hrs
ENV 4433C Environmental Engineering Wastewater Design or Treatment Design 3 hrs
ENV 4300C Solid Waste Facility Design 3 hrs

Senior Year - Fall 13 hrs
CEG 4011C Geotechnical Engineering I 4 hrs
CCE 4003 Introduction to the Construction Industry 3 hrs
CWR 4633C Water Resources Engineering II 3 hrs
GEP 3 hrs

Senior Year - Spring 12 hrs
Restricted Elective 3 hrs
GEP 6 hrs
CGN 4808C CECE Capstone Design 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $35 per term
- Full-Time Student: $70 per term

Event Management (B.S.)
Rosen College of Hospitality Management
Department of Tourism Event and Attractions,
9907 Universal Boulevard, Orlando, FL 32819
http://www.hospitality.ucf.edu
Email: hospitality@mail.ucf.edu
Dr. Robertico Croes, Department Chair
Dr. Abraham Pizam, Dean
Phone: 407-903-8000

Admission Requirements
- None

Degree Requirements
- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.
- Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
      Required: MAC 1105C College Algebra 3 hrs
      Select 1: 3 hrs
         Required: CGS 2100C Computer Fundamentals for Business or STA 2023 Statistical Methods I 3 hrs
      Select 2: 3 hrs
         Required: ECO 2013 Principles of Microeconomics 3 hrs

2. Common Program Prerequisites (CPP) (3 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs

3. Core Requirements: Basic Level
   MAC 1105C College Algebra 3 hrs
   Select 1: 3 hrs
      Required: STA 2023 Statistical Methods I or CGS 2100C Computer Fundamentals for Business 3 hrs
   Select 2: 3 hrs
      Required: ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics 3 hrs

4. Core Requirements: Advanced Level (55 hrs)
   Hospitality Management Core 24 hrs
   HFT 2401 Hospitality Industry Financial Accounting 3 hrs
   HFT 2500 Hospitality and Tourism Marketing 3 hrs
   HFT 2220 Hospitality Human Resources Management 3 hrs
   HFT 2254 Lodging Operations 3 hrs
   HFT 3431 Hospitality Industry Managerial Accounting 3 hrs
   HFT 3540 Guest Services Management I 3 hrs
   HFT 4286 Hospitality Communications 3 hrs
   HFT 4464 Hospitality Industry Finance 3 hrs

Internships 3 hrs
HFT 3940 Internship I 1 hr
HFT 4941 Internship II 1 hr
HFT 4944 Internship III 1 hr

Event Management Core 28 hrs
FSS 2284C Food Preparation for Catered Events 4 hrs
HFT 2750 The Event Industry 3 hrs
HFT 3670 Hospitality and Event Risk Management 3 hrs
HFT 3512 Event Promotion 3 hrs
HFT 3519 Event Services 3 hrs
HFT 3523 Event Sales 3 hrs
HFT 4757 Event Management 3 hrs
HFT 3443 Event Technology 3 hrs
HFT 4802 Catering Sales Management 3 hrs

5. Restricted Electives (15 hrs)
   Complete any five restricted Event Management Electives 15 hrs

Event Management Electives
HFT 3741 Meeting Management or 3 hrs
HFT 4754 Exhibit and Trade Show Operations or 3 hrs
HFT 4795 Entertainment Arts and Events or 3 hrs
HFT 3798 Fairs and Festivals or 3 hrs
HFT 4561 Destination Marketing or 3 hrs
HFT 4736 Destination Management or 3 hrs
HFT 4796 International Events or 3 hrs
HFT 4375 Advanced Trade Show Management or 3 hrs
HFT 3868 History and Culture of Wine or 3 hrs
HFT 3357 Golf & Club Event Operations 3 hrs
6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- State University System foreign language admission requirement: two years in high school or one year in college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
- None

8. Electives
- 3-11 hours as necessary to result in 120 total credit hours.

9. Additional Requirements
- Final exams will be given during Final Exam Week only.

10. Required Minors
- None

11. Departmental Exit Requirements
- None

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.

A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF College of Hospitality Management.
- Florida College System institution students are encouraged to complete the general education requirements prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the event major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

<table>
<thead>
<tr>
<th>Freshman Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 1000 Introduction to the Hospitality and Tourism Industry</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAC 1105C College Algebra</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Cult/Hist. Foundations I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2012 General Psychology or</td>
<td></td>
</tr>
<tr>
<td>SYG 2000 Introduction to Sociology or</td>
<td></td>
</tr>
<tr>
<td>ANT 2000 General Anthropology</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Freshman Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 2254 Lodging Operations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 2750 The Event Industry</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Cult/Hist. Foundations II</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 1060C Introduction to Computers or</td>
<td></td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Fall</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 2500 Hospitality and Tourism Marketing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FSS 2284C Food Preparation for Catered Events</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Science Foundations I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013 Principles of Macroeconomics or</td>
<td></td>
</tr>
<tr>
<td>ECO 2023 Principles of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 2401 Hospitality Industry Financial Accounting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 2220 Hospitality Human Resources Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Science Foundations II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Cult/Hist. Foundations III</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 3540 Guest Services Management I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3431 Hospitality Industry Managerial Accounting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3519 Event Services</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3670 Hospitality and Event Risk Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3512 Event Promotion</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3940 Internship I</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 4464 Hospitality Industry Finance</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3523 Event Sales</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3443 Event Technology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4941 Internship II</td>
<td>1 hr</td>
</tr>
<tr>
<td>Event Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 4286 Hospitality Communications</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4944 Internship III</td>
<td>1 hr</td>
</tr>
<tr>
<td>Event Restricted Electives</td>
<td>12 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>12 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 4757 Event Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4802 Catering Sales Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Event Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Electives</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oaes.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $37.50 per term
- Full-Time Student: $75 per term

Film (B.F.A.)

College of Arts and Humanities
School of Visual Arts and Design, Nicholson School of Communication, Room: 121
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

Admission Requirements
- The Film BFA major is a limited access program.
- Entrance into most Film classes is restricted to majors. Exceptions must be approved by the Department Chair.
Applications to become a Film BFA major are required by December 15 for admission to the subsequent Fall term. A portfolio review is required for entry into the Film BFA major. Contact the Film Department for details, or visit the website, http://www.film.cah.ucf.edu.

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students are required to maintain an overall average grade of "B" (3.0) or better in Film major courses.
- A maximum of six credit hours of internship may be earned in one semester. A total of six credit hours of internship may be earned within the 120 credit hours required for graduation.
- Students must consult with a departmental advisor each semester.
- All students are required to pay a fee for equipment insurance.
- Departmental Residency Requirement consists of at least 48 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Film Department.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)

1. UCF General Education Program (GEP) (36 hrs)

B: Cultural & Historical Foundations (9 hrs)

 prefer

C: Mathematical Foundations (6 hrs)

Math

1. MGF 1106 Finite Mathematics or
2. MGF 1107 Explorations in Mathematics
3. You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics-Computers

Select a course from GEP C.2 list

D: Social Foundations (6 hrs)

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (3 hrs)

† FIL 2030 History of Motion Pictures
† FIL 1007 Foundations of Story

See transfer notes for possible substitutions.

3. Core Requirements: Basic Level (21 hrs)

Lower level core requirements

FIL 2107 Script Analysis
FIL 1009 Cinematic Expression for Majors
FIL 2552 Editing I
FIL 2480 Directing for Film I
FIL 2461 Cinematography I
FIL 2461 Directing the Actor for Film I
DIG 2000 Introduction to Digital Media

3. Core Requirements: Basic Level (21 hrs)

Upper level core requirements

FIL 3115 Short Script I
FIL 3132 Short Script II
FIL 3427C Introduction to Film Production
FIL 3534 Sound Design for Film I
FIL 3536 Film History I
FIL 3037 Film History II
FIL 3803C Film Theory and Criticism I
† FIL 3922 Film Colloquium
† FIL 4486C Directing for Film II
FIL 4661 The Film Producer
FIL 4647 Film Production Management

† Six semesters of colloquium required at 1 hour each.

5. Restricted Electives (12 hrs)

Select four courses from the following. Must complete all core requirements before taking these courses. A maximum of 6 hours of Independent Study may be substituted with advisor’s prior approval.

Production / Direction

FIL 3363C Film Documentary
DIG 4704 Interactive Entertainment
FIL 4472C Cinematography II
FIL 4535C Sound Design for Film II
FIL 4536 Sound Design III
FIL 4451 Design for Film
FIL 4487 Directing for Film III
FIL 4566C Editing II

Screen Writing

FIL 4103 Adaptation
FIL 4162C Feature/TV Writing I
FIL 4163C Feature/TV Writing II
FIL 4162C Genre Writing
FIL 4906 Directed Independent Study

Cinema Studies

FIL 3880C Images of Women in Film
FIL 3831 Black Cinema
FIL 3051 Avant-Garde Cinema
FIL 3840C Film Theory and Criticism II
FIL 3841 French New Wave Cinema
FIL 3824 Italian Neo-Realist Cinema
FIL 3874 Latin American Cinema
FIL 3820 Italian Film
FIL 3822 French Film
FIL 3823 German Film
FIL 3826 American Cinema
FIL 3871 The American Film Artist
FIL 4436 Film Theory/Film Production

Digital Cinema

ART 2823 Art as Interface
ART 3618 Post-Production Design
COP 3502C Computer Science I
DIG 4855 Converging Media Capstone
DIG 3138C Digital Imagery
DIG 4780C Modeling for Real time Systems
ENC 4415 Digital Rhetorics and The Modern Dialectic
DIG 3134 Media Software Design
MUC 3311 MIDI Sequencing I

6. Capstone Requirements (6 hrs)

FIL 4434C Capstone I
FIL 4573C Capstone II

7. Foreign Language Requirements

Admissions

Met by graduation requirement

Graduation

Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives

Select primarily from upper level courses, with departmental advisor’s approval. May be outside of the department.

9. Additional Requirements

None

10. Required Minors

None

11. Departmental Exit Requirements

A student must maintain an overall average of a "B" (3.0) or better in major courses.

Department of Film requires an exit interview.
UCF Degree Programs

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 120

Honors In Major

- None

Related Programs

- Art
- Film - Cinema Studies Track
- Film - World Cinema Track
- English - Creative Writing
- Digital Media
- Music
- Theatre
- Radio - Television

Certificates

- None

Related Minors

- Art - Studio
- Film - Cinema Studies
- English - Creative Writing
- Digital Media
- Music
- Theatre

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

FIL 2030 may substitute for FIL 1000, but FIL 2030 is a prerequisite for subsequent Film courses and still must be taken. FIL 1007 may use any introductory film writing course. However, FIL 1008 is a prerequisite for all major courses and must be taken.

Plan of Study

Freshman Year - Fall 12 hrs

- ENC 1101 Composition I 3 hrs
- FIL 1007 Foundations of Story 3 hrs
- GEP 3 hrs

Freshman Year - Spring 12 hrs

- ENC 1102 Composition II 3 hrs
- FIL 2030 History of Motion Pictures 3 hrs
- GEP 3 hrs

Freshman Year - Summer 6 hrs

- GEP 3 hrs

Sophomore Year - Fall 15 hrs

- FIL 2107 Script Analysis 3 hrs
- FIL 3427C Introduction to Film Production 3 hrs
- FIL 1008 Cinematic Expression/Aesthetics 3 hrs
- GEP 3 hrs

Sophomore Year - Spring 15 hrs

- FIL 2480 Directing for Film I 3 hrs
- FIL 2481 Directing the Actor for Film I 3 hrs
- FIL 2552 Editing I 3 hrs
- FIL 3115 Short Script I 3 hrs
- GEP 3 hrs

Sophomore Year - Summer 8 hrs

- Foreign Language Elementary Level I 4 hrs
- Foreign Language Elementary Level II 4 hrs

Junior Year - Fall 15 hrs

- FIL 2461 Cinematography I 3 hrs
- FIL 3036 Film History I 3 hrs
- FIL 3534 Sound Design for Film I 3 hrs
- FIL 3803C Film Theory and Criticism I 3 hrs
- FIL 4486C Directing for Film II 3 hrs

Junior Year - Spring 15 hrs

- FIL 3037 Film History II 3 hrs
- FIL 3132 Short Script II 3 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- FIL 4647 Film Production Management 3 hrs
- FIL 4681 The Film Producer 3 hrs

Senior Year - Fall 12 hrs

- FIL 4434C Capstone I 3 hrs
- Upper Level FIL Elective 3 hrs
- Upper Level FIL Elective 3 hrs
- Upper Level FIL Elective 3 hrs

Senior Year - Spring 12 hrs

- FIL 4573C Capstone II 3 hrs
- Upper Level FIL Elective 3 hrs
- Upper Level FIL Elective 3 hrs
- Upper Level FIL Elective 3 hrs

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oeas.ucf.edu/lac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Film - Cinema Studies Track (B.A.)

College of Arts and Humanities

School of Visual Arts and Design,

Nicholson School of Communication, Room: 121

http://svad.cah.ucf.edu/

Email: svadadvising@ucf.edu

Phone: 407-823-2676

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students are required to maintain an overall average of “C” (2.0) or better in major courses.
- Film production/directing classes are not open to Cinema Studies majors.
- Internship credit can be used in this major.
- Students must consult with a departmental advisor each semester.
- Departmental Residency Requirement consists of at least 45 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Film Department.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)

   Prefer FIL 2030 History of Motion Pictures 3 hrs
   Prefer one course from 1.B.1 list 3 hrs
   Prefer one course from 1.B.2 list 3 hrs

2. College of Arts and Humanities (30 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)

   Prefer FIL 2030 History of Motion Pictures 3 hrs
   Prefer one course from 1.B.1 list 3 hrs
   Prefer one course from 1.B.2 list 3 hrs
### General Education Program (GEP) (3 hrs)
- **E: Science Foundations** (6 hrs)
  - Acceptable Substitutes for Common Program Prerequisites
- **D: Social Foundations** (6 hrs)
  - Acceptable Substitutes for Transfer Courses
  - Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.
- **C: Mathematical Foundations** (6 hrs)
  - Acceptable Substitutes for Common Program Prerequisites

### Core Requirements: Basic Level (12 hrs)
- **Film 1000** Cinema Expression/Aesthetics (3 hrs)
- **Film 2107** Script Analysis (3 hrs)
- **Film 2423** Foundations of Production (3 hrs)
- **Dig 2000** Introduction to Digital Media (3 hrs)

### Core Requirements: Advanced Level (36 hrs)
- **Film 3006** Art of the Cinema (3 hrs)
- **Film 3426C** Cinematic Expression (3 hrs)
- **Film 3363C** Film Documentary (3 hrs)
- **Film 3036** Film History I (3 hrs)
- **Film 3037** Film History II (3 hrs)
- **Film 3051** Avant-Garde Cinema (3 hrs)
- **Film 3803C** Film Theory and Criticism I (3 hrs)
- **Film 3804C** Film Theory and Criticism II (3 hrs)
- **Film 3845** World Cinema Traditions (3 hrs)
- **Film 3825** American Cinema (3 hrs)
- **Film 4611** The Film Producer (3 hrs)

### Select 1:
- **Film 3102** Writing for Film and TV (3 hrs)
- **Film 3115** Short Script I (3 hrs)

### Restricted Electives (9 hrs)
- Select three courses from the following upper level FIL courses:
  - A maximum of 6 hours Independent Study and/or internship credit may be used
  - **Film 3859** Cinema Directors (3 hrs)
  - **Film 3890C** Images of Women in Film (3 hrs)
  - **Film 3831** Black Cinema (3 hrs)
  - **Film 3841** French New Wave Cinema (3 hrs)
  - **Film 3841** History of Animated Films I (3 hrs)
  - **Film 3824** Italian Neo-Realist Cinema (3 hrs)
  - **Film 3842** International Cinema (3 hrs)
  - **Film 3820** Italian Film (3 hrs)
  - **Film 3822** French Film (3 hrs)
  - **Film 3823** German Film (3 hrs)
  - **Film 3871** The American Film Artist (3 hrs)
  - **Film 4436** Film Theory/Film Production (3 hrs)
  - **Film 4906** Directed Independent Study (3 hrs)
  - **Film 5012** Film and Internet Business (3 hrs)
  - **Dig 4855** Converging Media Capstone (3 hrs)
  - **Dig 4704** Interactive Entertainment (3 hrs)
  - **Film 3847** Latin American Cinema (3 hrs)
  - **Film 3852** Cinema Criticism Writing (3 hrs)

### Capstone Requirements
  - None

### Foreign Language Requirements
  - None

### Admissions
  - Met by graduation requirement.

### Graduation
  - Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

### Electives
  - Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

### Additional Requirements
  - None

### Required Minors
  - Must be taken outside the Film Department. (18 hrs min)

### University Minimum Exit Requirements
  - A 2.0 UCF GPA
  - 60 semester hours earned after CLEP awarded
  - 48 semester hours of upper division credit completed
  - 30 of the last 39 hours of course work must be completed in residency at UCF.
  - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
  - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
  - 120

### Honors In Major
  - None

### Related Programs
  - Art
  - Music
  - Theatre
  - Radio - Television
  - English - Creative Writing
  - Film
  - Film - World Cinema Track

### Certificates
  - None

### Related Minors
  - Music
  - Theatre
  - Art - Studio
  - English - Creative Writing

### Advising Notes
  - None

### Transfer Notes
  - Lower division courses do not substitute for upper division courses.
  - Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses

### Acceptable Substitutes for Common Program Prerequisites

### Plan of Study
  - A minor is required. This Plan of Study includes 18 credit hours for a minor. Please check the requirements for a desired minor as more coursework may be required.

### Freshman Year - Fall
  - ENC 1101 Composition I (3 hrs)
  - FIL 2030 History of Motion Pictures (3 hrs)
  - Foreign Language Elementary Level I (4 hrs)
  - GEP (3 hrs)
### UCF Degree Programs

#### Admission Requirements
- Completion of the UCF General Education Program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.
- See Common Program Prerequisites

#### Degree Requirements
- Students who change their degree programs should adopt the most current catalog.
- Only grades “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
- Final exams will be given during exam week.
- Any student receiving a business degree must complete one half (30) of the 60 hours of upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- A maximum of 6 hours of Advanced Level Core Requirements (section 4 below) or Restricted Electives (section 5 below) can count toward another CBA major or minor degree program.
- Students must earn at least a 2.0 GPA in the major and CBA.
- Students in the finance major must maintain a 2.0 or higher cumulative grade point average in all 3000 level or higher finance or real estate courses taken at UCF. Failure to maintain the required 2.0 GPA will result in the student being placed on lack of progress in the major. Lack of progress in the major will continue until such time as the student’s cumulative GPA in all finance and real estate courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in finance and real estate courses in the subsequent term, that student will be dropped as a finance major. A student who is dropped may seek re-admitance as a finance major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a finance and real estate GPA of 2.0 or higher. Readmission is not automatic.
- Students majoring in finance must earn a grade of “C” (2.0) or better in each course applied toward the major, and a 2.0 overall average in the major. The following is included in this requirement:
  - FIN 3403C Business Finance 3 hrs

#### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oes.ucf.edu/alc/academic_learning_compacts.htm

#### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

### Finance (B.S.B.A.)

#### College of Business Administration

##### Department of Finance,

**Business Administration I, Room: 409**

Students seeking advising must go to BA 2, Room 101.


Phone: 407-823-3575

Not eligible for a double degree with another College of Business Administration major.

### Undergraduate Catalog 2014-2015

#### Freshman Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102, Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 1007, Foundations of Story</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Foreign Language Elementary Level II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Freshman Year - Summer
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Sophomore Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 2107, Script Analysis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3006, Art of the Cinema</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 1008, Cinematic Expression/Aesthetics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Sophomore Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIG 2000, Introduction to Digital Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 2423, Foundations of Production</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3102, Writing for Film and TV</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Junior Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 3363C, Film Documentary</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3083C, Film Theory and Criticism I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3036, Film History I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL XXXX, Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Junior Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 3037, Film History II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3462C, Cinematic Expression</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3040C, Film Theory and Criticism II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 4691, The Film Producer</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Senior Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 3826, American Cinema</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3845, World Cinema Traditions</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL XXXX, Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Senior Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 3051, Avant-Garde Cinema</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL XXXX, Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oes.ucf.edu/alc/academic_learning_compacts.htm

### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

### Finance (B.S.B.A.)

#### College of Business Administration

##### Department of Finance,

**Business Administration I, Room: 409**

Students seeking advising must go to BA 2, Room 101.


Phone: 407-823-3575

Not eligible for a double degree with another College of Business Administration major.

### Admission Requirements
- Completion of the UCF General Education Program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.
- See Common Program Prerequisites

### Degree Requirements
- Students who change their degree programs should adopt the most current catalog.
- Only grades “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
- Final exams will be given during exam week.
- Any student receiving a business degree must complete one half (30) of the 60 hours of upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- A maximum of 6 hours of Advanced Level Core Requirements (section 4 below) or Restricted Electives (section 5 below) can count toward another CBA major or minor degree program.
- Students must earn at least a 2.0 GPA in the major and CBA.
- Students in the finance major must maintain a 2.0 or higher cumulative grade point average in all 3000 level or higher finance or real estate courses taken at UCF. Failure to maintain the required 2.0 GPA will result in the student being placed on lack of progress in the major. Lack of progress in the major will continue until such time as the student’s cumulative GPA in all finance and real estate courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in finance and real estate courses in the subsequent term, that student will be dropped as a finance major. A student who is dropped may seek re-admitance as a finance major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a finance and real estate GPA of 2.0 or higher. Readmission is not automatic.
- Students majoring in finance must earn a grade of “C” (2.0) or better in each course applied toward the major, and a 2.0 overall average in the major. The following is included in this requirement:
  - FIN 3403C Business Finance 3 hrs

#### 1. UCF General Education Program (GEP)
- (36 hrs)
  - A: Communication Foundations
    - (9 hrs)
    - Prefer SPC 1608 Fundamentals of Oral Communication
  - B: Cultural & Historical Foundations
    - (9 hrs)
    - Required CGS 2100C Computer Fundamentals for Business
    - Prefer MAC 1105C College Algebra
  - C: Mathematical Foundations
    - (6 hrs)
    - Required CGS 2100C Computer Fundamentals for Business
    - Prefer MAC 1105C College Algebra
  - D: Social Foundations
    - (6 hrs)
    - Select 1:
      - (3 hrs)
      - Prefer ECO 2023 Principles of Microeconomics
    - Select 1:
      - (3 hrs)
      - Suggested PSY 2012 General Psychology
  - E: Science Foundations
    - (6 hrs)
    - Required CGS 2100C Computer Fundamentals for Business
    - Prefer MAC 1105C College Algebra
    - Select one of the following sequences of courses:
      - (18 hrs)
      - Students who have not completed MAC 2233 and STA 2023 with a “C” (2.0) or better must take ECO 3401.
      - ECO 3401 Quantitative Business Tools I 3 hrs

- Final exams will be given during exam week.
- Only grades “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
- See “Common Prerequisites” in the Transfer and Transitions services section for more information.

- ACG 2021 Principles of Financial Accounting 3 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs

Select one of the following sequences of courses:
- Students who have not completed MAC 2233 and STA 2023 with a “C” (2.0) or better must take ECO 3401.
- ECO 3401 Quantitative Business Tools I 3 hrs
3. Core Requirements: Basic Level (29 hrs)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 3031 Cornerstone: Professional Skills for Business</td>
</tr>
<tr>
<td>GEB 3031L Cornerstone Lab: Professional Skills for Business</td>
</tr>
<tr>
<td>GEB 3003 Career Research &amp; Planning</td>
</tr>
<tr>
<td>GEB 3005 Career Search Strategy</td>
</tr>
<tr>
<td>BUL 3130 Legal and Ethical Environment of Business</td>
</tr>
<tr>
<td>ECO 3411 Quantitative Business Tools II</td>
</tr>
<tr>
<td>FIN 3403C Business Finance</td>
</tr>
<tr>
<td>GEB 3375 Introduction to International Business</td>
</tr>
<tr>
<td>MAN 3025 Management of Organizations</td>
</tr>
<tr>
<td>MAR 3023 Marketing</td>
</tr>
<tr>
<td>MAR 3203 Supply Chain and Operations Management</td>
</tr>
<tr>
<td>GEB 4223 Business Interviewing Techniques</td>
</tr>
<tr>
<td>GEB 4004 Executing Your Career Plan</td>
</tr>
</tbody>
</table>

1 Required in 1st or 2nd semester.
2 Required to be taken with GEB 3031

4. Core Requirements: Advanced Level (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 3303 Financial Markets</td>
</tr>
<tr>
<td>FIN 3414 Intermediate Corporate Finance</td>
</tr>
<tr>
<td>FIN 3504 Investment Analysis</td>
</tr>
<tr>
<td>FIN 4453 Financial Models</td>
</tr>
<tr>
<td>Select 2:</td>
</tr>
<tr>
<td>FIN 3461 Financial Statement Analysis</td>
</tr>
<tr>
<td>FIN 4234 Commercial Bank Management</td>
</tr>
<tr>
<td>FIN 4424 Advanced Topics in Financial Management</td>
</tr>
<tr>
<td>FIN 4514 Portfolio Analysis and Management</td>
</tr>
<tr>
<td>FIN 4533 Financial Derivatives</td>
</tr>
<tr>
<td>FIN 4604 International Financial Management</td>
</tr>
</tbody>
</table>

5. Restricted Electives (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ACG 3131 Intermediate Financial Accounting I or 1 ACG 3141 Intermediate Financial Accounting II or 1 ACG 3361 Cost Accounting I or 1 ECO 4412 Econometrics or 1 FIN 3461 Financial Statement Analysis or 1 FIN 4234 Commercial Bank Management or 1 FIN 4424 Advanced Topics in Financial Management or 1 FIN 4514 Portfolio Analysis and Management or 1 FIN 4533 Financial Derivatives or 1 FIN 4604 International Financial Management or 1 GEB 4374 International Negotiations and Transactions or 1 MAR 3391 Professional Selling or 1 R.EE 3043 Real Estate Development or 1 R.EE 4010 Real Estate Appraisal and Valuation or 1 R.EE 4203 Commercial Real Estate Finance or 1 R.EE 4204 Residential Real Estate Finance or 1 R.EE 4303 Real Estate Investment Analysis or 1 R.EE 4732 Real Estate Development or 1 R.EE 4933 Advanced Topics in Real Estate or 1 TAX 4001 Taxation of Business Entities and Transactions</td>
</tr>
</tbody>
</table>

1 Must be an accounting major or accounting minor to register for this course
2 Must be in the UCF Honors in the Major Program. See http://www.honors.ucf.edu/ for details.

6. Capstone Requirements (4 hrs)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 4720 Strategic Management</td>
</tr>
<tr>
<td>or MAC 2233 Concepts of Calculus and 3 hrs</td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation

Graduation
- None

8. Electives
- (variable)

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- None

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120
- Honors In Major
- None

Related Programs
- None

Certificates
- Finance: Banking
- Finance: Corporate Finance
- Finance: Investments

Related Minors
- None

Advising Notes
- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
UCF Degree Programs

Acceptable Substitutes for Transfer Courses

- None

Plan of Study

- Must complete nine hours in a summer semester
- General electives as required to reach 120 semester hours. The department recommends completing FIN 2100 (Personal Finance) as a general elective, prior to the junior year.

Freshman Year - Fall

15 hrs
ENC 1101 Composition I 3 hrs
MAC 1105C College Algebra 3 hrs
ECO 2013 Principles of Macroeconomics 3 hrs
Cultural Foundation I 3 hrs
Elective 3 hrs

Freshman Year - Spring

15 hrs
ENC 1102 Composition II 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs
CGS 2100C Computer Fundamentals for Business 3 hrs
Social Foundation 3 hrs
Elective 3 hrs

Sophomore Year - Fall

15 hrs
ACG 2021 Principles of Financial Accounting 3 hrs
SPG 1608 Fundamentals of Oral Communication 3 hrs
Historical Foundation I 3 hrs
Science 3 hrs
Elective 3 hrs

Sophomore Year - Spring

15 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
ECO 3401 Quantitative Business Tools I 3 hrs
Historical Foundation II 3 hrs
Science 3 hrs
Elective 3 hrs

Junior Year - Fall

14 hrs
GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
GEB 3003 Career Research & Planning 1 hr
FIN 3403C Business Finance 3 hrs
MAR 3023 Marketing 3 hrs
GEB 3375 Introduction to International Business 3 hrs

Junior Year - Spring

16 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
FIN 3303 Financial Markets 3 hrs
FIN 3504 Investment Analysis 3 hrs
MAN 3025 Management of Organizations 3 hrs
GEB 3005 Career Search Strategy 1 hr
Elective 3 hrs

Senior Year - Fall

16 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
FIN 3414 Intermediate Corporate Finance 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr
FIN Restricted Elective 3 hrs
FIN Restricted Elective 3 hrs
FIN Elective 3 hrs

Senior Year - Spring

14 hrs
FIN 4453 Financial Models 3 hrs
MAN 4720 Strategic Management 4 hrs
FIN Elective 3 hrs
MAR 3203 Supply Chain and Operations Management 3 hrs
GEB 4004 Executing Your Career Plan 1 hr

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oeas.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: $25 per term
- Full-Time Student: $50 per term

Forensic Science - Analysis Track (B.S.)

College of Sciences

Department of Chemistry, Chemistry, Room: 306A
http://chemistry.cos.ucf.edu/

Email: chemstaff@ucf.edu

Dr. G. Mattson, gerald.mattson@ucf.edu
Phone: 407-823-1522

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry
- Co-op credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Students must complete categories 2 (Common Program Prerequisites) and 3 (Core Requirements: Basic Level) below and achieve a minimum 2.5 cumulative GPA in categories 2 and 3 prior to enrolling in the courses described in categories 4 and 5.
- Students must maintain a minimum 2.5 cumulative GPA in categories 4 and 5 to continue in the major.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (39 hrs)

- Note: Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36

A: Communication Foundations (9 hrs)

- Required SEP 1603C Fundamentals of Technical Presentations
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs

B: Cultural & Historical Foundations (9 hrs)

- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Required STA 2023 Statistical Methods I 3 hrs

C: Mathematical Foundations (7 hrs)

- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Required STA 2023 Statistical Methods I 3 hrs

D: Social Foundations (6 hrs)

- Required BSC 2010C Biology I 4 hrs
- Required PHY 2048C Physics for Engineers & Scientists I 4 hrs

E: Science Foundations (8 hrs)

- Required BSC 2010C Biology I 4 hrs
- Required PHY 2048C Physics for Engineers & Scientists I 4 hrs

2. Common Program Prerequisites (CPP) (16 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

BSC 2010C Biology I GEP

Select one of the following sequences of courses:

- CHM 2045C Chemistry Fundamentals I 4 hrs
- CHM 2040 Chemistry Fundamentals I and 3 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs

Take all of the following:

- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- MAC 2311C Calculus with Analytic Geometry I GEP
- MAC 2312C Calculus with Analytic Geometry II 4 hrs
- PHY 2048C Physics for Engineers & Scientists I GEP
- PHY 2049C Physics for Engineers & Scientists II 4 hrs

3. Core Requirements: Basic Level (18 hrs)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.
Basic Core: Required, satisfies the CPP
- CHM 2045C Chemistry Fundamentals I CPP
- or
- CHM 2040 Chemistry Fundamentals IA and
- CHM 2041 Chemistry Fundamentals IB CPP

- and
- CHM 2046 Chemistry Fundamentals II and
- CHM 2046L Chemistry Fundamentals Laboratory and
- BSC 2010C Biology I and
- MAC 2311C Calculus with Analytic Geometry I and
- MAC 2312 Calculus with Analytic Geometry II and
- PHY 2048C Physics for Engineers & Scientists I and
- PHY 2049C Physics for Engineers and Scientists II

Basic Core: Additional Requirements 18 hrs
- CHM 2210 Organic Chemistry I and 3 hrs
- CHM 2211 Organic Chemistry II and 3 hrs
- CHM 2211L Organic Laboratory Techniques I and 2 hrs
- CHM 3120 Analytical Chemistry and 3 hrs
- CHM 3120L Analytical Chemistry Laboratory and 1 hr
- PCB 3063 Genetics and 3 hrs
- PCB 3233 Immunology 3 hrs

4. Core Requirements: Advanced Level (34 hrs)
A. Forensic Science Core: 18 hrs
- CHS 3501 Introduction to Forensic Science 3 hrs
- CHS 3505C Forensic Microscopy 4 hrs
- CHS 3533 Forensic Biochemistry I 2 hrs
- CHS 3595 Forensic Science in the Courtroom 3 hrs
- CHS 4537 Forensic Laboratory Quality Assurance 2 hrs
- CHS 4591 Forensic Science Internship 4 hrs

B. Forensic Analysis Track: 16 hrs
- CHM 3422 Applied Physical Chemistry 3 hrs
- CHM 4130 Advanced Analytical Laboratory Technique 3 hrs
- CHM 4130L Advanced Analytical Chemistry Laboratory 2 hrs
- CHS 3511C Trace Evidence 4 hrs
- CHS 3530C Forensic Analysis of Controlled Substances 4 hrs

5. Restricted Electives (12 hrs)
Select from the following: 12 hrs
- Note: Substitutions require prior approval by the department.
  - ANT 4521 Forensic Anthropology 3 hrs
  - BCH 4053 Biochemistry I 3 hrs
  - CHM 3215L Organic Laboratory Techniques II 2 hrs
  - CHM 4912 Directed Independent Research 3 hrs
  - CHS 4506C Forensic Investigation Technology 3 hrs
  - CHS 4515C Forensic Crime Scene Investigation 4 hrs
  - PCB 3063L Genetics Laboratory 1 hr
  - PCB 3233L Immunology Laboratory 1 hr

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.
Graduation
- None

8. Electives
- Select primarily from upper level courses after consulting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Earn a grade of "C" (2.0) or better in each course used to satisfy categories 2, 3, 4, and 5 of the degree requirements.
- Achieve at least a minimum overall 2.5 GPA in all courses attempted to satisfy categories 2 and 3 of the departmental degree requirements.
- Achieve at least a minimum overall 2.5 GPA in all courses attempted to satisfy categories 4 and 5 of the departmental degree requirements.
- The last 30 credit hours of regularly scheduled courses that satisfy degree requirements must be taken in Residence at UCF.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 124
- Honors In Major
- None

Related Programs
- Chemistry
- Forensic Science - Biochemistry Track

Certificates
- Behavioral Forensics
- Crime Scene Investigation

Related Minors
- Chemistry

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- CHM 2045C: may use CHM X040 plus CHM X041.
- Calculus: Although other math courses may satisfy the CPP, the specified courses are required in the major and still must be taken.
- Physics: Although CPP requirements permit substitution by Organic Chemistry, all the specified courses are required for graduation and still must be taken.

Plan of Study
- Plan of Study includes numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Before registering for Chemistry, take Chemistry Placement Test ~ http://knightsource.sdes.ucf.edu/placement/
- Before registering for Math, take Math Placement Test ~ http://utc.sdes.ucf.edu
- Because of the rigorous nature of these classes, students should plan on utilizing summer terms. In addition, you may be required to complete 9 hours during the Summer. Consult with an advisor to determine if you are exempt.
- This plan assumes you need to begin with the two semester chemistry course and pre-calculus. Having to start at a lower math class will increase the hours needed to be taken.

Freshman Year - Fall 12 hrs
- CHM 2040 Chemistry Fundamentals IA 3 hrs
- CHS 3501 Introduction to Forensic Science 3 hrs
- MAC 1140C Pre-Calculus Algebra 3 hrs
- ENC 1101 Composition I 3 hrs

Freshman Year - Spring 14 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs
- BSC 2010C Biology I 4 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- ENC 1102 Composition II 3 hrs
Freshman Year - Summer 4 hrs
CHM 2046 Chemistry Fundamentals II 3 hrs
CHM 2048L Chemistry Fundamentals Laboratory 1 hr
Lab may be taken in a later term if seats are not available.

Sophomore Year - Fall 14 hrs
CHM 2210 Organic Chemistry I 3 hrs
PHY 2048C Physics for Engineers & Scientists I 4 hrs
STA 2023 Statistical Methods I 3 hrs
MAC 2312 Calculus with Analytic Geometry II 4 hrs

Sophomore Year - Spring 15 hrs
CHM 2211 Organic Chemistry II 3 hrs
CHM 2211L Organic Laboratory Techniques I 2 hrs
PHY 2049C Physics for Engineers and Scientists II 4 hrs
Restricted Elective 3 hrs
GEP 3 hrs

Junior Year - Fall 15 hrs
CHS 3505C Forensic Microscopy 4 hrs
CHM 3120 Analytical Chemistry 3 hrs
CHM 3120L Analytical Chemistry Laboratory 1 hr
PCB 3233 Immunology 3 hrs
Restricted Elective 1 hr
GEP 3 hrs

Junior Year - Spring 13 hrs
CHS 3511C Trace Evidence 4 hrs
CHS 4537 Forensic Laboratory Quality Assurance 2 hrs
CHS 3595 Forensic Science in the Courtroom 3 hrs
PCB 3083 Genetics 3 hrs

Junior Year - Summer 7 hrs
1 CHS 4506C Forensic Investigation Technology 3 hrs
2 CHS 4515C Forensic Crime Scene Investigation 4 hrs

Senior Year - Fall 13 hrs
CHS 3530C Forensic Analysis of Controlled Substances 4 hrs
CHS 3533 Forensic Biochemistry I 2 hrs
CHM 3422 Applied Physical Chemistry 3 hrs
GEP 3 hrs
Restricted Elective 1 hr

Senior Year - Spring 14 hrs
CHM 4130 Advanced Analytical Laboratory Technique 3 hrs
CHM 4130L Advanced Analytical Chemistry Laboratory 2 hrs
SPC 1603C Fundamentals of Technical Presentations 3 hrs
GEP 3 hrs
GEP 3 hrs

Senior Year - Summer 4 hrs
CHS 4591 Forensic Science Internship 4 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Forensic Science - Biochemistry Track (B.S.)
College of Sciences
Department of Chemistry, Chemistry, Room: 306A
http://chemistry.cos.ucf.edu/
Email: chemstaff@ucf.edu
Dr. G. Mattson, gerald.mattson@ucf.edu
Phone: 407-823-1522

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry.

- Co-op credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Students must complete categories 2 (Common Program Prerequisites) and 3 (Core Requirements: Basic Level) below and achieve a minimum 2.5 cumulative GPA in categories 2 and 3 prior to enrolling in the courses described in categories 4 and 5.
- Students must maintain a minimum 2.5 cumulative GPA in categories 4 and 5 to continue in the major.
- Individual course prerequisites for enrollment in courses within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
1. UCF General Education Program (GEP) (39 hrs)
- Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36.

A: Communication Foundations (9 hrs)
Prefer SPC 1603C Fundamentals of Technical Presentations
Required ENC 1101 Composition I 3 hrs
Required ENC 1102 Composition II 3 hrs

B: Cultural & Historical Foundations (9 hrs)
Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
Required STA 2023 Statistical Methods I 3 hrs

C: Mathematical Foundations (7 hrs)
Required MAC 2311C Calculus with Analytic Geometry I 4 hrs

D: Social Foundations (6 hrs)
Required BSC 2010C Biology I 4 hrs
Required PHY 2048C Physics for Engineers & Scientists I 4 hrs

E: Science Foundations (8 hrs)
Required BSC 2010C Biology I 4 hrs
Required PHY 2048C Physics for Engineers & Scientists I 4 hrs

2. Common Program Prerequisites (CPP) (16 hrs)
- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

BSC 2010C Biology I 4 hrs

Select one of the following sequences of courses:
CHM 2045C Chemistry Fundamentals I 4 hrs
or
CHM 2040 Chemistry Fundamentals IA and 3 hrs
CHM 2041 Chemistry Fundamentals IB 3 hrs

Take all of the following:
CHM 2046 Chemistry Fundamentals II 3 hrs
CHM 2046L Chemistry Fundamentals Laboratory 1 hr
MAC 2311C Calculus with Analytic Geometry I GEP
MAC 2312 Calculus with Analytic Geometry II 4 hrs
PHY 2048C Physics for Engineers & Scientists I GEP
PHY 2049C Physics for Engineers and Scientists II 4 hrs

3. Core Requirements: Basic Level (20 hrs)
- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP
CHM 2045C Chemistry Fundamentals I GEP/CPP

- or
CHM 2040 Chemistry Fundamentals IA and CPP
CHM 2041 Chemistry Fundamentals IB CPP

- and
CHM 2046 Chemistry Fundamentals II and CPP
CHM 2046L Chemistry Fundamentals Laboratory and CPP
BSC 2010C Biology I and GEP/CPP
MAC 2311C Calculus with Analytic Geometry I and GEP/CPP
MAC 2312 Calculus with Analytic Geometry II and CPP
PHY 2048C Physics for Engineers & Scientists I and CPP
PHY 2049C Physics for Engineers and Scientists II and CPP

Basic Core: Additional Requirements 20 hrs
CHM 2210 Organic Chemistry I and 3 hrs
CHM 2211 Organic Chemistry II and 3 hrs
CHM 2211L Organic Laboratory Techniques I and 2 hrs
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 3120</td>
<td>Analytical Chemistry and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 3120L</td>
<td>Analytical Chemistry Laboratory and</td>
<td>1 hr</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Statistical Methods I and</td>
<td>GEP</td>
</tr>
<tr>
<td>PCB 3063</td>
<td>Genetics and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3063L</td>
<td>Genetics Laboratory and</td>
<td>1 hr</td>
</tr>
<tr>
<td>PCB 3233</td>
<td>Immunology and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3233L</td>
<td>Immunology Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

4. Core Requirements: Advanced Level (45 hrs)

A. Forensic Science Core 18 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 3501</td>
<td>Introduction to Forensic Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHS 3505C</td>
<td>Forensic Microscopy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHS 3533</td>
<td>Forensic Biochemistry I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHS 3595</td>
<td>Forensic Science in the Courtroom</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHS 4537</td>
<td>Forensic Laboratory Quality Assurance</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHS 4591</td>
<td>Forensic Science Internship</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

B. Forensic Biochemistry Track: 27 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4053</td>
<td>Biochemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4054</td>
<td>Biochemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4103L</td>
<td>Biochemical Methods</td>
<td>2 hrs</td>
</tr>
<tr>
<td>BSC 3403C</td>
<td>Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHS 4534C</td>
<td>Forensic Biochemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHS 3533L</td>
<td>Forensic Biochemistry I Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>PCB 3522</td>
<td>Molecular Biology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4524</td>
<td>Molecular Biology II</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

5. Restricted Electives (3 hrs)

Any course approved by the Forensic Program advisor. 3 hrs

6. Capstone Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions</td>
<td>Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.</td>
</tr>
<tr>
<td>Graduation</td>
<td>None</td>
</tr>
</tbody>
</table>

7. Foreign Language Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions</td>
<td>None</td>
</tr>
<tr>
<td>Graduation</td>
<td>None</td>
</tr>
</tbody>
</table>

11. Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each course used to satisfy categories 2, 3, 4, and 5 of the departmental degree requirements.
- Achieve at least a minimum overall 2.5 GPA in all courses attempted to satisfy categories 2, 3, 4, and 5 of the departmental degree requirements.
- The last 30 credit hours of regularly scheduled courses that satisfy degree requirements must be taken in Residence at UCF.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 124

Honors In Major None

Related Programs Chemistry

Forensic Science - Analysis Track

Biomedical Sciences

Certificates None

Related Minors Chemistry

Biomedical Sciences

Advising Notes None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- CHM 2045C: may use CHM X040 plus CHM X041.
- Calculus: Although other math classes satisfy the CPP, the specified courses are required in the major and still must be taken.
- Physics: Although CPP requirements permit substitution by Organic Chemistry, all the specified courses are required for graduation and still must be taken.

Plan of Study

- One of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.

- Before registering for Chemistry, take Chemistry Placement Test ~ http://knightsource.sdes.ucf.edu/placement/
- Before registering for Math, take Math Placement Test ~ http://utc.sdes.ucf.edu

- This plan assumes you need to begin with the two semester chemistry course and pre-calculus. Having to start at a lower math class will increase the hours needed to be taken.

Freshman Year - Fall 16 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2040</td>
<td>Chemistry Fundamentals IA</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHS 3501</td>
<td>Introduction to Forensic Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 1140C</td>
<td>Pre-Calculus Algebra</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Freshman Year - Spring 16 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 3501</td>
<td>Introduction to Forensic Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2041</td>
<td>Chemistry Fundamentals IB</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry</td>
<td>4 hrs</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Statistical Methods I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Freshman Year - Summer 4 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2046</td>
<td>Chemistry Fundamentals II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

Sophomore Year - Fall 14 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>Physics for Engineers &amp; Scientists I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>SPC 1603C</td>
<td>Fundamentals of Technical Presentations</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Sophomore Year - Spring 13 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>Organic Laboratory Techniques I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>PCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Sophomore Year - Summer 4 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2049C</td>
<td>Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Fall 14 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS 3505C</td>
<td>Forensic Microscopy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 3233</td>
<td>Immunology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3233L</td>
<td>Immunology Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
UCF Degree Programs

Junior Year - Spring 14 hrs
- CHS 3595 Forensic Science in the Courtroom 3 hrs
- CHS 4537 Forensic Laboratory Qualification Assurance 2 hrs
- CHM 3120 Analytical Chemistry 3 hrs
- CHM 3120L Analytical Chemistry Laboratory 1 hr
- PCB 3063 Genetics 3 hrs
- PCB 3063L Genetics Laboratory 1 hr

Senior Year - Fall 16 hrs
- CHS 3533 Forensic Biochemistry I 2 hrs
- CHS 3533L Forensic Biochemistry I Laboratory 1 hr
- BCH 4053 Biochemistry I 3 hrs
- PCB 3522 Molecular Biology I 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs
- GEP 3 hrs

Senior Year - Spring 14 hrs
- CHS 4534C Forensic Biochemistry II 3 hrs
- BCH 4054 Biochemistry II 3 hrs
- BCH 4103L Biochemical Methods 2 hrs
- PCB 4524 Molecular Biology II 3 hrs
- Restricted Elective 3 hrs

Senior Year - Summer 4 hrs
- CHS 4591 Forensic Science Internship 4 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://mll.cah.ucf.edu/aic/academic_learning_compacts.htm](http://mll.cah.ucf.edu/aic/academic_learning_compacts.htm)

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

French (B.A.)

College of Arts and Humanities
Department of Modern Languages and Literatures,
Colbourn Hall, Room: 523

Placement in Modern Language courses is based on one year of high school language being equivalent to one semester of college work. For example, four years of high school French may place the student in the first semester of the third year. Native speakers, or students who have received advanced education in French-speaking societies, may not take lower division French courses. They must also substitute other upper division level courses for FRE 3420, FRE 3760, and FRE 4421.

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- 36 credits in French must be taken at the 3000 level or above.
- At least six of the 36 French credits must be at the 4000 level.
- At least 30 hours must be taken in Modern Language courses taught in French.
- Earn at least a “C” (2.0) in each upper division French course.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Modern Languages and Literatures.
- Language credit by exam will not be given in courses lower in level than those in which students are presently enrolled. Native speakers will be allowed Credit by Examination in literature courses only.
- Co-op or internship credit cannot be used in this major.
- Students must see their advisor to obtain proper counseling and have their schedule approved before registering for courses in their major.
- Courses designated in 1 (Gen Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   - A: Communication Foundations (9 hrs)
   - B: Cultural & Historical Foundations (9 hrs)
   - C: Mathematical Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (14 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
     - 1 FRE 1120C Elementary French Language and Civilization I 4 hrs
     - 1 FRE 1121C Intermediate French Language and Civilization II 4 hrs
     - 1 FRE 2200 Intermediate French Language and Civilization I 3 hrs
     - 1 FRE 2201 Intermediate French Language and Civilization II 3 hrs

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level (21 hrs)
   - FRW 3100 Survey of French Literature I 3 hrs
   - 1 FRE 3300 French Grammar 3 hrs
   - 1 FRE 3420 French Composition 3 hrs
   - 1 FRE 3760 Advanced French Oral Communication 3 hrs
   - 1 FRE 3780 French Phonetics and Diction 3 hrs

   Select 1: 3 hrs
     - 1 FRE 4421 Advanced French Conversation or 3 hrs
     - FRE 4422 Advanced French Composition 3 hrs

   Select 1: 3 hrs
     - FRW 3101 Survey of French Literature II or 3 hrs
     - FRW 3770 Francophone Literature 3 hrs

   A: Native or near-native French speaker must substitute alternate upper division French courses in consultation with a departmental advisor.

5. Restricted Electives (15 hrs)
   - French literature beyond the survey level (taught in French) 6 hrs
   - French courses 9 hrs

6. Capstone Requirements
   - None

7. Foreign Language Requirements

Admissions
   - Met by graduation requirements.

Graduation
   - Met by Common Program Prerequisites

Electives
   - Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
   - None

10. Required Minors
    - None

11. Departmental Exit Requirements
    - Earn a grade of “C” (2.0) or higher in at least 36 hours of upper division French courses
    - Students are required to satisfactorily complete a departmental exit exam
Sophomore Year - Spring 12 hrs
Select 1: 3 hrs

Sophomore Year - Summer 6 hrs
Study Abroad 6 hrs

Junior Year - Fall 12 hrs
FRW 3100 Survey of French Literature I 3 hrs
FRE 4421 Advanced French Composition 3 hrs
FRE 3300 French Grammar 3 hrs
Restricted Elective 3 hrs

Junior Year - Spring 15 hrs
FRE 3780 Advanced French Oral Communication 3 hrs
FRE 4422 Advanced French Composition 3 hrs
FRE 3780 French Phonetics and Diction 3 hrs
Select 1: 3 hrs
FRW 3101 Survey of French Literature II or 3 hrs
FRW 3770 Francophone Literature 3 hrs
Restricted Elective 3 hrs

Senior Year - Fall 12 hrs
FRE 3420 French Composition 3 hrs
FRE 3440 Business French I 3 hrs
Select 1: 3 hrs
FRW 4552 Nineteenth Century French Literature or 3 hrs
FRW 3370 Short Stories of 18th, 19th and 20th 3 hrs
Centuries
Restricted Elective 3 hrs

Senior Year - Spring 12 hrs
FRW 3740 The French Literature of Canada 3 hrs
FRT 4552 Structural Analysis of Beckett's Watt 3 hrs
FRE 3441 Business French II 3 hrs
Restricted Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oeas.ucf.edu/alc/academic_learning_comacts.htm

General Business (B.S.B.A.)
College of Business Administration
Department of Management,
Business Administration II, Room: 101
http://www.bus.ucf.edu/
Email: uss@bus.ucf.edu
Phone: 407-823-2184

Not eligible for a double degree with another College of Business Administration major.

Admission Requirements
- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.
- See Common Program Prerequisites

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Only grades of "C" (2.0) or higher transfer into the program and students must have a "C" (2.0) or better in each common program prerequisites class.
- Students wanting to major in General Business must apply for admission to the major.
- Final exams will be given during Exam Week.
- Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- Students must have at least a 2.0 GPA in the major and COB.
- Students majoring in General Business must earn a grade of "C" (2.0) or better in each course applied towards the major, and a 2.0 overall average in the major.
1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
      Preferred SPC 1608 Fundamentals of Oral Communication
   B: Cultural & Historical Foundations (9 hrs)
      Required CGS 2100C Computer Fundamentals for Business
      Required MAC 1105C College Algebra
   C: Mathematical Foundations (6 hrs)
      Required ECO 2013 Principles of Macroeconomics
   D: Social Foundations (6 hrs)
      Required ECO 2023 Principles of Microeconomics
   2. Common Program Prerequisites (CPP) (18 hrs)
      ■ Must be completed with a “C” (2.0) or better.
      ACG 2021 Principles of Financial Accounting
      ACG 2071 Principles of Managerial Accounting
      CGS 2100C Computer Fundamentals for Business
      ECO 2013 Principles of Macroeconomics
      ECO 2023 Principles of Microeconomics
   Select one of the following sequences of courses:
      ■ Students must receive a “C” (2.0) in both MAC 2233 and STA 2023 to be waived from ECO 3401.
      ECO 3401 Quantitative Business Tools I
      or
      MAC 2233 Concepts of Calculus and
      STA 2023 Statistical Methods I
   3. Core Requirements: Basic Level
      ■ None
   4. Core Requirements: Advanced Level (29 hrs)
      First or subsequent semester in the College of Business Administration
      1. Required in 1st or 2nd semester
      2. Must be taken with GEB 3031
      3. Suggested
      4. Suggested
      5. Required
   5. Restricted Electives (12 hrs)
      Restricted electives are to be taken from two different departments and from the courses listed below. At least two of the restricted electives must be at the 4000 level.
   6. Electives
      General electives as required to reach 120 semester hours.
   7. Foreign Language Requirements
      None
   8. Additional Requirements
      Students desiring to complete the General Business major as a second major within the College of Business Administration must complete 24 hours in the second major beyond the courses required for the General Business major.
      Students in the General Business major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000 level or higher Business courses taken at UCF. Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on lack of progress in the major. Lack of Progress in the major will continue until such time as the student’s cumulative GPA in all Business courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Business courses in a subsequent term, that student will be dropped as a General Business major. A student who is dropped may seek readmittance as a General Business major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a Business GPA of 2.0 or higher. Readmission is not automatic.

---

1. United States
2. University of Central Florida
4. Page 214
5. "UCF Degree Programs"
<table>
<thead>
<tr>
<th></th>
<th>Sophomore Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting</td>
</tr>
<tr>
<td></td>
<td>ECO 3401</td>
<td>Quantitative Business Tools I</td>
</tr>
<tr>
<td></td>
<td>Historical Foundation II</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Junior Year - Fall</td>
<td>14 hrs</td>
</tr>
<tr>
<td></td>
<td>GEB 3031L</td>
<td>Cornerstone Lab: Professional Skills for Business</td>
</tr>
<tr>
<td></td>
<td>GEB 3005</td>
<td>Career Search Strategy</td>
</tr>
<tr>
<td></td>
<td>BUL 3130</td>
<td>Legal and Ethical Environment of Business</td>
</tr>
<tr>
<td></td>
<td>MAR 3003</td>
<td>Consumer Behavior</td>
</tr>
<tr>
<td></td>
<td>GEB Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Fine Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Senior Year - Fall</td>
<td>16 hrs</td>
</tr>
<tr>
<td></td>
<td>GEB 3375</td>
<td>Introduction to International Business</td>
</tr>
<tr>
<td></td>
<td>GEB 4223</td>
<td>Business Interviewing Techniques</td>
</tr>
<tr>
<td></td>
<td>MAR 3203</td>
<td>Supply Chain and Operations Management</td>
</tr>
<tr>
<td></td>
<td>FIN 3533</td>
<td>Financial Markets</td>
</tr>
<tr>
<td></td>
<td>MAN 3301</td>
<td>Management of Human Resources</td>
</tr>
<tr>
<td></td>
<td>GEB Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Senior Year - Spring</td>
<td>14 hrs</td>
</tr>
<tr>
<td></td>
<td>ECP 4703</td>
<td>Managerial Economics</td>
</tr>
<tr>
<td></td>
<td>MAN 4720</td>
<td>Strategic Management</td>
</tr>
<tr>
<td></td>
<td>GEB 4004</td>
<td>Executing Your Career Plan</td>
</tr>
<tr>
<td></td>
<td>GEB Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>GEB Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees
- Part-Time Student: $15 per term
- Full-Time Student: $30 per term

### Health Informatics and Information Management (B.S.)

**College of Health and Public Affairs**
**Department of Health Management and Informatics, Health and Public Affairs II, Room: 210**
[http://www.cohpa.ucf.edu/hmi/bshim.cfm](http://www.cohpa.ucf.edu/hmi/bshim.cfm)

**Dr. Alice M. Noblin, alice.noblin@ucf.edu**
**Phone: 407-823-2353**

### Admission Requirements
- Separate application to the limited access program must be made directly to the program prior to March 1 for fall admission of the year admission is sought or October 1 for the following year spring admission.
- UCF application must also be submitted by the program deadline of March 1st for fall and October 1st for spring.
- Acceptance to UCF is necessary before acceptance to the program can occur.
- This limited access program is work-intensive and courses include clinical practice in a variety of settings. Due to this it is strongly recommended that students be at least one year post high school prior to applying to the program.
- Students with concerns or questions should contact the program to schedule an appointment with an advisor.
- Student must complete all general education, foreign language admissions, and program prerequisites prior to the start of the program.
UCF Degree Programs

- All applicants must have a minimum overall GPA of 2.5 and complete all program prerequisite courses with at least a grade of “C” (2.0).
- Acceptance to the university does not necessarily constitute admission to the upper division Health Informatics and Information Management program.

Degree Requirements
- Students who are pending Health Informatics and Information Management and are admitted to the program must adopt the most current catalog.
- Students should complete the General Education Program, Foreign Language Admissions and the Common Program Prerequisites Requirements before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should be completed in the first 60 hours.
- A minimum overall GPA of 2.5 and a minimum grade of “C” (2.0) in prerequisite and major courses is required for admission to, continuation in, and graduation from the Health Informatics and Information Management Program.
- UCF Residency Requirement: 30 hours

1. UCF General Education Program (GEP) (37 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   Suggested MAC 1105C College Algebra 3 hrs
   Suggested STA 2014C Principles of Statistics 3 hrs
   D: Social Foundations (6 hrs)
   E: Science Foundations (7 hrs)
   Suggested BSC 2010C Biology I 4 hrs
   Suggested CHM 1032 General Chemistry 3 hrs

2. Common Program Prerequisites (CPP) (17 hrs)
   See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

1 ZOO Human Anatomy 4 hrs
   3733C Human Physiology 4 hrs
   STA 2014C Principles of Statistics 3 hrs
   Suggested STA 2014C Principles of Statistics 3 hrs
   2100C Computer Fundamentals for Business 3 hrs
   ACG 2071 Principles of Managerial Accounting 3 hrs
   ACG 2021 Principles of Financial Accounting 3 hrs

1 See Transfer Notes

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level (66 hrs)
   HSC 3147 Introduction to Pharmacology 3 hrs
   HSA 3170 Health Care Finance 3 hrs
   HSA 4109 Principles of Managed Care 3 hrs
   HSA 4191 Health Care Automation 3 hrs
   HSA 4702 Health Sciences Research Methods 3 hrs
   HSC 3537 Medical Terminology 3 hrs
   HSC 4555 Pathophysiology I 3 hrs
   HSC 4558 Pathophysiology II 3 hrs
   HIM 3006 Foundations of Health Information Management 3 hrs
   HIM 3116C Health Record Organization and Management 4 hrs
   HIM 3806C Professional Practice Experience I 3 hrs
   HIM 4816C Professional Practice Experience II 3 hrs
   HIM 4226C Coding Procedures I 5 hrs
   HIM 4256C Coding Procedures II 3 hrs
   HIM 4670 Professional Development and Issues in Health Information Management 3 hrs
   HIM 4344C Health Information Department Management 4 hrs
   HIM 4508C Quality Management 3 hrs
   HIM 4658C Health Information Management Systems 3 hrs
   HIM 4638A Management Affiliation 5 hrs

Select 1:
HSA 4180 Organization & Management for Health Agencies I or
MAN 3025 Management of Organizations 3 hrs

5. Restricted Electives
   - None

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   Admissions
   - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
   - None

8. Electives
   - None

9. Additional Requirements
   - None

10. Required Minors
    - None

11. Departmental Exit Requirements
    - A minimum 2.5 overall GPA is required for graduation.
    - Upon completion of the approved program, the student is eligible to submit an application for writing the national registration examination administered by the American Health Information Management Association to qualify as a Registered Health Information Administrator.

12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be completed in residency at UCF
    - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Health Services Administration
- Business Administration
- Computer Science

Certificates
- None

Related Minors
- Health Services Administration
- Business
- Computer Science

Advising Notes
- None

Transfer Notes
- Florida College System Equivalents:
  - Human Anatomy & Physiology I & II (BSC X085 and X086)
  - Financial Accounting (ACG 2071)
  - Managerial Accounting (ACG 2071)
  - Statistics (STA 2014C or any other statistics course)
  - Computer Science for Business (CGS 2100C)

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- CHM 1032 General Chemistry 3 hrs
- HSC 2000 Introduction to the Allied Health Professions 2 hrs
- MAC 1105C College Algebra 3 hrs
University of Central Florida

UCF Degree Programs

Health Sciences - Pre-Clinical Track (B.S.)

The Bachelor of Science degree in Health Sciences Pre-Clinical Track is designed for students with interest in human health leading to graduate study or career advancement. This degree is designed to provide the students with a solid educational background in basic and health-related sciences, while providing the foundation courses required for admission to graduate level clinical programs in health professions including but not limited to medicine, pharmacy, physical therapy, physician assistant, and occupational therapy. The flexibility of this program allows students to prepare for multiple careers in health sciences. Students in this major are required to have an overall GPA of 2.5 or better upon graduation. Although a minimum overall GPA of 2.5 is needed for the program, students should plan to maintain a higher GPA to be competitive for graduate programs in health professions. Most graduate programs such as medicine, physical therapy and physician assistant, require a GPA of at least 3.0.

Admission Requirements

- None

Degree Requirements

- Students who change to Health Sciences Pre-Clinical Track must adopt the most current catalog.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- A minimum grade of "C" (2.0) in each program prerequisite course, in each core requirement course, and in each restricted elective is required (see sections 2 through 5 below). Students should note that graduate programs may require a higher level of performance for admission.
- Students must achieve at least 2.5 overall GPA for graduation.
- No transfer course will be accepted with a grade lower than a "C-".

1. UCF General Education Program (GEP) (38 hrs)

A: Communication Foundations (9 hrs)
Suggested SPC 1608 Fundamentals of Oral Communication 

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (6 hrs)
1 Required MAC 1105C College Algebra 
3 hrs
Required STA 2023 Statistical Methods I 3 hrs

D: Social Foundations (6 hrs)

1 Students must earn appropriate score on placement exam prior to enrolling in these classes.
### UCF Degree Programs

#### 2. Common Program Prerequisites (CPP)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 114C</td>
<td>College Trigonometry</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 2010C</td>
<td>Biology</td>
<td>GEP</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>GEP</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Statistical Methods I</td>
<td>GEP</td>
</tr>
</tbody>
</table>

#### 3. Core Requirements: Basic Level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2046</td>
<td>Chemistry Fundamentals II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>DEF 2004C</td>
<td>Developmental Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUN 2201</td>
<td>Fundamentals of Human Nutrition</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 2053C</td>
<td>College Physics I</td>
<td>GEP</td>
</tr>
<tr>
<td>PHY 2054C</td>
<td>College Physics II</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

#### 4. Core Requirements: Advanced Level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 3147</td>
<td>Introduction to Pharmacology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 3211</td>
<td>Preventive Health Care</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4555</td>
<td>Pathophysiology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4652</td>
<td>Health Law and Ethics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4598</td>
<td>Pathophysiology II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4501</td>
<td>Epidemiology of Chronic Diseases</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 3733C</td>
<td>Human Anatomy</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

#### 5. Restricted Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4053</td>
<td>Biochemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 2011C</td>
<td>Biology II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>Organic Laboratory Techniques I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>HSA 3111</td>
<td>U.S. Health Care Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 3110</td>
<td>Medical Self Assessment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 3537</td>
<td>Medical Terminology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 3559</td>
<td>Disabilities in American Society</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 3593</td>
<td>HIV Disease: A Human Concern</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 3452</td>
<td>Occupational Safety for the Health Care</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4008</td>
<td>Professional Development in Health Professions</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4564</td>
<td>Health Care Needs of the Elderly</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4572</td>
<td>Clinical Nutrition</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4730</td>
<td>Applied Health Research Methodology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>MCB 4503C</td>
<td>Virology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3063</td>
<td>Genetics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 6. Capstone Requirements

- None

#### 7. Foreign Language Requirements

- Admissions
  - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

- Graduation
  - None

#### 8. Electives

- For freshman and sophomore students. The upper level HSC 4008 (3hrs) can be used as a substitution as needed during the junior or senior years.

#### 9. Additional Requirements

- None

#### 10. Required Minors

- None

#### 11. Departmental Exit Requirements

- Students must achieve at least 2.5 overall GPA for graduation.

- Students must take a minimum of 30 hours of upper-division Health Sciences Pre-Clinical courses from the UCF Health Sciences Pre-Clinical program to obtain the UCF degree in Health Sciences Pre-Clinical Track.

#### 12. University Minimum Exit Requirements

- A 2.0 UCF GPA

- 60 semester hours earned after CLEP awarded

- 48 semester hours of upper division credit completed

- 30 of the last 39 hours of course work must be completed in residency at UCF.

- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

#### Total Semester Hours Required

- 120

- Honors In Major
  - Interested students should consult with a faculty advisor

- Related Programs
  - Biology
  - Molecular Biology and Microbiology
  - Athletic Training
  - Sports and Fitness

- Certificates
  - None

- Related Minors
  - Biology
  - Business
  - Chemistry
  - Education
Advising Notes
- Students should consult with a college advisor each semester.
- Students should consult a pre-professional advisor before making application to a graduate program.
- Students are required to have a personal interview with an advisor at the Undergraduate Student Services after filing Intent to Graduate form online.

Transfer Notes
- Completion of an Associate of Arts degree from a Florida College System institution is strongly recommended.
- Students who begin a two-semester sequence course (e.g. General Chemistry, College Physics) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Students who take Anatomy and Physiology at a Florida College System institution may be required to complete additional upper division credits in order to meet University graduation requirement of 48 credit hours of upper division (3000-4000) level credits.

Acceptable Substitutes for Transfer Courses
- Biology I (BSC 2010C) can be substituted by Biology I with Lab (BSC 1010 and BSC 1010L).
- Biology II (BSC 2011C) can be substituted by Biology II with Lab (BSC 1011 and BSC 1011L).
- Chemistry Fundamentals I (CHM 2045C) can be substituted by CHM 1045 and Lab.
- Chemistry Fundamentals II (CHM 2046) and Chemistry Fundamentals Lab (CHM 2046L) can be substituted by CHM 1046 and Lab.
- College Physics I (PHY 2053C) can be substituted by PHY 1053 and Lab.
- College Physics II (PHY 2054C) can be substituted by PHY 1054 and Lab.
- Human Anatomy (ZOO 3733C) and Human Physiology (PCB 3703C) can be substituted by Human Anatomy and Physiology I & II (BSC X093 and X094 or BSC X085 and X086).
- Please note that these acceptable transfer courses do not fulfill the 48 hour upper division (3000-4000) credit required by UCF for graduation.
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Plan of Study

Freshman Year - Fall
- BSC 2010C Biology I 4 hrs
- MAC 1105C College Algebra 3 hrs
- ENC 1101 Composition I 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- HSC 2000 Introduction to the Allied Health 2 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- PSY 2012 General Psychology 3 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- STA 2023 Statistical Methods I 3 hrs

Select 1:
- MUL 2010 Enjoyment of Music or 3 hrs
- REL 2300 World Religions or 3 hrs
- THE 2000 Theatre Survey or 3 hrs
- Phil 2010 Introduction to Philosophy 3 hrs

Sophomore Year - Fall
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- DEP 2004C Developmental Psychology 3 hrs
- ZOO 3733C Human Anatomy 4 hrs

Select 1:
- EUH 2000 Western Civilization I or 3 hrs
- AMH 2100 U.S. History: 1492-1877 or 3 hrs
- HUM 2210 Humanistic Tradition I 3 hrs

Sophomore Year - Spring
- PCB 3703C Human Physiology 4 hrs
- HUN 2201 Fundamentals of Human Nutrition 3 hrs
- HSC 3147 Introduction to Pharmacology 3 hrs
- MAC 1114C College Trigonometry 3 hrs

Select 1:
- EUH 2001 Western Civilization II or 3 hrs
- HUM 2230 Humanistic Tradition II or 3 hrs
- AMH 2200 U.S. History: 1877-Present 3 hrs

Junior Year - Fall
- PHY 2053C College Physics I 4 hrs
- HSC 4555 Pathophysiology I 3 hrs
- HSC 3211 Preventive Health Care 3 hrs
- HSC 4652 Health Law and Ethics 3 hrs

Junior Year - Spring
- PHY 2054C College Physics II 4 hrs
- HSC 4558 Pathophysiology II 3 hrs
- HSC 4501 Epidemiology of Chronic Diseases 3 hrs
- Restricted Elective 3 hrs

Select 1
- HSC 4730 Applied Health Research Methodology or 3 hrs
- HSA 4702 Health Sciences Research Methods 3 hrs

Senior Year - Fall
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Spring
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Health Services Administration (B.S.)
Department of Health Management and Informatics,
Health and Public Affairs II, Room: 210
http://www.cohpa.ucf.edu/hmi/
Email: hsa info@ucf.edu

Philip Wessel, MHA, Undergraduate Program Director,
hsainfo@ucf.edu, 407-823-5380
Phone: 407-823-2359

This program is currently available online and in the classroom. Students who choose to take online courses are urged to complete either CGS 2100C or CGS 1060C prior to enrolling in online-based courses. After enrolling in online courses, students should visit http://learn.ucf.edu. Students must complete all University-wide graduation requirements (general education, foreign language, Gordon Rule, etc.), some of which are rarely online. Prerequisite courses are rarely offered online. For more information, see http://distrib.ucf.edu/home.

Admission Requirements
- None
UCF Degree Programs

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor prior to first semester of enrollment.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- UCF Residency Requirement: 30 hours.
- HSA Residency Requirement: Students must complete at least 45 credit hours of the core requirements at UCF in the department of Health Management and Informatics.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Suggested: SPC 1608 Fundamentals of Oral Communication

B: Cultural & Historical Foundations (9 hrs)
- Suggested: MAC 1105C College Algebra

C: Mathematical Foundations (6 hrs)
- Suggested: ECO 2023 Principles of Microeconomics

Select 1: 3 hrs
- Suggested: CGS 1060C Introduction to Computers
- Suggested: CGS 2100C Computer Fundamentals for Business

D: Social Foundations (6 hrs)
- Suggested: ECO 2023 Principles of Microeconomics

Select 1: 3 hrs
- Suggested: PSY 2012 General Psychology
- Suggested: SYG 2000 Introduction to Sociology

E: Science Foundations (6 hrs)
- Suggested: ECO 2023 Principles of Microeconomics

Select 1: 3 hrs
- Suggested: MAC 1105C College Algebra

2. Common Program Prerequisites (CPP) (9 hrs)
- Students must earn a “C” (2.0) or better in each Common Program Prerequisite.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

ECO 2023 Principles of Microeconomics
AGC 2071 Principles of Managerial Accounting
ACG 2021 Principles of Financial Accounting
STA 2023 Statistical Methods I

Select 1: 3 hrs
- Suggested: MAC 1105C College Algebra
- Suggested: ECO 2023 Principles of Microeconomics

3. Core Requirements: Basic Level
- None.

4. Core Requirements: Advanced Level (48 hrs)
- Students must earn a “C” (2.0) or better in each Core Requirement.

HSA 3111 U.S. Health Care Systems
HSA 3170 Health Care Finance
HSA 3222 Long Term Care and Administration
HSA 3430 Health Care Economics
HSA 4109 Principles of Managed Care
HSC 4201 Community Health
HSA 4180 Organization & Management for Health Agencies I
HIM 4508C Quality Management
HSA 4702 Health Sciences Research Methods
HSC 3537 Medical Terminology
HSC 4500 Epidemiology
HSC 4564 Health Care Needs of the Elderly
HSC 4652 Health Law and Ethics
HSA 4184 Organization & Management for Health Agencies II
HSA 4191 Health Care Automation
HSA 4850 Health Services Administration Internship

5. Restricted Electives
- None.

6. Capstone Requirements (3 hrs)
- HSA 4939 Health Services Administration Capstone

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- Students who transfer with an AA degree from a Florida College System institution and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

8. Electives
- Students are encouraged to select with their advisor additional Health Service Administration courses as electives or other courses that will enhance their background in the health care industry. These may be used to build minors and certificates offered by the University. Examples include: Health Informatics and Information Management, Health Sciences, Aging Studies, Public Administration, and Business.

9. Additional Requirements
- As a requirement for the Bachelor of Science in Health Services Administration major, students must complete an internship within the administrative realm of an actual health care organization. Many health care organizations will require that students complete a background check, which may include, but not be limited to, law enforcement finger printing, state driving records, credit reports, and criminal records check. The cost of the background check is the student’s responsibility. Background checks may take time to complete and, subsequently, could delay the student’s internship placement. It is advised that, in the semester prior to the internship, the student contact the organization directly to obtain further information on the organization’s background check requirements. Students who have potential background issues must contact the Director of Internships to schedule an interview in order to discuss the impact on field placement. The Health Services Administration Program cannot guarantee internship placement or subsequent degree completion for students who do not pass background checks.

10. Required Minors
- None.

11. Departmental Exit Requirements
- Students must earn a “C” (2.0) or better in each Health Services Administration course.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA.
- 60 semester hours earned after CLEP awarded.
- 48 semester hours of upper division credit completed.
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students should consult with a faculty advisor.

Related Programs
- Public Administration
- Health Informatics and Information Management
- Aging Studies

Certificates
- Health Informatics and Information Management

Related Minors
- Aging Studies
### Plan of Study

#### Freshman Year - Fall
- ENC 1101: Composition I (3 hrs)
- HSC 2000: Introduction to the Allied Health Professions (2 hrs)
- MAC 1105C: College Algebra (3 hrs)
- Free Elective (3 hrs)

#### Freshman Year - Spring
- ENC 1102: Composition II (3 hrs)
- SPC 1608: Fundamentals of Oral Communication (3 hrs)
- Select 1: 3 hrs
- PSY 2012: General Psychology or SYG 2000: Introduction to Sociology (3 hrs)

#### Sophomore Year - Fall
- ECO 2023: Principles of Microeconomics (3 hrs)
- BSC 1005: Biological Principles (3 hrs)
- CSS 2100C: Computer Fundamentals for Business (3 hrs)
- ACG 2021: Principles of Financial Accounting (3 hrs)

#### Sophomore Year - Spring
- ECO 2033: Principles of Macroeconomics (3 hrs)
- HUM 2200: Humanistic Tradition I or HUM 2210: Humanistic Tradition II (3 hrs)
- AMH 2010: U.S. History: 1492-1877 (3 hrs)

#### Sophomore Year - Summer
- Select 1: 3 hrs
- STA 2023: Statistical Methods I (3 hrs)

#### Junior Year - Fall
- HSA 3111: U.S. Health Care Systems (3 hrs)
- HSC 3537: Medical Terminology (3 hrs)
- Select 1: 3 hrs

#### Junior Year - Spring
- HSA 4109: Principles of Managed Care (3 hrs)
- HSC 4564: Health Care Needs of the Elderly (3 hrs)
- HSC 4652: Health Law and Ethics (3 hrs)
- HSA 4939: Health Services Administration Capstone (3 hrs)
- HSA 4850: Health Services Administration Internship (3 hrs)

#### Senior Year - Fall
- HSA 3430: Health Care Economics (3 hrs)
- HSA 4184: Organization & Management for Health Agencies II (3 hrs)
- HIM 4508C: Quality Management (3 hrs)
- HSA 4702: Health Sciences Research Methods (3 hrs)
- Select 1: 3 hrs

#### Senior Year - Spring
- HSA 4191: Health Care Automation (3 hrs)
- HSA 4939: Health Services Administration Capstone (3 hrs)
- HSA 4850: Health Services Administration Internship (3 hrs)

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

### History (B.A.)

#### College of Arts and Humanities
Department of History, Colbourn Hall, Room: 551  
http://history.cah.ucf.edu/
Email: history@ucf.edu
Dr. John Sacher, Chair
Phone: 407-823-2225

#### Admission Requirements
- None

#### Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a “C” (2.0) in each history course for it to be counted toward the major.
- Co-op credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF History Department.
- Students must compile a portfolio of 8-12 examples of graded, written work from UCF History classes.
- Students must complete 36 hours in history.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

#### 1. UCF General Education Program (GEP) (36 hrs)
- A: Communication Foundations (9 hrs)
- B: Cultural & Historical Foundations (9 hrs)
  - Required AMH 2010: U.S. History: 1492-1877 (3 hrs)
  - Required AMH 2020: U.S. History: 1877-Present (3 hrs)
  - Select one course from B.1B list (3 hrs)

#### 2. Mathematical Foundations (6 hrs)
- Suggested MGF 1106: Finite Mathematics or MGF 1107: Explorations in Mathematics (3 hrs)
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

#### 3. Statistics - Computers: (3 hrs)
- Select a course from GEP C.2 list (3 hrs)

#### 4. Social Foundations (6 hrs)

#### 5. Science Foundations (6 hrs)
UCF Degree Programs

2. Common Program Prerequisites (CPP)
   - See “Common Prerequisites” in the Transfer and
   Transitions Services section for more information.
     AMH 2010  U.S. History: 1492-1877  GEP
     AMH 2020  U.S. History: 1877-Present  GEP

3. Core Requirements: Basic Level (6 hrs)
   Select one of the following sequences of courses:
   - Select one sequence
     EUH 2000  Western Civilization I and 3 hrs
     EUH 2001  Western Civilization II 3 hrs
   - or
     WOH 2012  World Civilization I and 3 hrs
     WOH 2022  World Civilization II 3 hrs

4. Core Requirements: Advanced Level (3 hrs)
   - Must be taken within the History Department

5. Restricted Electives (21 hrs)
   - Select six hours of approved history courses
   - within three of four geographic regions
     Asian, African, and Middle Eastern 6 hrs
     British and European 6 hrs
     Latin American 6 hrs
     U.S. and Canadian 6 hrs
   - Select three hours of approved history courses

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   Admissions
   - Met by graduation requirement
   Graduation
   - Proficiency equivalent to one year of college instruction
     in a foreign language taught by the Department of Modern
     Languages and Literatures or Judaic Studies. Standardized
     examinations for foreign languages may be used to meet
     the requirement. Majors who are contemplating graduate
     school should complete two years of a foreign language,
     preferably one functional in their area of historical interest.

8. Electives
   - Select primarily from upper level courses after meeting
     with a departmental advisor. Courses may be outside
     the department.

9. Additional Requirements
   - None

10. Required Minors
    - None

11. Departmental Exit Requirements
    - Maintain a minimum GPA of 2.0 in upper division
      required courses attempted.
    - Submit a portfolio during the semester of graduation.
      The portfolio will include 8-12 examples of graded,
      written work from UCF History classes.
    - Computer competency met by completion of the major.
    - Students must complete at least 18 of the required 36
      History credit hours at UCF.

12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be
      completed in residency at UCF.
    - A maximum of 45 hours of extension, correspondence,
      CLEP, Credit by Exam, and Armed Forces credits permitted.
    - Complete the General Education Program, the Gordon
      Rule, and nine hours of Summer credit.

Total Semester Hours Required
   - 120

Honors In Major
   - None

Related Programs
   - Humanities

Certificates
   - None

Related Minors
   - African - American Studies
   - Asian Studies
   - Humanities
   - Judaic Studies
   - Latin American Area Studies
   - Women's Studies
   - American Studies
   - Middle Eastern Studies

Advising Notes
   - None

Transfer Notes
   - Grades below “C” (2.0) are not accepted.
   - Lower division courses do not substitute for upper
     division courses.
   - Courses transferred from private and out-of-state
     schools must be evaluated for equivalency credit. The
     student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   1 AMH 2010  U.S. History: 1492-1877 3 hrs
     may be substituted with:
   2 AMH 2020  U.S. History: 1877-Present 3 hrs
     may be substituted with:

Plan of Study
   - One of numerous possible plans of study. See program
     description for all requirements.

Freshman Year - Fall 15 hrs
   AMH 2010  U.S. History: 1492-1877 3 hrs
   ENC 1101  Composition I 3 hrs
   GEP 3 hrs
   GEP 3 hrs
   GEP 3 hrs

Freshman Year - Spring 15 hrs
   AMH 2020  U.S. History: 1877-Present 3 hrs
   ENC 1102  Composition II 3 hrs
   GEP 3 hrs
   GEP 3 hrs
   GEP 3 hrs

Sophomore Year - Fall 16 hrs
   SPN 1120C  Elementary Spanish Language and
   Civilization I 4 hrs
   GEP 3 hrs
   Core Course 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs

Sophomore Year - Spring 16 hrs
   SPN 1121C  Elementary Spanish Language and
   Civilization II 4 hrs
   Core Course 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs

Junior Year - Fall 15 hrs
   HIS 4150  History and Historians 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs

Junior Year - Spring 15 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs

Senior Year - Fall 15 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs
   Restricted Elective 3 hrs

UNIVERSITY OF CENTRAL FLORIDA 222 Undergraduate Catalog 2014-2015
Senior Year - Spring 13 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Required  HFT 4266 Hospitality Communications 3 hrs
Required  HFT 4295 Leadership and Strategic Management in Hospitality Industry 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Hospitality Management (B.S.)
Rosen College of Hospitality Management
Department of Hospitality Services,
9907 Universal Boulevard, Orlando, FL 32819
http://www.hospitality.ucf.edu
Email: hospitality@mail.ucf.edu
Dr. Kevin Murphy, Department Chair,
Kevin.Murphy@ucf.edu, 407-903-8177
Dr. Abraham Pizam, Dean
Phone: 407-903-8000

Admission Requirements
- None
- Degree Requirements
  - Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.
  - Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.
  - Students should select from the following courses to fulfill their hospitality management restricted elective requirement or select one of the Specialized Tracks.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   Required  MAC 1105C College Algebra 3 hrs

   Select 1: 3 hrs
   Required  CGS 2100C Computer Fundamentals for Business or 3 hrs
   Required  STA 2023 Statistical Methods I 3 hrs

   D: Social Foundations (6 hrs)
   Select 1: 3 hrs
   Required  ECO 2013 Principles of Macroeconomics or 3 hrs
   Required  ECO 2023 Principles of Microeconomics 3 hrs

   Select 1: 3 hrs
   Required  PSY 2012 General Psychology or 3 hrs
   Required  SYG 2000 Introduction to Sociology or 3 hrs
   Required  ANT 2000 General Anthropology 3 hrs

   E: Science Foundations (6 hrs)
   Select 1: (3 hrs)
   See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

2. Common Program Prerequisites (CPP) (3 hrs)
   See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

3. Core Requirements: Basic Level (34 hrs)
   Hospitality Management Core 34 hrs
   FSS 2221C Techniques of Food Preparation 4 hrs
   HFT 3540 Guest Services Management I 3 hrs
   HFT 2401 Hospitality Industry Financial Accounting 3 hrs
   HFT 3431 Hospitality Industry Managerial Accounting 3 hrs
   HFT 2500 Hospitality and Tourism Marketing 3 hrs
   HFT 2220 Hospitality Human Resources Management 3 hrs
   HFT 3444 Hospitality Information Systems 3 hrs
   HFT 3603 Legal Environment in the Hospitality and Tourism Industry 3 hrs
   HFT 4464 Hospitality Industry Finance 3 hrs

4. Core Requirements: Advanced Level (21 hrs)
   Select 5: 15 hrs
   HFT 3700 Tourism Management or 3 hrs
   HFT 3750 The Event Industry or 3 hrs
   HFT 3263 Restaurant Management or 3 hrs
   HFT 3273 Principles of Resort Timesharing or 3 hrs
   HFT 4755 Theme Park and Attraction Management or 3 hrs
   HFT 4727 Yacht, Country, And City Club Management 3 hrs

5. Restricted Electives (15 hrs)
   Students must take 15 credit hours (five courses) from the following:
   - FSS 3008 Culture and Cuisine 3 hrs
   - FSS 4286C Catering and Banquet Organization 3 hrs
   - HFT 3353 Golf Planning & Operations I 3 hrs
   - HFT 3354 Agronomy for Golf Course Management 3 hrs
   - HFT 3355 Golf Planning & Operations II 3 hrs
   - HFT 3357 Golf & Club Event Operations 3 hrs
   - HFT 3384 Golf and Club Enterprises Management 3 hrs
   - HFT 3654 Hospitality Franchising 3 hrs
   - HFT 3741 Meeting Management 3 hrs
   - HFT 3770 Cruise Line Operations and Management 3 hrs
   - HFT 3798 Fairs and Festivals 3 hrs
   - HFT 3868 History and Culture of Wine 3 hrs
   - HFT 4065 Fine Spirits Management 3 hrs
   - HFT 4253 Advanced Lodging Operations 3 hrs
   - HFT 4266 Hospitality Brand Management 3 hrs
   - HFT 4274 Resort Management 3 hrs
   - HFT 4343 Hospitality Facilities Management 3 hrs
   - HFT 4358 Golf & Club Facility Design 3 hrs
   - HFT 4432 Hospitality Industry Auditing 3 hrs
   - HFT 4468 Hospitality Industry Revenue Management 3 hrs
   - HFT 4473 Hospitality Development Analysis 3 hrs
   - HFT 4522 Resort Sales Tactics and Strategies 3 hrs
   - HFT 4751 Managing the Employee Experience in the Theme Park and Attraction Industry 3 hrs
   - HFT 4561 Destination Marketing 3 hrs
   - HFT 4614 Risk Management in Theme Parks and Attractions 3 hrs
   - HFT 4735 Tourism Geography 3 hrs
   - HFT 4736 Destination Management 3 hrs
   - HFT 4754 Exhibit and Trade Show Operations 3 hrs
   - HFT 4759 Product Development in Theme Parks and Attractions 3 hrs
   - HFT 4762 Current Practices in the Airline Industry 3 hrs
   - HFT 4752 Managing the Guest Experience in the Theme Park and Attraction Industry 3 hrs
   - HFT 4758 Operational Issues in the Theme Park and Attraction Industry 3 hrs
   - HFT 4795 Entertainment Arts and Events 3 hrs
   - HFT 4796 International Events 3 hrs
   - HFT 4864 Seminar in Quality Brewing and Fine Beer 3 hrs

Undergraduate Catalog 2014-2015
UCF Degree Programs

HFT 4866C Exploring Wines of the World 3 hrs
HFT 4894 International Gastronomy 3 hrs
HUN 3013 Nutrition Concepts and Issues in the Food Service Industry 3 hrs

Specialized Tracks 15 hrs
Theme Park and Attraction Management Track 15 hrs
HFT 4751 Managing the Employee Experience in the Theme Park and Attraction Industry or 3 hrs
HFT 4614 Risk Management in Theme Parks and Attractions or 3 hrs
HFT 4759 Product Development in Theme Parks and Attractions or 3 hrs
HFT 4752 Managing the Guest Experience in the Theme Park and Attraction Industry or 3 hrs
HFT 4758 Operational Issues in the Theme Park and Attraction Industry or 3 hrs
HFT 4795 Entertainment Arts and Events 3 hrs

Golf and Club Management Track 15 hrs
HFT 3353 Golf Planning & Operations I or 3 hrs
HFT 3354 Agronomy for Golf Course Management or 3 hrs
HFT 3355 Golf Planning & Operations II or 3 hrs
HFT 3357 Golf & Club Event Operations or 3 hrs
HFT 3384 Golf and Club Enterprises Management or 3 hrs
HFT 4358 Golf & Club Facility Design 3 hrs

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
- None

8. Electives
- 3-11 hours as necessary to result in 120 total credit hours.

9. Additional Requirements
- Final exams will be given during Exam Week only.
- Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management core classes or restricted electives at UCF.

10. Required Minors
- None

11. Departmental Exit Requirements
- None

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF College of Hospitality Management.
- Florida College System students are encouraged to complete the general education requirements prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the hospitality major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- Plan your required nine summer credit hours into your course of study.

Freshman Year - Fall 15 hrs
ENC 1101 Composition I 3 hrs
HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
MAC 1105C College Algebra 3 hrs
Cult/His. Foundations I 3 hrs

Select 1: 3 hrs
PSY 2012 General Psychology or 3 hrs
SYG 2000 Introduction to Sociology or 3 hrs
ANT 2000 General Anthropology 3 hrs

Freshman Year - Spring 15 hrs
ENC 1102 Composition II 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
MAC 1105C College Algebra 3 hrs
Cult/His. Foundations II 3 hrs

Select 1: 3 hrs
CGS 1060C Introduction to Computers or 3 hrs
STA 2023 Statistical Methods I 3 hrs

Select 1: 3 hrs
HFT 2750 The Event Industry or 3 hrs
HFT 2254 Lodging Operations 3 hrs

Sophomore Year - Fall 15 hrs
HFT 2250 Hospitality and Tourism Marketing 3 hrs
Science Foundations I 3 hrs
Free Elective 3 hrs

Select 1: 3 hrs
ECO 2013 Principles of Macroeconomics or 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select 1: 3 hrs
HFT 2254 Lodging Operations or 3 hrs
HFT 2750 The Event Industry 3 hrs

Sophomore Year - Spring 16 hrs
HFT 2220 Hospitality Human Resources Management 3 hrs
Science Foundations II 3 hrs
Cult/His. Foundations III 3 hrs
Free Elective 3 hrs
FSS 2221C Techniques of Food Preparation 4 hrs

Junior Year - Fall 16 hrs
HFT 2401 Hospitality Industry Financial Accounting 3 hrs
HFT 3540 Guest Services Management I 3 hrs
HFT 3603 Legal Environment in the Hospitality and Tourism Industry 3 hrs
HFT 3940 Internship I 1 hr
Sectoral Studies 6 hrs

Junior Year - Spring 16 hrs
HFT 3431 Hospitality Industry Managerial Accounting 3 hrs
HFT 3444 Hospitality Information Systems 3 hrs
HFT 4941 Internship II 1 hr
Sectoral Studies 6 hrs
Hospitality Restricted Elective 3 hrs
Senior Year - Fall 16 hrs
HFT 4464 Hospitality Industry Finance 3 hrs
HFT 4286 Hospitality Communications 3 hrs
HFT 4944 Internship III 1 hr
Hospitality Restricted Electives 6 hrs
Free Elective 3 hrs

Senior Year - Spring 12 hrs
HFT 4295 Leadership and Strategic Management in Hospitality Industry 3 hrs
Hospitality Restricted Electives 6 hrs
Free Electives 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm

Human Communication (B.A.)
College of Sciences
Nicholson School of Communication, NSC, Room: 143
http://communication.cos.ucf.edu

Dr. Jim Katt, Area Coordinator, james.katt@ucf.edu
Nicholson Academic Student Services, nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements
- None

Degree Requirements
- Students who change degree programs (other than from COM Pending) and select this major must adopt the most current catalog.
- Co-op or internship credit may be used in this major with prior advisor approval.
- Students cannot exceed a total of six credits of internship, co-op, and independent study credits combined.
- Students must consult with a school advisor.
- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the Nicholson School of Communication.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
Required ENC 1101 Composition I 3 hrs
Required ENC 1102 Composition II 3 hrs
Select 1:
Required SPC 1608 Fundamentals of Oral Communication or 3 hrs
Required SPC 1603C Fundamentals of Technical Presentations 3 hrs
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
Statistics:
Required STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
Required STA 2014C Principles of Statistics 3 hrs
Math:
Suggested MGF 1106 Finite Mathematics or 3 hrs
Suggested MGF 1107 Explorations in Mathematics or 3 hrs
You may substitute a higher level math with appropriate scores on the Math Placement Exam.
D: Social Foundations (6 hrs)
E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (18 hrs)
- Students are expected to select these courses outside their major, and outside the GEP. The courses may be interspersed throughout their 4 year program.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

3. Core Requirements: Basic Level (3 hrs)

Speech
SPC 1608 Fundamentals of Oral Communication or GEP
SPC 1603C Fundamentals of Technical Presentations GEP

Statistics:
STA 1063C Basic Statistics Using Microsoft Excel or GEP
STA 2014C Principles of Statistics GEP

Computer Science:
CGS 2100C Computer Fundamentals for Business or 3 hrs
CGS 2585C Desktop/Internet Publishing or 3 hrs
CGS 3175 Internet Applications or 3 hrs

4. Core Requirements: Advanced Level (12 hrs)
Select 1:
COM 3011C Communication and Human Relations or 3 hrs
COM 3003 Exploring Human Communication or 3 hrs
Take all of the following:
COM 3120 Organizational Communication and or 3 hrs
COM 3311 Communication Research Methods and 3 hrs
COM 3301 Interpersonal Communication or 3 hrs

5. Restricted Electives (27 hrs)
Internal Restricted Electives: 21 hrs
- Select from the following list:
COM 3013 Communication and the Family or 3 hrs
COM 3022 Health Communication or 3 hrs
COM 3110 Business and Professional Communication or 3 hrs
COM 3332 Communication, Technology, and Change or 3 hrs
COM 3406 Role of Motivation in Communication or 3 hrs
COM 4014 Gender Issues in Communication or 3 hrs
COM 4416 Terrorism and Communication or 3 hrs
COM 4461 Intercultural Communication or 3 hrs
COM 4462 Conflict Management or 3 hrs
SPC 3445 Leadership Through Oral Communication or 3 hrs
SPC 3513C Argumentation and Debate or 3 hrs
SPC 4331 Nonverbal Communication or 3 hrs
SPC 4426 Group Dynamics or 3 hrs
SPC 4540 Persuasion and Communication or 3 hrs

A maximum of 6 credits of any combination of the following can be used as an Internal Restricted Elective:
- Select from the following:
COM 4941 Internship or 3 hrs
COM 4906 Directed Independent Study or 3 hrs
SPC X949 Coop or 3 hrs
COM X949 Coop or 3 hrs

Select 1: 3 hrs
ENC 3315 Argumentative Writing or 3 hrs
ENC 3311 Essay as Cultural Commentary or 3 hrs
ENC 3250 Professional Writing or 3 hrs
ENC 3314 Writing in the University or 3 hrs
ENC 3241 Writing for the Technical Professional or 3 hrs
Other upper division COM or SPC courses with prior approval of department advisor.

External Restricted Electives 6 hrs
- A minimum of six upper division credit hours selected from courses in Nicholson School of Communication outside of the Human Communication area (i.e. Advertising - Public Relations, Journalism, or Radio - Television).

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Met by graduation requirement.
Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

UNIVERSITY OF CENTRAL FLORIDA

225 Undergraduate Catalog 2014-2015
UCF Degree Programs

Eight credits of American Sign Language (ASL) can satisfy this requirement for students graduating under this catalog. Consult with the NSC advising staff to understand how choosing ASL might impact hours needed to graduate.

8. Electives
Select primarily from upper level courses. May be taken outside of the Nicholson School of Communication.

9. Additional Requirements
None

10. Required Minors
None

11. Departmental Exit Requirements
Achieve a “C” (2.0) or better average GPA in Nicholson School of Communication courses used to satisfy the major.
To avoid graduation delays, meet with your advisor to review graduation requirements before registering for your last term.

12. University Minimum Exit Requirements
A 2.0 UCF GPA
60 semester hours earned after CLEP awarded
48 semester hours of upper division credit completed
30 of the last 39 hours of course work must be completed in residency at UCF.
A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
120

Honors In Major
None

Related Programs
None

Certificates
None

Related Minors
Human Communication
Mass Communication

Advising Notes
None

Transfer Notes
Lower division courses do not substitute for upper division courses.
Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
None

Plan of Study
One of numerous possible plans of study. See program description for all requirements. Consult a school advisor for alternate, new or more appropriate selections.
Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
Before registering for Math, take Math Placement Test ~
http://utcs.sdes.ucf.edu

Freshman Year - Fall 13 hrs
ENG 1101 Composition I 3 hrs
GEP-Math 3 hrs
GEP 3 hrs
Foreign Language 4 hrs

Freshman Year - Spring 13 hrs
ENG 1102 Composition II 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
STA 2014C Principles of Statistics 3 hrs
Foreign Language 4 hrs

Sophomore Year - Fall 15 hrs
Core-Computer Science 3 hrs
GEP 3 hrs
GEP 3 hrs

Sophomore Year - Spring 15 hrs
COM 3311 Communication Research Methods 3 hrs

Select 1:
COM 3011C Communication and Human Relations or
COM 3003 Exploring Human Communication 3 hrs
GEP 3 hrs
GEP 3 hrs
Elective (Consider a minor) 3 hrs

Junior Year - Fall 15 hrs
SPC 3301 Interpersonal Communication 3 hrs
COM 3120 Organizational Communication 3 hrs
Restricted Elective 3 hrs
Elective (Consider a minor) 3 hrs
GEP 3 hrs

Junior Year - Spring 15 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Elective (Consider a minor) 3 hrs
Elective (Consider a minor) 3 hrs
External Restricted Elective 3 hrs

Junior Year - Summer 15 hrs
Restricted Elective Internship 3 hrs
Elective (Consider a minor) 3 hrs
Elective (Consider a minor) 3 hrs

Senior Year - Fall 15 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Elective (Consider a minor) 3 hrs
Elective (Consider a minor) 3 hrs

Senior Year - Spring 10 hrs
Restricted Elective 3 hrs
Elective (Consider a minor) 3 hrs
Elective (Consider a minor) 4 hrs

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm

Humanities and Cultural Studies (B.A.)
College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: philosophy2@ucf.edu
Dr. Claudia Schippert, Claudia.Schippert@ucf.edu, 407-823-2273

Admission Requirements
None

Degree Requirements
Students who change degree programs and select this major must adopt the most current catalog.
Co-op or internship credit cannot be used in this major without prior approval by the chair.
Students must earn at least a “C” (2.0) in each required course.
Students should consult with a departmental advisor.
Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
### 7. Core Requirements: Basic Level

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 2210 Humanistic Tradition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 2230 Humanistic Tradition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 2010 Introduction to Philosophy</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 4. Core Requirements: Advanced Level (33 hrs)

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>(33 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Foundation</td>
<td>6 hrs</td>
</tr>
<tr>
<td>HUM 3431 Ancient Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3435 Medieval Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3255 Modern Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3262 Contemporary Humanities</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Theories and Methods (12 hrs)

<table>
<thead>
<tr>
<th>Theories and Methods</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 3805 Critical Theory in the Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3820 Introduction to Digital Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3326 Theories of Sex and Gender in Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 4330 Performance Theory or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 4823 Queer Theory in the Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 4826 Postcolonial Theory</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Cultural Traditions (6 hrs)

<table>
<thead>
<tr>
<th>Cultural Traditions</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 3401 Asian Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3423 African Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 3460 Latin American Humanities or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 4459 American Cultural Studies in Humanities</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Topics in Cultural Studies (6 hrs)

<table>
<thead>
<tr>
<th>Topics in Cultural Studies</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 4931 Key Figures in the Humanities &amp; Cultural Studies or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 4934 Key Concepts in Humanities &amp; Cultural Studies</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 5. Restricted Electives

- None

### 6. Capstone Requirements (3 hrs)

- HUM 4933 Senior Research Seminar | 3 hrs |

### 7. Additional Requirements

- None

### 10. Required Minors

- None

### 11. Departmental Exit Requirements

- Departmental Exit Exam in final semester. Exam may be part of HUM 4933: Humanities Senior Research Seminar
- Earn a “C” (2.0) or better in each required course.
- To avoid delaying graduation, you must request a review of requirements prior to registering for your last term.

### Transfer Notes

- Acceptable Substitutes for Transfer Courses
- Admissions Notes
- Advising Notes
- Related Minors
- Clearinghouse Notes
- University Minimum Exit Requirements

### University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required

- 120

### Honors In Major

- Students considering graduate school in humanities are strongly encouraged to take Honors in the Major.

### a. Core Requirements, Humanities and Cultural Studies, and Capstone (36 hrs)

- Same requirements as for regular majors

### b. Honors Thesis (6 hrs)

- HUM 4903H Honors Directed Reading I | 3 hrs |
- HUM 4970H Undergraduate Honors Thesis | 3 hrs |

### c. Additional Requirements of Honors in the Major

- Application and admission through the Humanities Honors Coordinator
- Fulfill University requirements for Honors in the Major
- Maintain a UCF GPA of at least 3.2 and a Humanities GPA of at least 3.5
- Successful completion and oral defense of Honors thesis
- No more than 2 courses of 3000 or 4000 level courses applied to the B.A. in Humanities: Philosophy, Religion & Popular Culture may be simultaneously applied to fulfill another major.

- Earn a “B” (3.0) or better in both of the following:
  - HUM 4903H Honors Directed Reading I | 3 hrs |
  - HUM 4970H Undergraduate Honors Thesis | 3 hrs |

### Related Programs

- Philosophy
- Religion and Cultural Studies

### Certificates

- None

### Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses

- None
Plan of Study

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Industrial Engineering (B.S.I.E.)
College of Engineering and Computer Science
Department of Industrial Engineering and Management Systems, Engineering II, Room: 312
http://www.iems.ucf.edu/
Dr. William Thompson, william.thompson@ucf.edu
Phone: 407-823-2204

Admission Requirements
- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a “C” (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements
- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.

1. UCF General Education Program (GEP) (38 hrs)
- The UCF General Education Program (GEP) is described in the section. General Education Program, found elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1603C Fundamentals of Technical Presentations 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Select two courses from Historical Foundations 6 hrs
- Select one course from Cultural Foundations 3 hrs

C: Mathematical Foundations (7 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Required STA 3032 Probability and Statistics for Engineers 3 hrs

D: Social Foundations (6 hrs)
- Select 1: 3 hrs
  - Prefer ECO 2003 Principles of Macroeconomics or 3 hrs
  - Prefer ECO 2023 Principles of Microeconomics 3 hrs
  - Select one course from Social Foundations Group 2 3 hrs

E: Science Foundations (7 hrs)
- Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
- Select one course from Science Foundations 3 hrs

2. Common Program Prerequisites (CPP) (19 hrs)
- These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. A 2.0 cumulative GPA or better is required for those courses in this section.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
1 MAC 2311C Calculus with Analytic Geometry I GEP
2 MAC 2312 Calculus with Analytic Geometry II 4 hrs
3 MAC 2313 Calculus with Analytic Geometry III 4 hrs
4 MAP 2302 Ordinary Differential Equations I 3 hrs
5 PHY 2048C Physics for Engineers & Scientists I GEP
6 PHYS 2046C Physics for Engineers and Scientists II 4 hrs

Select 1: 4 hrs
- CHS 1440 Principles of Chemistry or 4 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs

1 A 2.0 cumulative GPA or better is required for this course.
2 Preferred

3. Core Requirements: Basic Level (2 hrs)
- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing the core courses required for the major, together with the restricted electives and senior design courses listed below.

EGS 1006C Introduction to the Engineering Profession 1 hr
EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (59 hrs)
Courses Required for the Major

- The Industrial Engineering and Management Systems department requires all students within the major to achieve a “C” (2.0) GPA or better in all courses in this section with a prefix of EIN, ESI, STA and MAS.

EGS 4624 Engineering Innovation and Leadership 3 hrs
STA 3032 Probability and Statistics for Engineers GEP 3 hrs
ESI 4628C Industrial Engineering Applications of Computers 3 hrs
EIN 4243C Human Engineering 3 hrs
EIN 4333 Production and Distribution Systems 3 hrs
EIN 4364 Facilities Planning 3 hrs
EIN 4391 Manufacturing Engineering 3 hrs
EIN 4221 Empirical Methods for Industrial Engineering 3 hrs
EIN 4234 Quality Engineering 3 hrs
EIN 4312 Operations Research 3 hrs
EIN 4523C Systems Simulation 3 hrs
EIN 4517 Systems Engineering 3 hrs
EGN 3310 Engineering Analysis-Statics 3 hrs
1 COP 3223 Introduction to Programming with C 3 hrs
EGN 3321 Engineering Analysis-Dynamics 3 hrs
EGN 3373 Principles of Electrical Engineering 3 hrs
EIN 2002 Introduction to Industrial Engineering and Management Systems 1 hr
MAS 3105 Matrix and Linear Algebra 4 hrs
EIN 3351 Engineering Economic Analysis and Cost Engineering 3 hrs

Select 1: 3 hrs
- EGN 3358 Thermo-Fluics-Heat Transfer or 3 hrs
- EGN 3343 Thermodynamics 3 hrs

1 Courses with significant programming content in C, C++ or Java may be used to satisfy this requirement but must be approved by the IEMS undergraduate coordinator.

5. Restricted Electives (6 hrs)
- Technical electives are available in the BSIE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

UNIVERSITY OF CENTRAL FLORIDA
6. Capstone Requirements
   - None

7. Foreign Language Requirements
   Admissions
   - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

   Graduation
   - None

8. Electives
   - None

9. Additional Requirements
   - None

10. Required Minors
   - None

11. Departmental Exit Requirements (4 hrs)
   - EIN 4891C Industrial Engineering Senior Design 4 hrs

12. University Minimum Exit Requirements
   - A 2.0 UCF GPA
   - 60 semester hours earned after CLEP awarded
   - 48 semester hours of upper division credit completed
   - 30 of the last 39 hours of course work must be completed in residency at UCF.
   - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

13. Total Semester Hours Required
   - 128

14. Honors In Major
   - None

15. Related Programs
   - Mechanical Engineering

16. Certificates
   - None

17. Related Minors
   - None

18. Advising Notes
   - None

19. Transfer Notes
   - Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.
   - Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
   - EGN 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to area 5. Restricted Electives.

20. Acceptable Substitutes for Transfer Courses
   - None

21. Plan of Study (128 hrs)
   - Tentative Course Schedule for Entering Freshmen:
   - The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their faculty advisor to develop and maintain an appropriate plan of study.

   Freshman Year - Summer 9 hrs
   - COP 3223 Introduction to Programming with C 3 hrs
   - Select 1: 3 hrs
   - ECO 2013 Principles of Macroeconomics or 3 hrs
   - ECO 2023 Principles of Microeconomics 3 hrs
   - Select 1 3 hrs
   - SPC 1603C Fundamentals of Technical Presentations or 3 hrs
   - SPC 1608 Fundamentals of Oral Communication 3 hrs

   Sophomore Year - Fall 14 hrs
   - MAC 2313 Calculus with Analytic Geometry III 4 hrs
   - STA 3032 Probability and Statistics for Engineers 3 hrs
   - EIN 2002 Introduction to Industrial Engineering and Management Systems 1 hr
   - GEP 3 hrs
   - EGN 3310 Engineering Analysis-Statics 3 hrs

   Sophomore Year - Spring 13 hrs
   - MAP 2302 Ordinary Differential Equations I 3 hrs
   - EGN 3321 Engineering Analysis-Dynamics 3 hrs
   - MAS 3105 Matrix and Linear Algebra 4 hrs
   - EIN 3351 Engineering Economic Analysis and Cost Engineering 3 hrs

   Junior Year - Summer 10 hrs
   - GEP 3 hrs
   - PHY 2049C Physics for Engineers and Scientists II 4 hrs

   Junior Year - Fall 12 hrs
   - EIN 3314 Work Analysis and Design 3 hrs
   - ESI 4512 Operations Research 3 hrs
   - ESI 4628C Industrial Engineering Applications of Computers 3 hrs
   - EGN 3373 Principles of Electrical Engineering 3 hrs

   Junior Year - Spring 12 hrs
   - ESI 4523C Systems Simulation 3 hrs
   - EIN 4333 Production and Distribution Systems 3 hrs
   - EIN 4364 Facilities Planning 3 hrs
   - EIN 4243C Human Engineering 3 hrs

   Junior Year - Summer 9 hrs
   - GEP 3 hrs
   - GEP 3 hrs
   - EGN 3343 Thermodynamics 3 hrs

   Senior Year - Fall 12 hrs
   - Approved Technical Elective 3 hrs
   - EIN 4391 Manufacturing Engineering 3 hrs
   - ESI 4234 Quality Engineering 3 hrs
   - ESI 4221 Empirical Methods for Industrial Engineering 3 hrs

   Senior Year - Spring 13 hrs
   - EIN 4891C Industrial Engineering Senior Design Project 4 hrs
   - Approved Technical Elective 3 hrs
   - EGS 4524 Engineering Innovation and Leadership 3 hrs
   - EIN 4517 Systems Engineering 3 hrs

Program Academic Learning Compacts
   - Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
   - Part-Time Student: $38 per term
   - Full-Time Student: $77 per term
Information Technology (B.S.)

Core Requirements 46 hrs
4. Core Requirements: Advanced Level (52 hrs)
3. Core Requirements: Basic Level
Select 1: 3 hrs
2. Common Program Prerequisites (CPP) (15 hrs)
1. UCF General Education Program (GEP) (37 hrs)
A: Communication Foundations (9 hrs)
Required ENC 1101 Composition I 3 hrs
Required ENC 1102 Composition II 3 hrs
Select 1: 3 hrs
Prefer SPC 1603C Fundamentals of Technical Presentations or 3 hrs
Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
Required STA 2023 Statistical Methods I 3 hrs
Select 1: 3 hrs
Suggested MAC 1105C College Algebra or 3 hrs
Suggested MAC 1140C Pre-Calculus Algebra 3 hrs
D: Social Foundations (6 hrs)
Required ECO 2013 Principles of Macroeconomics 3 hrs
Required PSY 2012 General Psychology 3 hrs
E: Science Foundations (7 hrs)
Required PHY 2053C College Physics I 4 hrs
Select one class from Science Foundations 3 hrs
2. Common Program Prerequisites (CPP) (15 hrs)
A “C” (2.0) or better is required in all these courses.
See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
MAC 1114C College Trigonometry 3 hrs
ECO 2013 Principles of Macroeconomics GEP 3 hrs
PSY 2012 General Psychology GEP 3 hrs
PHY 2053C College Physics I GEP 3 hrs
COP 3223 Introduction to Programming with C 3 hrs
COP 3330 Object Oriented Programming 3 hrs
CGS 2545C Database Concepts 3 hrs
STA 2023 Statistical Methods I GEP 3 hrs
Select 1: 3 hrs
MAD 2104 Foundations of Discrete Math or 3 hrs
COT 3100C Introduction to Discrete Structures 3 hrs
3. Core Requirements: Basic Level
None
4. Core Requirements: Advanced Level (52 hrs)
A “C” (2.0) or better is required in all these courses.
Core Requirements 46 hrs
COP 3502C Computer Science I 3 hrs
CIS 3360 Security in Computing 3 hrs
CAP 4104 Human and Technology Interaction 3 hrs
CGS 3269 Computer Architecture Concepts 3 hrs
CNT 3004 Computer Network Concepts 3 hrs
CIS 3003 Fundamentals of Information Technology 3 hrs
CIS 4524 Managing IT Integration 3 hrs
CNT 4714 Enterprise Computing 3 hrs
CIS 4004 Web-Based Information Technology 3 hrs
COP 4703C Design and Implementation of Computer Communication Networks 3 hrs
COP 4910 Frontiers in Information Technology 3 hrs
PHI 3626 Advanced Ethics in Science and Technology 3 hrs
CGS 3763 Operating System Concepts 3 hrs
CNT 4603 System Administration and Maintenance 3 hrs
PHY 2054C College Physics II 4 hrs
Support Courses 6 hrs
Select 1: 3 hrs
ENC 4293 Documentation and the Collaborative Process or 3 hrs
ENC 4265 Writing for the Computer Industry or 3 hrs
ENC 4414 Writing and Hypertext or 3 hrs
ENC 4415 Digital Rhetorics and The Modern Dialectic 3 hrs
Select 1: 3 hrs
ENC 3241 Writing for the Technical Professional or 3 hrs
ENC 3211 Theory and Practice of Technical Writing or 3 hrs
ENC 3250 Professional Writing 3 hrs
5. Restricted Electives (6 hrs)
Six hours of any 3000-level (or higher) courses offered by Computer Science and Information Technology programs. CGS 4941 can be used as a restricted elective.
A “C” (2.0) or better is required in all these courses.
6. Capstone Requirements
None
7. Foreign Language Requirements
Admissions
Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
None
8. Electives
Remaining hours needed to meet minimum of 120 hours for graduation should be met with Free Electives.
9. Additional Requirements
None
10. Required Minors
None
11. Departmental Exit Requirements
Complete an exit interview with an assigned faculty advisor
12. University Minimum Exit Requirements
A 2.0 UCF GPA
60 semester hours earned after CLEP awarded
48 semester hours of upper division credit completed
30 of the last 39 hours of course work must be completed in residency at UCF.
A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.
Total Semester Hours Required
120
Honors In Major
None
Related Programs
Computer Engineering
Computer Science
Certificates
None
Related Minors
Computer Science
Interdisciplinary Informatics Technology
Secure Computing and Networks
Advising Notes
None
## Transfer Notes
- Grades below "C" (2.0) are not accepted
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Lower division courses do not substitute for upper division courses.

## Acceptable Substitutes for Transfer Courses
- None

## Plan of Study

### Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- SPC 1603C Fundamentals of Technical Presentations 3 hrs
- COP 3223 Introduction to Programming with C 3 hrs

### Sophomore Year - Spring
- ENC 1102 Composition II 3 hrs
- MAC 1105C College Algebra or 3 hrs
- MAC 1140C Pre-Calculus Algebra 3 hrs

### Sophomore Year - Fall
- ENC 1114C College Trigonometry 3 hrs
- COP 3502C Computer Science I 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- PSY 2012 General Psychology 3 hrs

### Junior Year - Fall
- MAD 2104 Foundations of Discrete Math 3 hrs
- COP 3330 Object Oriented Programming 3 hrs
- PHY 2053C College Physics I 4 hrs
- CGS 2545C Database Concepts 3 hrs
- GEP 3 hrs

### Junior Year - Spring
- CGS 3269 Computer Architecture Concepts 3 hrs
- STA 2023 Statistical Methods I 3 hrs
- CIS 3003 Fundamentals of Information Technology 3 hrs
- GEP 3 hrs
- Free Elective 3 hrs

### Senior Year - Fall
- ENC 3211 Theory and Practice of Technical Writing or 3 hrs
- ENC 3250 Professional Writing 3 hrs
- ENC 3265 Managing IT Integration 3 hrs
- PHI 3625 Advanced Ethics in Science and Technology 3 hrs
- GEP 3 hrs

### Senior Year - Spring
- ENC 3241 Writing for the Technical Professional or 3 hrs
- ENC 3242 Writing and Hypertext or 3 hrs
- ENC 4415 Digital Rhetorics and The Modern Dialectic 3 hrs
- COP 4910 Frontiers in Information Technology 3 hrs
- CNT 4714 Enterprise Computing 3 hrs

## Interdisciplinary Studies (B.A. / B.S.)

### Office of Undergraduate Studies
### Office of Interdisciplinary Studies, Classroom I, Room: 302

**http://www.is.ucf.edu**

**Email:** is@ucf.edu

**Phone:** 407-823-0144

Interdisciplinary Studies is a university-wide program leading to either the Bachelor of Arts or the Bachelor of Science in Interdisciplinary Studies, depending on the concentration of work selected in consultation with an Interdisciplinary Studies adviser. The program is administered through the Office of Interdisciplinary Studies and is designed for academic flexibility. It recognizes that there are many combinations of courses that meet the needs of individual students. This program may be taken online; however, there are limited area, course, and minor selections available. Advisement is required from a member of the Interdisciplinary Studies Advising Team. Students may not be able to complete all courses online. Students must complete all University-wide graduation requirements (general education, foreign language, Gordon Rule, etc.), some of which are not available via online courses. For more information, see http://online.ucf.edu/.

### Admission Requirements
- None

### Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must have declared an Interdisciplinary Studies major at least two semesters before graduation.
- Co-op credit cannot be used in this major.
- Independent study forms must be approved by the director prior to taking an independent study or internship for use in the Interdisciplinary Studies areas. Non-approved independent studies or internship will not be counted towards the major.
- Students must earn at least a "C" (2.0) in each core and restricted elective course.
- Students must consult with an Interdisciplinary Studies adviser to enter the program.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- No courses can count in more than one subject area or in a subject area and a minor.
- Students wishing to earn an Interdisciplinary Studies degree as a double degree, double major, or second major, must complete all restricted elective credits exclusive of the credits done for the other degree(s) or major(s), including any minors associated with that degree or degrees.

### 1. UCF General Education Program (GEP) (36 hrs)
- Communication Foundations (9 hrs)
- Cultural & Historical Foundations (9 hrs)
- Mathematical Foundations (6 hrs)
- Social Foundations (6 hrs)
- Science Foundations (6 hrs)

### 2. Common Program Prerequisites (CPP)
- None

### 3. Core Requirements: Basic Level (6 hrs)
- IDS 3933 Cornerstone Experience 3 hrs
- IDS 4934 Capstone Experience 3 hrs

### 4. Core Requirements: Advanced Level
- None

---

**Equipment Fees**
- Part-Time Student: $4 per term
- Full-Time Student: $8 per term

---

**UCF Degree Programs**

---

**UNIVERSITY OF CENTRAL FLORIDA**

---

**Undergraduate Catalog 2014-2015**

---

**http://online.ucf.edu/alc/academic_learning_compacts.htm**
5. Restricted Electives (30 hrs)
- Students must complete two different subject area concentrations from among those specified below.
- Students must take a minimum of 15 hours of approved courses in each selected subject area (excluding GEP courses). Courses are considered approved only when they have been reviewed by an Interdisciplinary Studies adviser and not simply when they appear on a student audit.
- Students are required to take a minimum of 15 UCF hours, as well as 15 upper division hours, in the two areas combined.
- See the Interdisciplinary Studies Advising Team for details regarding each area:
  - Arts
  - Behavioral and Social Sciences
  - Commerce
  - Communication
  - Computational Sciences
  - Education
  - Engineering
  - Health
  - Humanities
  - Letters and Modern Languages
  - Physical Sciences
  - Life/Biomedical Sciences
  - Public Affairs

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- BA: Met by graduation requirement.
- BS: Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.
- Note: Students entering without having met the admission requirements must do so in order to graduate.

Graduation
- BA: Proficiency equivalent to one year of college instruction in either a foreign language or proficiency equivalent to American Sign Language III. Standardized examinations may be used to meet the requirement.
- BS: Proficiency equivalent to one semester of college instruction in a foreign language or one course with a multicultural dimension. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives
- Select primarily from upper level courses, with an Interdisciplinary Studies adviser’s approval.

9. Additional Requirements
- None

10. Required Minors
- Students must complete a minor from those offered at UCF. The minor cannot overlap with the two subject areas. Minimum hours required for a minor is eighteen. The minor degree audit must be approved by, and completion of the minor certified by, the department offering the minor.

11. Departmental Exit Requirements
- A grade of “C” or above (2.0) is required for each course in the core and restricted electives.
- Computer Competency met by completing this major.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Interdisciplinary Studies - Environmental Studies Track
- Interdisciplinary Studies - Women’s Studies Track

Certificates
- None

Related Minors
- Most UCF minors

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the degree program by the Interdisciplinary Studies Advising Team. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Interdisciplinary Studies - Environmental Studies Track (B.S.)
Office of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
http://www.is.ucf.edu
Email: is@ucf.edu
Phone: 407-823-0144

The Environmental Studies track is a program that prepares students for a number of interesting and challenging careers. Its interdisciplinary nature provides students with tools that can be applied across a spectrum of science, social behavior, and humanities, using the strengths of the various areas. Students seeking journalistic or artistic careers will gain a scientific background by which to understand environmental science, while students going into the sciences will appreciate the social, political, and ethical dimensions of environmental actions and policy decisions.

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must have declared an Interdisciplinary Studies major at least one semester before graduation.
- Independent study forms must be approved by the director prior to taking an independent study or internship for use in the program; non-approved independent studies will not be counted towards the major.
- Co-op credit cannot be used in the major.
- Students must earn at least a “C” (2.0) grade in each required course in the core and subject areas.
- Students must consult with an Interdisciplinary Studies adviser when entering the program.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Students wishing to earn an Interdisciplinary Studies degree as a double degree, double major, or second degree, must complete all fifty-four credits exclusive of credits done for the other degree(s) and/or major(s), including any minors associated with that degree.
### 1. UCF General Education Program (GEP) (36 hrs)

**A: Communication Foundations (9 hrs)**
- Required MAC 1105C: College Algebra 
- Required STA 2023: Statistical Methods I

**B: Cultural & Historical Foundations (9 hrs)**
- Required SYG 2000: Introduction to Sociology 
- Required ECO 2023: Principles of Microeconomics

**C: Mathematical Foundations (6 hrs)**
- Required MAC 1105C: College Algebra 
- Required STA 2023: Statistical Methods I

**D: Social Foundations (6 hrs)**
- Required SYG 2000: Introduction to Sociology 
- Required ECO 2023: Principles of Microeconomics

**E: Science Foundations (8 hrs)**
- Required BSC 2010C: Biology I 
- Required CHM 2045C: Chemistry Fundamentals I

### 2. Core Program Prerequisites (CPP) (11 hrs)
- **None**

### 3. Core Requirements: Basic Level (11 hrs)
- **Core for Environmental Studies:**
  - **Physical/Mathematical Sciences**
    - Required CHM 2045C: Chemistry Fundamentals I
    - Required MAC 1105C: College Algebra
    - Required PSC 1121: Physical Science
    - Required STA 2023: Statistical Methods I
  - **Life Sciences**
    - Required BSC 2010C: Biology I 
    - Required BSC 2011C: Biology II
    - Required PCB 3044: Principles of Ecology
    - Required PCB 3044L: Principles of Ecology Laboratory
  - **Social Science & Humanities**
    - Required SYG 2000: Introduction to Sociology 
    - Required ECO 2023: Principles of Microeconomics

### 4. Core Requirements: Advanced Level (19 hrs)
- **Environmental Studies Fundamentals**
  - Required IDS 3150: Foundations of Environmental Studies
  - Required ECP 3302: Economics and the Environment
  - Required GIS 3043C: GIS for Environmental Studies
  - Required GIS 4301C: Advanced GIS Applications in Environmental Studies
  - Required PUP 3203: Environmental Politics
  - Required SYD 4510: Environment and Society

### 5. Restricted Electives (18 hrs)
- Students will complete one of the concentrations listed below. Each concentration requires a minimum of eighteen credit hours. A student completing the Environmental Studies core can reasonably expect to meet entry requirements for most electives listed.
- Select eighteen hours in one concentration.

### Science Concentration
- Note: This subject area is available only to Interdisciplinary Studies - Environmental Studies track majors.
  - BCH 4053: Biochemistry I
  - BCH 4054: Biochemistry II
  - BOT 3152C: Local Flora
  - BOT 3802: Ethnobotany
  - BOT 4303C: Plant Kingdom
  - BOT 4713C: Plant Taxonomy
  - BSC 4032: Advanced Marine Biology
  - CHM 3120: Analytical Chemistry
  - OCE 3008: Oceanography
  - PCB 3063: Genetics
  - PCB 3442: Aquatic Ecology
  - PCB 4683: Evolutionary Biology
  - PCB 4723: Animal Physiology
  - PCB 5045: Conservation Biology
  - PCB 5326C: Ecosystems of Florida

### Values, Planning, & Policy Concentration
- Note: This subject area is available only to Interdisciplinary Studies - Environmental Studies track majors.
  - ANT 3541: Biobehavioral Anthropology
  - BOT 3802: Ethnobotany

### 6. Capstone Requirements
- **None**

### 7. Foreign Language Requirements

#### Admissions
- Two years of high school, or one year college language (or equivalent proficiency exam) prior to graduation

#### Graduation
- Proficiency equivalent to one semester of college instruction in a foreign language or one course with a multicultural dimension. Standardized examinations for foreign languages may be used to meet the requirement.

### 8. Electives
- Select primarily from upper level courses, with adviser approval

### 9. Additional Requirements
- **None**

### 10. Required Minors
- **None**

### 11. Departmental Exit Requirements
- A grade of “C” or above (2.0) is required for each course taken in the subject areas and core
- Computer Competency is met by completing this major

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### Honors In Major
- **None**

### Related Programs
- **Biology**
- **Chemistry**
- **Environmental Engineering**
- **Political Science**
- **Economics**

### Certificates
- **None**

### Related Minors
- **All minors**

### Advising Notes
- **None**

### Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the degree program by the Interdisciplinary Advising Team. The student must provide all supporting information.
Interdisciplinary Studies - Women’s Studies Track

(B.A.)

Office of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom 1, Room: 302
Program in Women’s Studies, Colbourn Hall, Room: 411
http://www.is.ucf.edu
Email: is@ucf.edu
Email: womenst@ucf.edu
Interdisciplinary Studies Advising Team, 407-823-0144
Dr. M.C. Santana, 407-823-2260
Phone: 407-823-0144

Interdisciplinary Studies - Women’s Studies track is a broadly based interdisciplinary curriculum that leads to the Bachelor of Arts degree in Interdisciplinary Studies. The program is administered through the Office of Interdisciplinary Studies and the Women’s Studies Program in the College of Arts and Humanities.

Admission Requirements

■ None

Degree Requirements

■ Students who change degree programs and select this major must adopt the most current catalog.

■ Students must have declared an Interdisciplinary Studies major - Women’s Studies track at least one semester before graduation.

■ Independent study forms must be approved by the director prior to taking an independent study or internship for use in the Interdisciplinary Studies areas. Non-approved independent studies will not be counted towards the major.

■ Co-op credit cannot be used in this track.

■ Students must earn at least a “C” (2.0) in each restricted elective course.

■ Students must consult with an Interdisciplinary Studies adviser when entering the degree program and regularly thereafter.

■ Courses designated in 1. (General Education Program) and 2. (Common Program Prerequisites) are usually completed in the first 60 hours.

■ Students wishing to earn an Interdisciplinary Studies degree as a double degree, double major, or second degree, must complete all fifty-four credits exclusive of credits done for the other degree(s) and/or major(s), including any minors associated with that degree.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
D: Social Foundations (6 hrs)
E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)

■ None

3. Core Requirements: Basic Level

■ None

4. Core Requirements: Advanced Level

■ None

5. Restricted Electives (36 hrs)

■ Students must complete either the Womanist/Women of Color subject area or the Women’s Studies Cognate subject area to satisfy the First Study Area.

■ Students must complete one subject area from those specified in the Second Study Area below.

■ Students must take a minimum of 18 hours of approved courses in each selected subject area (excluding GEP courses).

■ Students are required to take a minimum of 18 UCF hours, as well as 18 upper division hours, in the two areas combined.

First Study Area - Womanist/Women of Color 18 hrs Area

■ Take 18 hours from either the Womanist/Women of Color Area or from the Women’s Studies Cognate Area

WST 3460 Women, Race and Struggle 3 hrs

Select 5: 15 hrs

AML 3614 Topics in African-American Literature or 3 hrs
ASH 4304 Women in China or 3 hrs
AML 3682 Ethnic Literature in America 3 hrs
Other courses approved by the Interdisciplinary Studies Advising Team

First Study Area - Women’s Studies Cognate 18 hrs Area

■ Take 18 hours from either the Womanist/Women of Color Area or from the Women’s Studies Cognate Area

Select 6: 18 hrs

Take 18 hours from either the Womanist/Women of Color Area or from the Women’s Studies Cognate Area

Second Study Area (from those below) 18 hrs Area

■ See the Interdisciplinary Studies Advising Teams for details regarding each area: Arts, Behavioral and Social Sciences, Commerce, Communication, Computational Sciences, Education, Engineering, Health, Humanities, Letters and Modern Languages, Life/Biomedical, Physical Sciences, Public Affairs.

6. Capstone Requirements

■ None

7. Foreign Language Requirements

Admissions

■ Met by graduation requirement
International and Global Studies (B.A.)

College of Sciences
Department of Political Science, Howard Phillips Hall, Room: 302
http://politicalscience.cos.ucf.edu
Email: politics@ucf.edu

Dr. Paul Vasquez
Phone: 407-823-2608

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog
- Co-op or internship credit cannot be used in this major without prior departmental approval
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF Department of Political Science
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours

Double major/dual degree policy in Political Science programs and minors:
- Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, with the exception of:
  - POS 2041 American National Government
  - POS 3073 Scope and Methods of Political Science
- Students who major in International and Global Studies, and minor in Political Science, shall not count more than one course toward both programs, except for the following course.
  - POS 2041 American National Government

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Prefer WOH 2012 World Civilization I
- Prefer WOH 2022 World Civilization II
- Required One course from GEP B.2 list

B: Cultural & Historical Foundations (9 hrs)
- Prefer INR 2002 International Relations-Theory and Practice
- Required One from GEP B.2 list

C: Mathematical Foundations (6 hrs)
- Math:
  - Prefer MGF 1106 Finite Mathematics or
  - Prefer MGF 1107 Explorations in Mathematics or
  - May substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics:
- Prefer STA 2015C Principles of Statistics or
- Prefer STA 1063C Basic Statistics Using Microsoft Excel or
- May substitute a more advanced STA course.

D: Social Foundations (6 hrs)
- Prefer POS 2041 American National Government
- Required One course from GEP B.2 list

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level (6 hrs)
- ECO 2013 Principles of Macroeconomics
- INR 2002 International Relations-Theory and Practice
- POS 2041 American National Government

4. Core Requirements: Advanced Level (15 hrs)
- CPO 3103 Comparative Politics
- GEO 3471 World Political Geography
- IDS 4315 Global Perspectives
- INR 4603 International Relations Theory
- POS 3703 Scope and Methods of Political Science
5. Restricted Electives (18 hrs)
- Note: Students must meet all prerequisites before taking these classes.
- Other courses may be substituted with the chair's approval.

Regional 9 hrs
- Select from the following listing:
  - CPO 3034 Politics of Developing Areas 3 hrs
  - CPO 3104 Politics of Western Europe 3 hrs
  - CPO 3403 Politics of the Middle East 3 hrs
  - CPO 3614 Politics of Eastern Europe 3 hrs
  - CPO 4062 Comparative Judicial Process 3 hrs
  - CPO 4074 Political Economy 3 hrs
  - CPO 4101 Politics of the European Union 3 hrs
  - CPO 4123 Government and Politics of Great Britain 3 hrs
  - CPO 4303 Comparative Latin American Politics 3 hrs
  - CPO 4514 Politics of East Asia 3 hrs
  - CPO 4553 Politics of Japan 3 hrs
  - CPO 4643 Government and Politics of Russia 3 hrs
  - CPO 4710 Women in Comparative Politics 3 hrs
  - INR 3250 Politics of Pan-Africanism 3 hrs

Functional 9 hrs
- Select from the following listing:
  - INR 3253 International Politics of Africa 3 hrs
  - INR 4030 Diplomacy 3 hrs
  - INR 4035 International Political Economy 3 hrs
  - INR 4054 Global Politics of Energy 3 hrs
  - INR 4060 Causes of War 3 hrs
  - INR 4074 Immigration Policy 3 hrs
  - INR 4075 Human Rights Policy 3 hrs
  - INR 4076 Global Drug Policy 3 hrs
  - INR 4084 Politics of International Terrorism 3 hrs
  - INR 4085 Women, Gender, and Globalization 3 hrs
  - INR 4102 American Foreign Policy 3 hrs
  - INR 4104 Topics and Cases in American Foreign Policy 3 hrs
  - INR 4114 American Security Policy 3 hrs
  - INR 4115 Strategic Weapons and Arms Control 3 hrs
  - INR 4224 Contemporary International Politics of Asia 3 hrs
  - INR 4243 International Politics of Latin America 3 hrs
  - INR 4304 Issues in International Public Policy 3 hrs
  - INR 4335 Coercion in International Politics 3 hrs
  - INR 4350 Global Environmental Politics 3 hrs
  - INR 4351 International Environmental Law 3 hrs
  - INR 4364 The Intelligence Community 3 hrs
  - INR 4401 International Law 3 hrs
  - INR 4404 Space Law 3 hrs
  - INR 4502 International Organizations 3 hrs
  - INR 4714 Politics of International Trade Policy 3 hrs
  - INR 4774 Military Space Policy 3 hrs
  - INR 4941 Internship 3 hrs
  - POS 3253 Contemporary Revolution and Political Violence 3 hrs
  - POS 3733 Designing Political Science Research 3 hrs
  - PUP 4503 Government and Science 3 hrs
  - PUP 4510 Space Policy 3 hrs

1 A maximum of 3 hours of Internship can be used.

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Met by graduation requirement

Graduation
- Proficiency equivalent to four semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.
- Internship Program: For students who excel, a limited number of internships may be available each semester for three to six hours of credit. Under the Internship Director, the student is typically placed in an office of local, state, or national government, a law office, or campaign headquarters.
- No more than 9 credits of a combination of Honors in the Major, Independent Study, and Internship may be counted toward the major in International and Global Studies, provided that no more than 50% of an Area be covered by such credits.

9. Additional Requirements
- None

10. Required Minors
- Select from the following minors (18 hours min)
- No more than one course may be used to fulfill both this major and the minor; students may not utilize the International and Global Studies minor to complete the degree requirements for the BA in International and Global Studies. The language and area studies minor requirement will be waived for students who double major in French, Latin American Studies, Spanish, or Modern Language Combination.
- Note: The International Business Minor is only available to Business majors.
- Asian Studies
- Diplomacy
- Economics
- European Studies
- French
- Human Communication
- International Business
- Italian
- Latin American Area Studies
- Middle Eastern Studies
- Military Science
- Spanish
- World Comparative Studies

11. Departmental Exit Requirements
- Maintain a minimum GPA of 2.0 in the major.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the department for information about the program and the HIM coordinator.

Related Programs
- Anthropology
- Economics
- History

Certificates
- None

Related Minors
- Anthropology
- Anthropology in Multicultural Studies
- Diversity and Social Inequality
- Economics
### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: 
  [http://www.oeas.ucf.edu/aic/academic_learning_compacts.htm](http://www.oeas.ucf.edu/aic/academic_learning_compacts.htm)

### Journalism (B.A.)

**College of Sciences**

**Nicholson School of Communication, NSC, Room: 143**

[http://communication.cos.ucf.edu](http://communication.cos.ucf.edu)

**Email:** journalism@ucf.edu

Dr. Kim Voss, Area Coordinator, kvoss@ucf.edu

Nicholson Academic Student Services, nassc@ucf.edu

Phone: 407-823-2681

#### Admission Requirements

- Students should apply to become Journalism majors only after completing all requirements for admission.
- Admission is based on multiple factors, not strictly GPA.
- Attain an overall minimum 2.5 GPA based on a minimum of 30 credit hours of college work. NOTE: Meeting the minimum GPA does not guarantee admission since students are admitted on a space available basis.
- Submit previously published journalistic work, if any.
- See a NSC advisor for additional admission criteria.
- Meet a grammar proficiency standard. Students must pass a grammar proficiency exam administered by UCF’s Testing Center unless they have AP or IB credit in English or an “A-” or better in both of the following courses:
  - ENC 1101 Composition I
  - ENC 1102 Composition II

#### Application Deadlines:

- October 1 to be admitted the next spring term
- February 1 to be admitted the next summer term
- June 1 to be admitted the next fall term

#### Degree Requirements

- Students who change degree programs (other than from Journalism Pending) and select this major must adopt the most current catalog.
- The Journalism faculty strongly recommend that majors work for a student newspaper.
- Journalistic majors may obtain an off-campus internship with a commercial newspaper, a magazine, or website.
- To receive credit for an internship, students must have a 2.5 GPA in their required major courses. Students with less than a 2.5 GPA will not be given academic internship credit.
- Students can enroll in a maximum of six hours of internship credit. However, the internships must be with different employers. Each internship must be approved by and supervised by a Journalism faculty advisor.
- A portfolio of representative work must be submitted to, and approved by, a faculty committee at least one semester before graduation. At least 75% of the work must be produced while at UCF.
- Co-op or internship credit cannot be used in this major without prior approval.
- Students should consult with a school advisor.
- Of the 120 hours required for graduation, 80 hours must be taken outside of the disciplines represented within the Nicholson School of Communication.
- Of these 80 hours, 56 must be taken in the liberal arts (i.e. within the College of Arts & Humanities or the College of Sciences).
- To ensure completion within 120 hours and to comply with the 80 hour rule, no more than 40 (or 43 if a GEP speech class was taken at UCF) of the 120 hours may be taken within the Nicholson School of Communication.
- Journalism majors must select their required minor from outside the Nicholson School of Communication to remain below the 40 credit hour school maximum.

---

### Plan of Study (120 hrs)

- One of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Math, take Math Placement Test ~
  - Restricted Elective
  - Free Elective
  - Elective / Minor

#### Freshman Year - Fall

- **16 hrs**
  - POS 2041 American National Government 3 hrs
  - ENC 1101 Composition I 3 hrs
  - WOH 2012 World Civilization I 3 hrs
  - GEP-Math 3 hrs
  - Foreign Language 4 hrs

#### Freshman Year - Spring

- **16 hrs**
  - INR 2002 International Relations-Theory and Practice 3 hrs
  - WOH 2022 World Civilization II 3 hrs
  - ENC 1102 Composition II 3 hrs
  - STA 2014C Principles of Statistics 3 hrs
  - Foreign Language 4 hrs

#### Sophomore Year - Fall

- **15 hrs**
  - POS 3703 Scope and Methods of Political Science 3 hrs
  - GEO 3471 World Political Geography 3 hrs
  - ECO 2013 Principles of Macroeconomics 3 hrs
  - Foreign Language 3 hrs
  - GEP 3 hrs

#### Sophomore Year - Spring

- **15 hrs**
  - GPO 3103 Comparative Politics 3 hrs
  - IDS 4315 Global Perspectives 3 hrs
  - INR 4603 International Relations Theory 3 hrs
  - Foreign Language 3 hrs
  - GEP 3 hrs

#### Junior Year - Fall

- **15 hrs**
  - Restricted Elective 3 hrs
  - Restricted Elective 3 hrs
  - GEP 3 hrs
  - Elective / Minor 3 hrs
  - Free Elective 3 hrs

#### Junior Year - Spring

- **15 hrs**
  - Restricted Elective 3 hrs
  - GEP 3 hrs
  - Elective / Minor 3 hrs
  - Elective / Minor 3 hrs
  - Free Elective 3 hrs

#### Senior Year - Fall

- **14 hrs**
  - Restricted Elective 3 hrs
  - Restricted Elective 3 hrs
  - GEP 3 hrs
  - Elective / Minor 3 hrs
  - Free Elective 2 hrs

#### Senior Year - Spring

- **12 hrs**
  - Restricted Elective 3 hrs
  - Elective / Minor 3 hrs
  - Elective / Minor 3 hrs
  - Free Elective 3 hrs
UCF Degree Programs

- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Nicholson School of Communication.
- The Journalism program follows the Society of Professional Journalists Code of Ethics. Students who violate the code (plagiarizing, cheating or fabricating, for example) may be removed from the program.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   Composition: Complete both courses. 6 hrs
   Required ENC 1101 Composition I and 3 hrs
   Required ENC 1102 Composition II 3 hrs
   Speech: Select one of the following. 3 hrs
   Required SPC 1608 Fundamentals of Oral Communication or
   Suggested SPC 1603C Fundamentals of Technical Presentations 3 hrs

2. Common Program Prerequisites (CPP) (24 hrs)
   Group 1: Select a course from group 1. 3 hrs
   Prefer AMH 2010 U.S. History: 1492-1877 or 3 hrs
   Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
   Group 2: Select a course from group 2. 3 hrs
   Group 3: Select a third course from either group 1 or 2. 3 hrs

3. Core Requirements: Basic Level (12 hrs)
   Grammar Proficiency must be satisfied before enrolling in JOU 2100C.
   These courses may be completed before acceptance into the program.
   All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken along with the following:
   Core: Required, satisfies the CPP
   SPC 1608 Fundamentals of Oral Communication or GEP/CPP
   SPC 1603C Fundamentals of Technical Presentations GEP/CPP
   Core: Additional requirements 12 hrs
   Must earn at least a “C” (2.0) in these courses in order to enroll in subsequent courses.
   JOU 2100C News Reporting and 3 hrs
   JOU 3004 History of American Journalism and 3 hrs

4. Core Requirements: Advanced Level (6 hrs)
   These courses may be completed either before or after acceptance into the program.
   Must earn at least a “C” (2.0) in these courses in order to enroll in subsequent courses.
   JOU 4700 Journalism Ethics 3 hrs
   MMC 3200 Mass Communication Law 3 hrs

5. Restricted Electives (18 hrs)
   These courses can only be completed after acceptance into the program.
   Writing/Editing: Select from the following: 9 hrs
   JOU 3101 Advanced Reporting 3 hrs
   JOU 3130 In-Depth Reporting 3 hrs
   JOU 3184C Metro Reporting 3 hrs
   JOU 3201 Editing I 3 hrs
   JOU 3202 Editing II 3 hrs
   JOU 3313C Sports Reporting 3 hrs
   JOU 4181 Public Affairs Reporting 3 hrs
   JOU 4224 Magazine Editing and Production 3 hrs
   JOU 4300 Feature Writing 3 hrs
   JOU 4306C Critical Writing 3 hrs
   JOU 4308 Freelance Writing 3 hrs
   JOU 4941 Internship 3 hrs
   Internships must be approved in advance by the Journalism Area Coordinator
   Visual Journalism: Select from the following: 9 hrs
   JOU 3510 Magazine Publishing 3 hrs
   JOU 4211C Informational Graphics 3 hrs
   JOU 4213C Page Design 3 hrs
   JOU 4340C Online Journalism I 3 hrs
   JOU 4341C Online Journalism II 3 hrs
   JOU 4342C Multimedia Journalism 3 hrs
   PGY 3610C Photojournalism I 3 hrs
   PGY 3620C Photojournalism II 3 hrs
   PGY 3630 Photojournalism III 3 hrs
   JOU 4941 Internship 3 hrs
   Internships must be approved in advance by the Journalism Area Coordinator

6. Capstone Requirements
   None

7. Foreign Language Requirements
   Admissions
   Met by graduation requirement
   Graduation
   Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.
   Eight credits of American Sign Language (ASL) can satisfy this requirement for students graduating under this catalog; however it will not count toward the 56 hour Liberal Arts requirement. Consult with the NSC advising staff to understand how choosing ASL impacts hours needed to graduate.
   8. Electives
   Select primarily from upper level courses, with school advisor’s approval. Must be from outside of the Nicholson School of Communication in order to not exceed the 40 credit hour cap. The majority of electives should be taken in the Liberal Arts and Sciences to comply with the 56 hour Liberal Arts requirement.

9. Additional Requirements
   None

10. Required Minors
   Journalism majors must complete an 18 hour minor in an academic area outside of the Nicholson School of Communication. When no official minor is offered, students may complete an 18-credit-hour area of concentration approved by the Area Coordinator.
The minor must be from outside of the Nicholson School of Communication in order to not exceed the 40 credit hour cap.

11. Departmental Exit Requirements
- Acceptance of portfolio by faculty.
- To avoid delaying graduation, you must request a review of requirements before registering for your last term.
- Achieve a "C" (2.0) or better average GPA in Nicholson School of Communication courses used to satisfy the major.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- Earning 60 semester hours earned after CLEP awarded
- Earning 48 semester hours of upper division credit completed
- Completing 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- English - Creative Writing
- English - Technical Communication

Certificates
- None

Related Minors
- NOTE: Minors taught within the Nicholson School of Communication are not open to Journalism majors.
- English - Creative Writing
- English - Linguistics
- English - Literature
- English - Technical Communication
- Writing and Rhetoric
- History
- Magazine Journalism
- Political Science
- Sociology

Advising Notes
- It is the student’s responsibility to ensure that course prerequisites have been satisfied before registering for a class.
- Students are urged to contact their school advisor before registering for courses.

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- One of numerous possible plans of study. See program description for all requirements. Consult a school advisor for alternate, new or more appropriate selections.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult an advisor to determine if you are exempt.

Freshman Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP-Math</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Freshman Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP-Stat or CS</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Sophomore Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 2004</td>
<td>Mass Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Sophomore Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 2100C</td>
<td>News Reporting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 3004</td>
<td>History of American Journalism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3200</td>
<td>Mass Communication Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 3015</td>
<td>Principles of Journalism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JOU 4700</td>
<td>Journalism Ethics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Summer
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective-Internship</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Senior Year - Fall
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submit Journalism Portfolio</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Senior Year - Spring
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>4 hrs</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oesas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oesas.ucf.edu/alc/academic_learning_compacts.htm)

Equipment Fees
- Part-Time Student: $22 per term
- Full-Time Student: $44 per term

Latin American Studies (B.A.)

College of Arts and Humanities

Program in Latin American Studies,

Colbourn Hall, Room: 122
Dr. Consuelo Stebbins, Interim Director, stebbins@ucf.edu
Donna Mercado, Senior Admissions Specialist, Donna.Mercado@ucf.edu
Phone: 407-823-1173

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without previous approval by the program director.
- Students must earn at least a "C" (2.0) in each required course.
- Students should consult with the program director or advisor.
- Program Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken at UCF.
UCF Degree Programs

- Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Prefer COM 1000 Introduction to Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Prefer ARH 2050 History of Western Art I 3 hrs
- Select 2 Courses From B.1 Based On Area Selections 6 hrs

C: Mathematical Foundations (6 hrs)
- Prefer STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- Select 1: 3 hrs
  - Suggested MGF 1106 Finite Mathematics or MGF 1107 Explorations in Mathematics 3 hrs

D: Social Foundations (6 hrs)
- Prefer POS 2041 American National Government 3 hrs
- Prefer ANT 2000 General Anthropology 3 hrs

E: Science Foundations (6 hrs)
- Prefer ANT 2511 The Human Species 3 hrs
- Select 1 course from E.1 3 hrs

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level (3 hrs)
- LAS 3002 Topics in Latin American Studies 3 hrs

4. Core Requirements: Advanced Level (12 hrs)
- GEA 4405 Geography of Latin America 3 hrs
- LAH 3200 Modern Latin America 3 hrs
- LAH 3101 Latin American Popular Culture 3 hrs
- LAH 4023 African Caribbean Experience 3 hrs

5. Restricted Electives (21 hrs)
- Restricted electives are divided into two areas of emphasis. Students must take a minimum of 12 credit hours in the first area of emphasis and 9 additional credit hours in the second area of emphasis.
- Students may not use more than 9 credit hours of courses with the same prefix within the first area of emphasis or more than 6 credit hours of courses with the same prefix within the second area of emphasis.
- Note that this is not an exhaustive list of course options. Other courses with a focus on either Latin America or the Caribbean can be accepted with prior written authorization from the Program Director.

Area One: 12 hrs

Anthropology
- ANT 3160 Americas Before Columbus 3 hrs
- ANT 3161 Archaeology of Mexico 3 hrs
- ANT 3163 Mesoamerican Archaeology 3 hrs
- ANT 3164 Ancient Incas 3 hrs
- ANT 3165 Archaeology of South America 3 hrs
- ANT 3168 Maya Archaeology 3 hrs
- ANT 3319 Slavery, Resistance, and Cultural Dynamics Among African People in the Americas 3 hrs
- ANT 3330 Cultural Ecology of Amazonia 3 hrs
- ANT 4266 Economic Anthropology: Production, Consumption, and Exchange 3 hrs
- ANT 4340 Caribbean Cultures 3 hrs
- ANT 3177 Archaeology of Caribbean Piracy 3 hrs
- ANT 4332 People and Cultures of Latin America 3 hrs

History
- LAH 3130 Latin American History I 3 hrs
- LAH 3400 History of Mexico and Central America 3 hrs
- LAH 3470 History of the Caribbean 3 hrs
- LAH 4136 Colonial Florida 3 hrs
- LAH 4512 Modern Argentina 3 hrs
- LAH 4461 History of Puerto Rico 3 hrs
- LAH 4480 History of Cuba 3 hrs
- LAH 4742 The Mexican Revolution 3 hrs
- LAH 4780 Poverty and Development in Latin America 3 hrs

Spanish and Spanish Literature
- Students can choose from the extensive listing of upper level SPN and SPW courses. The student should give preference to those courses related to Latin American culture and civilization. No more than six (6) hours can overlap between the LAS major and the minor.

Area Two: 9 hrs
- (Select no more than 6 credit hours of courses with the same prefix)

Art History
- ARH 2051 History of Western Art II 3 hrs
- ARH 3670 20th Century Latin American Art 3 hrs
- ARH 3673 Modern Art of Mexico 3 hrs
- ARH 3674 Latin American Popular Visual Culture 3 hrs
- ARH 4653 Meso American Art 3 hrs

English
- AML 3615 Harlem, Haiti, and Havana 3 hrs
- AML 3682 Ethnic Literature in America 3 hrs
- AML 4630 Latino/Latina Literature 3 hrs
- LIT 3192 Caribbean Literature 3 hrs
- LIT 3381 Women Writers of Color 3 hrs
- LIT 3823 Hispanic Women Writers 3 hrs
- LIT 3368 Magical Realism in Literature 3 hrs

Humanities
- HUM 3460 Latin American Humanities 3 hrs

International Relations
- INR 4243 International Politics of Latin America 3 hrs
- INR 4074 Immigration Policy 3 hrs
- INR 4076 Global Drug Policy 3 hrs

Latin American Studies
- See LAS Advisor for offerings.

Politics
- CPO 3034 Politics of Developing Areas 3 hrs
- CPO 3103 Comparative Politics 3 hrs
- CPO 4074 Political Economy 3 hrs
- CPO 4794 Indigenous Politics and the Environment 3 hrs
- CPO 4303 Comparative Latin American Politics 3 hrs

Public Policy
- PUP 3314 Minorities in American Politics 3 hrs

6. Capstone Requirements
- Required Experiential Learning (capstone experience, 0 - 3 hrs):
  - Students are required to complete a study or work experience in Latin American Studies. This may be fulfilled through participation in any one of the following:
    1. A formal study-abroad program on Latin America of at least 45 contact hours equaling three (3) hours of academic credit or a Program Director approved program in the United States or its territories with Hispanic populations. Up to three (3) hours of academic Independent Study, and/or Internship credit is available with Program Director’s prior approval.
    2. Students may also elect to complete three hours of upper division credit in an indigenous language such as Yucatec Maya, Nahualt, or Quechua. As the latter languages are currently not taught at UCF, interested students would need to enroll in an off-campus program.
    3. At the discretion of the Program Director, prior life, study, or work experience may be considered as satisfying this experiential learning requirement.

7. Foreign Language Requirements

Admissions
- Foreign Language Requirement: (0 - 14 hrs)
- LAS majors will have a proficiency equivalent to four semesters of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures. Spanish or Portuguese preferred, although other Latin American languages may be acceptable with prior written consent of the LAS program director. Standardized examinations for foreign languages may be used to meet the requirement.
### Graduation

- None

### 8. Electives

- **Variable**
  - Select primarily from upper level courses after meeting with the program advisor. Courses may be outside the department.

### 9. Additional Requirements

- None

### 10. Required Minors

- **Required Minors:** 18 hrs (minimum)
- LAS majors cannot minor in Latin American Studies. A second major can satisfy the minor requirement with prior consent of Program Director. The LAS minor will continue to be available to non-LAS majors.
- Students will select a minor in consultation with the LAS Program Director or advisor. No more than six (6) hours can overlap between the major and the minor.

### 11. Departmental Exit Requirements

- None

### 12. University Minimum Exit Requirements

- **A 2.0 UCF GPA**
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required

- 120

### Honors In Major

- None

### Related Programs

- **Anthropology**
- **History**
- **Political Science**
- **Modern Language Combination**
- **Art - History Track**
- **Interdisciplinary Studies**

### Certificates

- None

### Related Minors

- Students will select a minor in consultation with the LAS Program Director. No more than six (6) hours can overlap between the major and the minor.

### Advising Notes

- None

### Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses

- None

### Plan of Study

#### Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000 General Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>SPN 1120C Elementary Spanish Language and Civilization I</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1106 Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>POS 2041 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>SPN 1121C Elementary Spanish Language and Civilization II</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Freshman Year - Summer

- Elective 3 hrs
- Elective 3 hrs

### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1000 Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPN 2200 Intermediate Spanish Language and Civilization</td>
<td>3</td>
</tr>
<tr>
<td>GEP Course in Cultural &amp; Historical Foundations from B.1</td>
<td>3</td>
</tr>
<tr>
<td>GEP Course in Science Foundation</td>
<td>3</td>
</tr>
</tbody>
</table>

### Sophomore Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050 History of Western Art I</td>
<td>3</td>
</tr>
<tr>
<td>GEP Course in Cultural &amp; Historical Foundations From B.1</td>
<td>3</td>
</tr>
<tr>
<td>GEP Course in Science Foundation</td>
<td>3</td>
</tr>
<tr>
<td>LAS 3002 Topics in Latin American Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

### Sophomore Year - Summer

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAS 3955 Study Abroad</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

### Junior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEA 4405 Geography of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>Two courses from first area of emphasis</td>
<td>6</td>
</tr>
<tr>
<td>LAS 4023 African Caribbean Experience</td>
<td>3</td>
</tr>
</tbody>
</table>

### Junior Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAH 3200 Modern Latin America</td>
<td>3</td>
</tr>
<tr>
<td>One course from first area of emphasis</td>
<td>3</td>
</tr>
<tr>
<td>One course from second area of emphasis</td>
<td>3</td>
</tr>
<tr>
<td>LAS 3101 Latin American Popular Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

### Junior Year - Summer

- Elective 3 hrs
- Elective 3 hrs

### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course from first area of emphasis</td>
<td>3</td>
</tr>
<tr>
<td>One course from second area of emphasis</td>
<td>3</td>
</tr>
<tr>
<td>Course in Minor</td>
<td>3</td>
</tr>
<tr>
<td>Course in Minor</td>
<td>3</td>
</tr>
</tbody>
</table>

### Senior Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course from second area of emphasis</td>
<td>3</td>
</tr>
<tr>
<td>LAS 4906 Directed Independent Study</td>
<td>1</td>
</tr>
<tr>
<td>Course in Minor</td>
<td>3</td>
</tr>
<tr>
<td>Course in Minor</td>
<td>3</td>
</tr>
</tbody>
</table>

### Senior Year - Summer

- Elective 3 hrs
- Elective 3 hrs

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

### Legal Studies (B.A. / B.S.)

#### College of Health and Public Affairs

#### Department of Legal Studies,

#### Health and Public Affairs, Room: 343

**http://www.cohipa.ucf.edu/legalstudies/index.shtml**

**Email:** legalstudies@ucf.edu

Dr. David Slaughter

Phone: 407-823-1670

The Legal Studies Program provides students with a broad understanding of basic principles of law and the role and function of the legal system. While no specific major is prescribed for admission to law school, many pre-law students elect to major in legal studies. The legal studies program, in addition to preparing students for law-related careers, provides a foundation for law school or other graduate education. All of the full time Legal Studies faculty are attorneys who are graduates of ABA approved law schools and are available for law school advising. Pre-law students are encouraged to work closely with legal studies advisors in planning their programs. Satisfactory completion of program requirements leads to the degree of Bachelor of Arts or Bachelor of Science with a major in Legal Studies. Students must complete a minimum of four face-to-face Legal Studies courses in order to be eligible for Florida Paralegal Certification.
Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor.
- The courses designated in section 1 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- 33 hours of PLA coursework must be taken at UCF.
- 2.0 in all PLA work at UCF and overall.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- C: Mathematical Foundations (6 hrs)
- D: Social Foundations (6 hrs)
- E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (18 hrs)
- All core requirements must be completed with a minimum grade of "C" (2.0) to satisfy the major.
- PLA 3014 Law and the Legal System 3 hrs
- PLA 3108 Legal Research 3 hrs
- PLA 3155 Legal Writing 3 hrs
- PLA 3205 Civil Practice and Procedure 3 hrs
- PLA 3615 Property and Real Estate Law 3 hrs
- PLA 4703 Professional Ethics and Liability 3 hrs

5. Restricted Electives (30 hrs)

Upper Division Restricted Electives 21 hrs
- 21 additional hours of Legal Studies coursework selected in consultation with an advisor.

Supporting Courses 9 hrs
- Students pursuing the B.A. degree must complete nine semester hours of supporting courses chosen with the approval of the student's advisor. Students pursuing the B.S. degree must complete 15 hours of supporting courses chosen with the approval of the student's advisor.

Specializations
- Students may earn a specialization within the general program of study. The specializations do not substitute for the general legal studies degree requirements; they are earned within the general program by selecting particular courses to satisfy the legal studies restricted electives and supporting courses requirements. Students are not required to declare a specialization. The following specializations are offered:
  - A student may earn a maximum of two specializations. Specific course requirements are available at the department office or from the student's advisor.

6. Capstone Requirements (3 hrs)
- Capstone must be completed with a minimum grade of "C" (2.0) to satisfy the major.
- PLA 4935 Capstone: Legal Issues 3 hrs

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level.

8. Electives
- If students chose the following electives, they must complete them with a minimum grade of a "C" (2.0): PLA 4020, PLA 4240, PLA 4910.

9. Additional Requirements

- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Students must take a minimum of 33 hours of PLA courses at UCF. The total semester hours required is 120.
- Second Bachelor's degree students must complete a minimum of 30 credit hours of Legal Studies (PLA) coursework after being admitted as a second degree seeking student.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students should consult with their faculty advisor.

Related Programs

- Criminal Justice
- History
- Political Science
- Public Administration
- Sociology
- Business Administration

Certificates
- Public and Professional Writing

Related Minors

- Business
- Criminal Justice
- Crime, Law, and Deviance
- Political Science
- Public Administration
- Sociology
- Writing and Rhetoric

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

Freshman Year - Fall 14 hrs
- ENC 1101 Composition I 3 hrs
- MGF 1106 Finite Mathematics 3 hrs
- PAF 2102 Public Affairs Careers 2 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or 3 hrs
- SYG 2000 Introduction to Sociology 3 hrs

Select 1: 3 hrs
- BSC 1005 Biological Principles or 3 hrs
- MCB 1310 Introduction to Biotechnology and Genetic Engineering 3 hrs
### UCF Degree Programs

**Management (B.S.B.A.)**  
College of Business Administration  
Department of Management,  
Business Administration II, Room: 101  
Phone: 407-823-2184

Not eligible for a double degree with another College of Business Administration major.

#### Admission Requirements
- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System institution.
- See Common Program Prerequisites

#### Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each Common Program Prerequisites class.
- Students wanting to major in Management must apply for admission to the major.
- Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- Students must earn at least a 2.0 GPA in the major and COB.
- Students in the Management major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000 level or higher Management, Entrepreneurship, and Human Resources courses taken at UCF. Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on lack of progress in the major.
- Lack of Progress in the major will continue until such time as the student’s cumulative GPA in all Management, Entrepreneurship, and Human Resources courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Management, Entrepreneurship, and Human Resources courses in the subsequent term, that student will be dropped as a Management major. A student who is dropped may seek re-admittance as a Management major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a Management, Entrepreneurship, and Human Resources GPA of 2.0 or higher. Re-admittance is not automatic.
- Students majoring in Management must earn a grade of “C” (2.0) or better in the following courses and each course applied towards the major:  
  - MAN 3025 Management of Organizations 3 hrs  
  - MAN 4720 Strategic Management 4 hrs

#### 1. UCF General Education Program (GEP)

<table>
<thead>
<tr>
<th>A: Communication Foundations</th>
<th>36 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td>9 hrs</td>
</tr>
<tr>
<td>C: Mathematical Foundations</td>
<td>6 hrs</td>
</tr>
<tr>
<td>D: Social Foundations</td>
<td>6 hrs</td>
</tr>
</tbody>
</table>

**Select 1:** 3 hrs

- Required ANT 2000 General Anthropology or 3 hrs
- Required PSY 212 General Psychology or 3 hrs
- Required SYG 2000 Introduction to Sociology 3 hrs

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oes.ucf.edu/alc/academic_learning_compacts.htm](http://www.oes.ucf.edu/alc/academic_learning_compacts.htm)

#### Freshman Year - Spring 15 hrs
- ENC 1102 Composition II 3 hrs
- CGS 1060C Introduction to Computers 3 hrs
- Free Elective 3 hrs

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013 Principles of Macroeconomics or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>POS 2041 American National Government or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>ECO 2023 Principles of Microeconomics 3 hrs</td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year - Fall 16 hrs
- PLA 3014 Law and the Legal System 3 hrs
- Free Elective 3 hrs
- Elective / Minor 3 hrs

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050 History of Western Art I or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>ARH 2051 History of Western Art II or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUL 2010 Enjoyment of Music or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>THE 2000 Theatre Survey or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>REL 2300 World Religions or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>Phi 2010 Introduction to Philosophy or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>LIT 2110 World Literature I or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>LIT 2120 World Literature II or 3 hrs</td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year - Spring 16 hrs
- PLA 3014 Law and the Legal System 3 hrs
- Free Elective 3 hrs
- Elective / Minor 3 hrs

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 2000 Western Civilization I or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>HUM 2210 Humanistic Tradition I or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>AMH 2010 U.S. History: 1877-1877 or 3 hrs</td>
<td></td>
</tr>
<tr>
<td>Foreign Language I or BS option 4 hrs</td>
<td></td>
</tr>
</tbody>
</table>

#### Junior Year - Fall 15 hrs
- PLA 3108 Legal Research 3 hrs
- PLA 3205 Civil Practice and Procedure 3 hrs
- Restrictive Elective 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs

#### Junior Year - Spring 15 hrs
- PLA 3155 Legal Writing 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs

#### Senior Year - Fall 15 hrs
- PLA 3615 Property and Real Estate Law 3 hrs
- PLA 4703 Professional Ethics and Liability 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Internship or Restricted Elective 3 hrs

#### Senior Year - Spring 15 hrs
- PLA 4935 Capstone: Legal Issues 3 hrs
- Restricted Elective 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Internship or Restricted Elective 3 hrs

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oes.ucf.edu/alc/academic_learning_compacts.htm](http://www.oes.ucf.edu/alc/academic_learning_compacts.htm)
UCF Degree Programs

Select 1:  
- 3 hrs
  - Prefer ECO 2031 Principles of Macroeconomics or 3 hrs
  - Prefer ECO 2023 Principles of Microeconomics 3 hrs

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (18 hrs)
- Must be completed with a “C” 2.0 or better
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

ACG 2021 Principles of Financial Accounting 3 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
CGS 2100C Computer Fundamentals for Business 3 hrs
ECO 2013 Principles of Macroeconomics 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select one of the following sequences of courses:
- Students who have not completed both MAC 2233 and STA 2023 with a “C” (2.0) or better must take ECO 3401.

ECO 3401 Quantitative Business Tools I 3 hrs
or
- 1 MAC 2233 Concepts of Calculus and 3 hrs
- STA 2023 Statistical Methods I 3 hrs

3. Core Requirements: Basic Level

- None

4. Core Requirements: Advanced Level (29 hrs)
- 1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr

GEF 3003 Career Research & Planning 1 hr
GEF 3005 Career Search Strategy 1 hr
BUL 3100 Legal and Ethical Environment of Business 3 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
FIN 3403C Business Finance 3 hrs
GEF 3376 Introduction to International Business 3 hrs
MAN 3223 Management of Organizations 3 hrs
MAR 3203 Marketing 3 hrs
MAR 3203 Supply Chain and Operations Management 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr
GEB 4004 Executing Your Career Plan 1 hr

1 Required in 1st or 2nd semester
2 Required to be taken with GEB 3031

5. Restricted Electives (24 hrs)
- Within the Management major, students can concentrate in 3 areas of study. Courses for each are outlined below:

Human Resource Management Track 24 hrs
Required Courses 15 hrs
- MAN 3301 Management of Human Resources and 3 hrs
- MAN 4240 Organizations: Theory and Behavior and 3 hrs
- MAN 4320 Human Resources Recruitment and Selection and 3 hrs
- MAN 4330 Compensation Administration and 3 hrs
- MAN 4350 Training and Development 3 hrs

Restricted Elective Courses 9 hrs
- BUL 4540 Employment Law or 3 hrs
- GEB 3113 Creativity and Entrepreneurship or 3 hrs
- GEB 4110 Business Plan Preparation or 3 hrs
- GEB 4111 New Venture Finance or 3 hrs
- GEB 4435 Moral Foundations of Business or 3 hrs
- Any MAN Course 3 hrs

General Management Track 24 hrs
Required Courses 15 hrs
- MAN 3301 Management of Human Resources and 3 hrs
- MAN 3520 Quality & Productivity Management and 3 hrs
- MAN 4240 Organizations: Theory and Behavior and 3 hrs
- MAN 4441 Conflict Resolution and Negotiation and 3 hrs
- MAN 4701 Business Ethics and Society 3 hrs

Restricted Elective Courses 9 hrs
- BUL 4540 Employment Law or 3 hrs
- GEB 3113 Creativity and Entrepreneurship or 3 hrs
- GEB 4110 Business Plan Preparation or 3 hrs
- GEB 4111 New Venture Finance or 3 hrs

Entrepreneurship Track 24 hrs
Required Courses 15 hrs
- GEB 3113 Creativity and Entrepreneurship and 3 hrs
- GEB 4110 Business Plan Preparation and 3 hrs
- GEB 4111 New Venture Finance and 3 hrs
- MAN 4802 New Venture and Small Business and 3 hrs
- MAR 3765 Entrepreneurial Marketing 3 hrs

Restricted Elective Courses 9 hrs
- BUL 4540 Employment Law or 3 hrs
- GEB 4435 Moral Foundations of Business or 3 hrs
- Any MAN course 3 hrs

6. Capstone Requirements (4 hrs)
- MAN 4720 Strategic Management 4 hrs

- This course is taken in the graduating term and requires the following prerequisites:
- FIN 3403C Business Finance 3 hrs
- 1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- MAN 3025 Management of Organizations 3 hrs
- MAR 3023 Marketing 3 hrs
- 1 Required in 1st or 2nd semester
- 2 Must be taken with GEB 3031

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- (variable)

9. Additional Requirements
- Students must earn at least 60 credit hours of coursework outside of the College of Business (ECO 2013, 2023, 3401, and 3411 count towards this 60 hour requirement).

10. Required Minors
- None

11. Departmental Exit Requirements
- None

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Eligibility: Requirements for admission to the Honors in the Major program are: completion of at least 60 credit hours, completion of at least 12 upper division hours, at least a 3.5 GPA in the major, at least a 3.2 upper-division GPA, at least two semesters remaining prior to graduation.

Admission: Applications to the Honors in the Major program must be approved by the Associate Dean of the Honors College and the Management Department Chair.

Requirements: Students accepted into the Honors in the Major program must complete two honors courses (total of 6 credit hours) as follows:

Honors in Major Credit Requirements 6 hrs
Required Honors Reading Course 3 hrs
MAN 4003H Honors Directed Reading I or 3 hrs
MAN 4004H Honors Directed Reading II 3 hrs
Required Honors Thesis  
MAN 4970H Undergraduate Honors Thesis 3 hrs

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- A Business student who has completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Prior to registering for classes, students must coordinate with the college or school in which the student majors.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
- Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses
ACG 2021 Principles of Financial Accounting 3 hrs
may be substituted with: ACG X011
Plan of Study
- Must complete 9 hours in a summer semester.

Freshman Year - Fall 15 hrs
ENC 1101 Composition I 3 hrs
MAC 1105C College Algebra 3 hrs
ECO 2013 Principles of Macroeconomics 3 hrs
Cultural Foundation I 3 hrs
Elective 3 hrs

Freshman Year - Spring 15 hrs
ENC 1102 Composition II 3 hrs
CGS 2100C Computer Fundamentals for Business 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs
Social Foundation 3 hrs
Elective 3 hrs

Sophomore Year - Fall 15 hrs
ACG 2021 Principles of Financial Accounting 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
Science 3 hrs
Historical Foundation I 3 hrs
Elective 3 hrs

Sophomore Year - Spring 15 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
ECO 3401 Quantitative Business Tools I 3 hrs

Junior Year - Fall 16 hrs
MAN 3301 Management of Human Resources 3 hrs
MAN 4240 Organizations: Theory and Behavior 3 hrs
FIN 3403C Business Finance 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
GEB 3005 Career Search Strategy 1 hr
Elective 3 hrs

Junior Year - Spring 16 hrs
MAN 4320 Human Resources Recruitment and Selection 3 hrs
MAN 4350 Training and Development 3 hrs
ECD 3411 Quantitative Business Tools II 3 hrs
Restricted Elective 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr

Senior Year - Fall 16 hrs
MAN 4802 New Venture and Small Business Management 3 hrs
GEB 3113 Creativity and Entrepreneurship 3 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
GE 3005 Career Search Strategy 1 hr
Elective 3 hrs

Senior Year - Spring 16 hrs
GEB 4111 New Venture Finance 3 hrs
GEB 3763 Entrepreneurial Marketing 3 hrs
Restricted Elective 3 hrs
GE 3375 Introduction to International Business 3 hrs
GE 4223 Business Interviewing Techniques 1 hr
Restricted Elective 3 hrs

Entrepreneurship Track
Junior Year - Fall 14 hrs
GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
GE 3375 Introduction to International Business 3 hrs
MAN 3025 Management of Organizations 3 hrs
MAR 3023 Marketing 3 hrs
GE 3003 Career Research & Planning 1 hr

Senior Year - Spring 14 hrs
MAN 4802 New Venture and Small Business Management 3 hrs
GEB 3113 Creativity and Entrepreneurship 3 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
GE 3005 Career Search Strategy 1 hr
Elective 3 hrs

General Management Track
Junior Year - Fall 14 hrs
GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
GE 3375 Introduction to International Business 3 hrs
MAN 3025 Management of Organizations 3 hrs
MAR 3023 Marketing 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
Junior Year - Spring 16 hrs
MAN 3301 Management of Human Resources 3 hrs
MAN 3520 Quality & Productivity Management 3 hrs
FIN 3403C Business Finance 3 hrs
GEB 3375 Introduction to International Business 3 hrs
GEB 3005 Career Search Strategy 1 hr
Elective 3 hrs

Senior Year - Fall 16 hrs
MAN 4441 Conflict Resolution and Negotiation 3 hrs
MAN 4240 Organizations: Theory and Behavior 3 hrs
Restricted elective 3 hrs
Restricted elective 3 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr

Senior Year - Spring 14 hrs
MAN 4701 Business Ethics and Society 3 hrs
MAR 3203 Supply Chain and Operations Management 3 hrs
MAN 4720 Strategic Management 4 hrs
Restricted elective 3 hrs
GEB 4004 Executing Your Career Plan 1 hr

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $15 per term
- Full-Time Student: $30 per term

Marketing (B.S.B.A.)
College of Business Administration
Department of Marketing,
Business Administration II, Room: 101
http://www.bus.ucf.edu
Phone: 407-823-2184

Not eligible for a double degree with another College of Business Administration major.

Admission Requirements
- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.
- See Common Program Prerequisites

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class, and all prerequisites to marketing courses.
- Students wanting to major in Marketing must apply for admission to the major.
- Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- Students must earn at least a 2.0 GPA in the major and COB.
- Students in the Marketing major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000 level or higher Marketing and Supply Chain Management courses taken at UCF. Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on lack of progress in the major. Lack of Progress in the major will continue until such time as the student’s cumulative GPA in all Marketing and Supply Chain courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Marketing and Supply Chain courses in a subsequent term, that student will be dropped as a Marketing major. A student who is dropped may seek readmission as a Marketing major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a GPA of 2.0 or higher. Readmission is not automatic.
- Must complete all Gordon Rule requirements, prior to admission to this degree.
- Final exams will be given during Exam Week
- Students majoring in Marketing must earn a grade of “C” (2.0) or better in each course applied toward the major, and a 2.0 overall average in the major. The following is included in this requirement:
  MAR 3023 Marketing 3 hrs
  MAR 3203 Supply Chain and Operations Management 3 hrs

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
- Prefer SPC 1608 Fundamentals of Oral Communication

B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
- Required CGS 2100C Computer Fundamentals for Business

D: Social Foundations (6 hrs)
- Select 1:
  - Preferred ECO 2013 Principles of Macroeconomics or 3 hrs
  - Preferred ECO 2023 Principles of Microeconomics 3 hrs

Select 1:
- 3 hrs
- Suggested PSY 2012 General Psychology or 3 hrs
- Suggested ANT 2000 General Anthropology or 3 hrs
- Suggested SYG 2000 Introduction to Sociology 3 hrs

E: Science Foundations (6 hrs)
- 2. Common Program Prerequisites (CPP) (18 hrs)
- Must be completed with a “C” (2.0) or better
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- ACG 2021 Principles of Financial Accounting 3 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs

Select one of the following sequences of courses:
- Students who have not completed both MAC 2233 and STA 2023 with a “C” (2.0) or better can take ECO 3401.
- ECO 3401 Quantitative Business Tools I 3 hrs

or
- 1 MAC 2333 Concepts of Calculus and 3 hrs
- STA 2023 Statistical Methods I 3 hrs

1 Or MAC 2311 and MAC 2312

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (44 hrs)
- 1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3003 Career Research & Planning 1 hr
- GEB 3005 Career Search Strategy 1 hr
- BUL 3130 Legal and Ethical Environment of Business 3 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- FIN 3403C Business Finance 3 hrs
- GEB 3375 Introduction to International Business 3 hrs
- MAN 3025 Management of Organizations 3 hrs
- MAR 3023 Marketing 3 hrs
- MAR 3203 Supply Chain and Operations Management 3 hrs
- GEB 4223 Business Interviewing Techniques 1 hr
- GEB 4004 Executing Your Career Plan 1 hr

1 Required in 1st or 2nd semester
2 Required to be taken with GEB 3031
Required Courses 15 hrs
MAR 3391 Professional Selling 3 hrs
MAR 3503 Consumer Behavior 3 hrs
MAR 3613 Marketing Analysis and Research 3 hrs
MAR 4803 Marketing Management 3 hrs
MAR 4804 Marketing Strategy 3 hrs

5. Restricted Electives (9 hrs)

General Marketing
- Select a minimum of 3 courses from the following list of courses:
  - MAR 3323 Integrated Marketing Communication 3 hrs
  - MAR 3403 Sales Force Management 3 hrs
  - MAR 3641 Marketing Intelligence 3 hrs
  - MAR 3721 Digital Media Marketing 3 hrs
  - MAR 3765 Entrepreneurial Marketing 3 hrs
  - MAR 4156 International Marketing 3 hrs
  - MAR 4231 Retailing Management 3 hrs
  - MAR 4711 Sport Marketing 3 hrs
  - MAR 4712 Healthcare Marketing 3 hrs
  - MAR 4715 Entertainment Marketing 3 hrs
  - MAR 4941 Services Marketing 3 hrs
  - MAR 4934 Contemporary Marketing Topics in Florida 3 hrs
  - MAR 4941 Marketing Internship 3 hrs

Professional Selling Track 9 hrs
- Admission by department approval: Restricted to declared marketing majors. Requires submission of application by May 1. Department faculty committee will select a maximum of 40 professional selling track participants based on academic achievement, work experience, outside activities and leadership positions, and response to questions on the application form and interviews. Must have earned a grade of B- (2.75) or higher in the following course to apply:
  - MAR 3391 Professional Selling 3 hrs

Take all of the following: 9 hrs
- MAR 3403 Sales Force Management and 3 hrs
- MAR 4415C Advanced Professional Selling and 3 hrs
- MAR 4413C Strategic Issues in Sales-Lecture 3 hrs

6. Capstone Requirements (4 hrs)
- MAN 4720 Strategic Management 4 hrs

This course is taken in the graduating term and requires the following prerequisites:
- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- MAR 3023 Marketing 3 hrs
- MAN 3025 Management of Organizations 3 hrs
- FIN 3403C Business Finance 3 hrs

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives (Variable)

9. Additional Requirements
- Students in the Marketing major must maintain a 2.0 or higher cumulative Grade Point Average in all 3000-level or higher Marketing courses taken at UCF. Failure to maintain the required 2.0 Grade Point Average will result in the student being placed on lack of progress in the major. Lack of Progress in the major will continue until such time as the student’s cumulative GPA in all Marketing courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in Marketing courses in the subsequent term, that student will be dropped as a Marketing major. A student who is dropped may seek readmission as a Marketing major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a Marketing GPA of 2.0 or higher. Readmission is not automatic.
UCF Degree Programs

Cultural Foundation I 3 hrs
Elective 3 hrs

Freshman Year - Spring 15 hrs
ENC 1102 Composition II 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs
CGS 2100C Computer Fundamentals for Business 3 hrs
Social Foundation 3 hrs
Elective 3 hrs

Sophomore Year - Fall 15 hrs
ACG 2021 Principles of Financial Accounting 3 hrs
SPC 1608 Fundamentals of Oral Communication Science 3 hrs
Historical Foundation I 3 hrs
Elective 3 hrs

Sophomore Year - Spring 15 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
ECO 3401 Quantitative Business Tools I 3 hrs
Science 3 hrs
Elective 3 hrs

Junior Year - Fall 14 hrs
GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
GEB 3003 Career Research & Planning 1 hr
MAR 3023 Marketing 3 hrs
ECO 3411 Quantitative Business Tools II 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs

Junior Year - Spring 16 hrs
MAR 3391 Professional Selling 3 hrs
MAR 3503 Consumer Behavior 3 hrs
MAR 3613 Marketing Analysis and Research 3 hrs
MAN 3025 Management of Organizations 3 hrs
GEB 3005 Career Search Strategy 1 hr
Elective 3 hrs

Senior Year - Fall 16 hrs
MAR 4803 Marketing Management 3 hrs
FIN 3403C Business Finance 3 hrs
MAR 4415C Advanced Professional Selling 3 hrs
MAR 3403 Sales Force Management 3 hrs
GEB 3375 Introduction to International Business 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr

Senior Year - Spring 14 hrs
MAR 4804 Marketing Strategy 3 hrs
MAR 4413C Strategic Issues in Sales-Lecture 3 hrs
MAR 3203 Supply Chain and Operations Management 3 hrs
MAN 4720 Strategic Management 4 hrs
GEB 4004 Executing Your Career Plan 1 hr

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
Part-Time Student: $15 per term
Full-Time Student: $30 per term

Mathematics (B.S.)

College of Sciences
Department of Mathematics,
Math and Physics, Room: 207
http://math.ucf.edu

Admission Requirements
None

Degree Requirements
Students who change degree programs and select this major must adopt the most current catalog.
Departmental Residency Requirement: at least 24 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Mathematics Department.
Students must earn at least a "C" (2.0) in each course used to satisfy a requirement.
Co-op or internship credit cannot be used in this major.
Students should consult with a departmental advisor.
All prerequisites of courses taught within the College of Sciences will be enforced.
Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
All mathematics courses, except the following, must be either taken from, or approved by, the Department of Mathematics at UCF:
MAC 2311C Calculus with Analytic Geometry I 4 hrs
MAC 2312 Calculus with Analytic Geometry II 4 hrs
MAC 2313 Calculus with Analytic Geometry III 4 hrs
MAP 2302 Ordinary Differential Equations I 3 hrs

UNIVERSITY OF CENTRAL FLORIDA

248 Undergraduate Catalog 2014-2015
Note: the following courses will not satisfy any Math degree requirements:
MTG 4212 Modern Geometries 4 hrs
MHF 4404 History of Mathematics 3 hrs

1. UCF General Education Program (GEP) 38 hrs
   - (Note: Certain courses must be selected for this major, bringing GEP hours above 36)
   - Some concentrations require particular selections of courses in the GEP program. Please consult the desired concentration listed below.

A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (7 hrs)
   - Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
   - Required COP 3502C Computer Science I 3 hrs

D: Social Foundations (6 hrs)
   - 1. Depending on concentration, select 3 hrs
   - Required ECO 2023 Principles of Microeconomics or 3 hrs
   - Suggested POS 2041 American National Government 3 hrs

2. Select a listed course 3 hrs

E: Science Foundations (8 hrs)
   - Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
   - Suggested BSC 2010C Biology I 4 hrs

2. Common Program Prerequisites (CPP) 15 hrs
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - See Transfer Notes for possible substitutions of certain courses.

COP 3502C Computer Science I GEP
MAC 2311C Calculus with Analytic Geometry I GEP
MAC 2312 Calculus with Analytic Geometry II 4 hrs
MAC 2313 Calculus with Analytic Geometry III 4 hrs
MAP 2302 Ordinary Differential Equations I 3 hrs

- Select from the following: 4 hrs
  CHM 2045C Chemistry Fundamentals I and GEP/CPP
  - or
  CHM 2040 Chemistry Fundamentals IA and GEP
  CHM 2041 Chemistry Fundamentals IB GEP
  - or
  BSC 2010C Biology I GEP
  PHY 2048C Physics for Engineers & Scientists I GEP

3. Core Requirements: Basic Level 11 hrs
   - All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP
   - COP 3502C Computer Science I and GEP/CPP
   - MAC 2311C Calculus with Analytic Geometry I and GEP/CPP
   - MAC 2312 Calculus with Analytic Geometry II and CPP
   - MAC 2313 Calculus with Analytic Geometry III and CPP
   - MAP 2302 Ordinary Differential Equations I CPP

Basic Core: Additional requirements 4 hrs
   - MAS 3106 Linear Algebra 4 hrs
   - and depending on concentration, select 3 hrs
     - Can use for all Concentrations
       - MHF 3302 Logic and Proof in Mathematics 3 hrs
     - or acceptable in Computational Concentration:
       - COT 3100C Introduction to Discrete Structures 3 hrs

Select one Science sequence 4 hrs
   - Selection depends on the concentration selected
- Biology: 4 hrs
   - Satisfies the General, Economics, and Computational concentrations.
   - Required in Mathematical Biology Concentration
     - BSC 2010C Biology I and GEP/CPP
     - BSC 2011C Biology II 4 hrs
- Chemistry: 4 hrs
   - Satisfies the General, Economics, and Computational concentrations.
   - Required in Mathematical Biology Concentration
   - May substitute the two semester equivalent Chemistry courses for the first Chemistry course
     - CHM 2045C Chemistry Fundamentals I and GEP/CPP
     - CHM 2046 Chemistry Fundamentals II and 3 hrs
     - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- Physics: 4 hrs
   - Satisfies the General, Economics, and Computational concentrations.
   - Required in Mathematical Biology and Engineering Physics Concentration
     - PHY 2048C Physics for Engineers & Scientists I and GEP/CPP
     - PHY 2049C Physics for Engineers and Scientists II 4 hrs

4. Core Requirements: Advanced Level 7 hrs
   - Select any 4000 or 5000 level course with an MAA, MAD, MAS, prefix offered by the Department of Mathematics
   - Select any 4000 or 5000 level course with an MAP or MAT prefix offered by the Department of Mathematics

Select 1: 3 hrs
   - MAP 4384 Numerical Methods for Computational Sciences or 4 hrs
   - MAP 4113 Probability, Random Processes and Applications 4 hrs

5. Restricted Electives
   - Students must select one of the following five concentrations.

A. General Concentration 18 hrs
   - Select any 4000 or 5000 level courses offered by the Department of Mathematics
   - Select any 4000 or 5000 level with an MAP or MAT prefix offered by the Department of Mathematics
   - Any 4000 or 5000 level with an MAA, MAD, MAS, or MTG prefix offered by the Department of Mathematics except MTG 4212

B. Applied Mathematics Concentration 22 hrs
   - Take all of the following: 9 hrs
     - MAA 4402 Introduction to Complex Variables and 3 hrs
     - MAP 4341 Introduction to Partial Differential Equations and 3 hrs
     - MAP 4303 Ordinary Differential Equations II 3 hrs
   - Select 1: 3 hrs
     - 1 MAP 4384 Numerical Methods for Computational Sciences or 4 hrs
     - 2 MAP 4113 Probability, Random Processes and Applications 4 hrs
   - Select 1: 3 hrs
     - MAP 4103 Mathematical Modeling I or 3 hrs
     - MAP 4484 Mathematical Biology I 3 hrs

Select 1: 3 hrs
   - MAA 4226 Advanced Calculus I 3 hrs
   - MAS 4301 Abstract Algebra I 3 hrs

Select 1: 3 hrs
   - MAP 4371 Numerical Methods for Differential Equations or 3 hrs
   - MAP 4171 Optimization or 3 hrs
   - MAP 4371 Numerical Methods for Differential Equations or 3 hrs
   - MAD 4203 Introduction to Combinatorics 3 hrs

Note: 1 if MAP 4113 taken as part of the core
Note: 2 if MAP 4384 taken as part of the core
### C. Pure Mathematics Concentration 21 hrs

**Take all of the following:** 12 hrs  
MAA 4227 Advanced Calculus II and 3 hrs  
MAS 4302 Abstract Algebra II and 3 hrs  
MTG 4302 Introduction to Topology and 3 hrs  
MAA 4402 Introduction to Complex Variables 3 hrs

**Select 3:** 9 hrs  
MAA 4203 Introduction to Combinatorics or 3 hrs  
MA 4301 Introduction to Graph Theory or 3 hrs  
MAP 4303 Ordinary Differential Equations II or 3 hrs  
MAP 4341 Introduction to Partial Differential Equations or 3 hrs  
MA 5145 Advanced Linear Algebra and Matrix Theory or 3 hrs  
MTG 5256 Differential Geometry or 3 hrs  
MAP 4342 Partial Differential Equations II 3 hrs

### D. Mathematical Biology Concentration 33 hrs

Students are to have completed these courses 24 hrs in the GEP, CPP, or Core Requirements  
BSC 2010C Biology I and 4 hrs  
BSC 2011C Biology II and 4 hrs  
CHM 2046 Chemistry Fundamentals I and 3 hrs  
CHM 2046 Organic Chemistry I and 3 hrs  
CHM 2046L Chemistry Fundamentals Laboratory and 1 hr  
PHY 2048C Physics for Engineers & Scientists I and 4 hrs  
PHY 2049C Physics for Engineers and Scientists II 4 hrs

**Take all of the following:** 33 hrs  
CHM 2210 Organic Chemistry I and 3 hrs  
CHM 2211 Organic Chemistry II and 3 hrs  
MAP 4184 Mathematical Biology I and 3 hrs  
STA 2023 Statistical Methods I and 3 hrs  
STA 4321 Statistical Theory I and 3 hrs  
STA 4322 Statistical Theory II and 3 hrs  
Any 4000 or 5000 level course with an MAP or MAT prefix offered by the Department of Mathematics 3 hrs  
Any 4000 or 5000 level course with an MAA, MAD, MAS, or MTG prefix offered by the Department of Mathematics except MTG 4212 and 3 hrs  
Select from lecture courses listed in the restricted electives within the Biology and/or Biomedical Sciences programs 9 hrs

### E. Mathematical Economics Concentration 36 hrs

Students are to have completed this course in the GEP, CPP, or Core Requirements  
ECO 2023 Principles of Microeconomics 3 hrs  
ECO 2013 Principles of Macroeconomics and 3 hrs  
ECO 3101 Intermediate Microeconomics and 3 hrs  
ECO 3203 Intermediate Macroeconomics and 3 hrs  
ECO 3410 Mathematical Economics and 3 hrs  
ECO 4412 Econometrics and 3 hrs  
STA 2023 Statistical Methods I and 3 hrs  
STA 4321 Statistical Theory I and 3 hrs

**Select 3:** 9 hrs  
ECO 3703 International Microeconomics or 3 hrs  
ECO 4504 Public Economics or 3 hrs  
ECO 4713 International Macroeconomics or 3 hrs  
ECP 4303 Environmental and Natural Resource Economics or 3 hrs  
ECP 4403 Industrial Organization and Game Theory or 3 hrs  
STA 4322 Statistical Theory II 3 hrs

**Select 1:** 3 hrs  
MAP 4113 Probability, Random Processes and Applications or 4 hrs  
MAP 4384 Numerical Methods for Computational Sciences or 4 hrs  
MAP 4171 Optimization or 3 hrs  
MAP 4303 Ordinary Differential Equations II or 3 hrs  
MAP 4341 Introduction to Partial Differential Equations or 3 hrs  
MAP 4371 Numerical Methods for Differential Equations or 3 hrs

1 or the two semester equivalent

### F. Computational Concentration 39 hrs

Students are to have completed this course in the GEP, CPP, or Core Requirements  
COP 3502C Computer Science I 3 hrs

**Take all of the following:** 18 hrs  
COP 3503C Computer Science II and 3 hrs  
MAP 4303 Ordinary Differential Equations II and 3 hrs  
MAP 4341 Introduction to Partial Differential Equations and 3 hrs  
STA 2023 Statistical Methods I and 3 hrs  
STA 4321 Statistical Theory I and 3 hrs  
STA 4322 Statistical Theory II 3 hrs

**Select 1:** 3 hrs  
MAP 4371 Numerical Methods for Differential Equations or 3 hrs  
1 MAP 4384 Numerical Methods for Computational Sciences or 4 hrs

**Select from the following:** 18 hrs  
COP 3402 Systems Software or 3 hrs  
COP 4020 Programming Languages I or 3 hrs  
COP 4331C Processes for Object-Oriented Software Development or 3 hrs  
COP 4600 Operating Systems or 3 hrs  
COT 4210 Discrete Structures II or 3 hrs  
EEL 4768 Computer Architecture 3 hrs

2045C MAP 4341 Introduction to Partial Differential Equations 3 hrs

### G. Engineering/Physics Concentration 42 hrs

Students are to have completed the following to satisfy the GEP, CPP, or Core Requirements  
PHY 2048C Physics for Engineers & Scientists I and 4 hrs  
PHY 2049C Physics for Engineers and Scientists II 4 hrs

**Take all of the following:** 18 hrs  
EGN 3321 Engineering Analysis-Dynamics and 3 hrs  
MAA 4402 Introduction to Complex Variables and 3 hrs  
MAP 4103 Mathematical Modeling I and 3 hrs  
PHY 3101 Physics for Engineers and Scientists I and 3 hrs  
MAP 4303 Ordinary Differential Equations II and 3 hrs  
MAP 4341 Introduction to Partial Differential Equations 3 hrs

**Select 1:** 3 hrs  
MAP 4103 Mathematical Modeling I or 3 hrs  
MAP 4153 Vector and Tensor Analysis or 3 hrs  
MAP 4171 Optimization 3 hrs

2 Only if MAP 4384 taken as part of the core.

**Select 1:** 3 hrs  
MAP 4402 Introduction to Complex Variables or 3 hrs  
MAD 4203 Introduction to Combinatorics or 3 hrs  
MAD 4301 Introduction to Graph Theory 3 hrs

1 Only if MAP 4113 taken as part of the core.
Select at least 6 hours: 6 hrs
- CES 4100C Structural Analysis I and Lab or 4 hrs
- EAS 3101 Fundamentals of Aerodynamics or 3 hrs
- EEL 3004C Electrical Networks or 3 hrs
- EGM 3601 Solid Mechanics or 3 hrs
- EGN 3331 Mechanics of Materials or 3 hrs
- EIN 2002 Introduction to Industrial Engineering and Management Systems or 1 hr
- EML 4220 Vibration Analysis or 3 hrs
- ESI 4312 Operations Research or 3 hrs
- PHY 4604 Wave Mechanics I or 3 hrs
- PHY 4605 Wave Mechanics II or 3 hrs

Select at least 6 hours: 6 hrs
- CWR 3201 Engineering Fluid Mechanics or 3 hrs
- EAS 4105 Flight Mechanics or 3 hrs
- EAS 4200 Analysis & Design of Aerospace Structures or 3 hrs
- EAS 4400 Spacecraft Attitude Dynamics or 3 hrs
- EAS 4505 Orbital Mechanics or 3 hrs
- EEE 3342C Digital Systems or 3 hrs
- EGN 3355 Structure and Properties of Materials or 3 hrs
- EGN 3813 Engineering Economic Analysis or 2 hrs
- EIL 3470 Electromagnetic Fields or 3 hrs
- EIL 3552C Analog and Digital Communication or 4 hrs
- EEL 3004C Electrical Networks or 3 hrs
- EEL 3470 Electromagnetic Fields or 3 hrs
- EGN 3365 Structure and Properties of Materials or 3 hrs
- EGN 3613 Engineering Economic Analysis or 2 hrs
- EIL 3470 Electromagnetic Fields or 3 hrs
- EIL 3552C Analog and Digital Communication or 4 hrs
- EEL 3801C Computer Organization or 3 hrs
- EML 4742C Embedded Systems or 4 hrs
- EML 4750 Digital Signal Processing Fundamentals or 3 hrs
- EML 4832 Engineering Applications of Computer Methods or 3 hrs
- EML 4851C Engineering Data Structures or 4 hrs
- EIN 4333 Production and Distribution Systems or 3 hrs
- EMA 4223 Fundamentals of Mechanical Behavior of Materials or 3 hrs
- EML 3262 Kinematics of Mechanisms or 3 hrs
- EML 3701 Fluid Mechanics I or 3 hrs
- EML 4142 Heat Transfer or 3 hrs
- EML 4312C Feedback Control or 3 hrs
- EML 4703 Fluid Mechanics II or 3 hrs
- ENV 4561 Environmental Engineering Operations & Processes II or 3 hrs
- ESI 4234 Quality Engineering or 3 hrs
- ESI 4523C Systems Simulation or 3 hrs
- PHY 3323 Electricity and Magnetism I or 3 hrs
- PHY 4324 Electricity and Magnetism II or 3 hrs
- STA 4321 Statistical Theory I or 3 hrs
- STA 4322 Statistical Theory II or 3 hrs

Select 1: 3 hrs
- MAD 4203 Introduction to Combinatorics or 3 hrs
- MAD 4301 Introduction to Graph Theory or 3 hrs

1 Only if MAP 4113 taken as part of the core.
251 Undergraduate Catalog 2014-2015
## UCF Degree Programs

- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Chemistry, take the Chemistry Placement Test at [http://knightsource.sdes.ucf.edu/]
- Prior to enrolling in Math, take Math Placement Test at [http://utc.sdes.ucf.edu]

### Mathematics Education (B.S.)

**College of Education and Human Performance**  
**School of Teaching, Learning, and Leadership,**  
**Education Building, Room: 209**  
[http://education.ucf.edu/mathed](http://education.ucf.edu/mathed)  
Dr. Erhan Haciomeroglu, ED 123H, Erhan.Haciomeroglu@ucf.edu, 407-823-4336  
Dr. Janet Andreasen, ED 123Q, Janet.Andreasen@ucf.edu, 407-823-5430

The Mathematics Education B.S. program offers students the option of two tracks: Mathematics Education - Education Track and Mathematics Education - Lifelong Learning Track (non-certification).

The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities outside formal, K-12 schools that do not require certification.

### Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of "C-" (1.75) or better
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement.
- Have a minimum 2.5 overall GPA.
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

### Degree Requirements

- Students should see an advisor prior to registering for courses
- The courses designated in 1. (General Education) and 2. (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066.

Degree requirements are subject to change based on state mandates.

#### 1. UCF General Education Program (GEP) (37 hrs)

Students are advised to take the preferred courses.

<table>
<thead>
<tr>
<th>A: Communication Foundations</th>
<th>(9 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Required ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Prefer SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B: Cultural &amp; Historical Foundations</th>
<th>(9 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefer AMH 2020 U.S. History: 1877-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Prefer AMH 2011 U.S. History: 1492-1877</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Prefer PHI 2010 Introduction to Philosophy</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C: Mathematical Foundations</th>
<th>(7 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Required STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D: Social Foundations</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefer POS 2041 American National Government</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Prefer PSY 2012 General Psychology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E: Science Foundations</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefer PSC 1121 Physical Science</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1.</th>
<th>(3 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefer ANT 2511 The Human Species</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Prefer BSC 1005 Biological Principles</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

---

### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm)

---

### Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MHF 3302</td>
<td>Logic and Proof in Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2313</td>
<td>Calculus with Analytic Geometry III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>Physics for Engineers &amp; Scientists I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>COP 3223</td>
<td>Introduction to Programming with C</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Sophomore Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 2302</td>
<td>Ordinary Differential Equations I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAS 3106</td>
<td>Linear Algebra</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>COP 3502C</td>
<td>Computer Science I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Junior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAA 4226</td>
<td>Advanced Calculus I</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

### Select 1 of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 4384</td>
<td>Numerical Methods for Computational Sciences or Applications</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAP 4113</td>
<td>Probability, Random Processes and Applications</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAP 4341</td>
<td>Introduction to Partial Differential Equations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Junior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAA 4227</td>
<td>Advanced Calculus II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAA 4402</td>
<td>Introduction to Complex Variables</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAP 4342</td>
<td>Partial Differential Equations II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAP 4303</td>
<td>Ordinary Differential Equations II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD 4203</td>
<td>Introduction to Combinatorics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAP 4153</td>
<td>Vector and Tensor Analysis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Senior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD 4301</td>
<td>Introduction to Graph Theory</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MTG 4302</td>
<td>Introduction to Topology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2. Common Prerequisites (CPP) (17 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs
- MAC 2311C Calculus with Analytic Geometry I GEP
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level (6 hrs)
- Education Track requires 6 semester hours
- Lifelong Learning Track requires 9 semester hours
- Students should consult advisor regarding course options.
- Education Track 6 hrs
  - EDF 2130 Child and Adolescent Development for Educators 3 hrs
  - MAC 2311C Calculus with Analytic Geometry I GEP
  - STA 2023 Statistical Methods I GEP
  - MAC 2312 Calculus with Analytic Geometry II CPP
  - MAC 2313 Calculus with Analytic Geometry III CPP
  - MAP 2302 Ordinary Differential Equations I 3 hrs

4. Core Requirements: Advanced Level (57 hrs)
- Education Track requires 60 semester hours
- Lifelong Learning Track requires 57 semester hours
- Education Core Requirements 18 hrs
  - Education Track requires 18 semester hours of Education Core Requirements
  - Lifelong Learning Track requires 21 semester hours of Education Core Requirements
- Education Core Requirements
  - EDG 4410 Teaching Strategies and Classroom Management 3 hrs
  - EDG 4467 Learning Theory and Assessment 3 hrs
  - EDG 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
  - TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs
  - DEP 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
  - EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
  - RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

Lifelong Learning Track: 3 hrs
- MAE 4834 Programs in Teaching of Mathematics 3 hrs

Education Track Specialization Requirements 23 hrs
- A grade of “C-” (1.75) or better is required.
- MAS 3105 Matrix and Linear Algebra 4 hrs
- MAS 3203 Introduction to Number Theory 3 hrs
- MTH 3302 Logic and Proof in Mathematics 3 hrs
- MTH 4404 History of Mathematics 3 hrs
- MTG 4212 Modern Geometries 4 hrs
- STA 4163 Statistical Methods II 3 hrs
- MAE 4834 Programs in Teaching of Mathematics 3 hrs

Internship I Block 7 hrs
- Prior to Internship I, the student must have completed EDG 4410 and at least 50% of all required mathematics courses must be completed prior to Internship I with a minimum grade of “C-” (1.75) or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
- Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.
- Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.
- Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexper/MAE 4360 Mathematics Instructional Analysis 4 hrs
- MAE 3840 Internship 3 hrs

Internship II 12 hrs
- At least 80% of all required mathematics courses and all methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.
- Passing scores on all sections [General Knowledge, Professional, and Subject Area (Mathematics 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
- Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.clinicalexperiences.education.ucf.edu.
- Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.
- MAE 4941 Internship 12 hrs

Lifelong Learning Track Specialization 36 hrs
- Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
- A grade of “C-” (1.75) or better is required.
- Must have a total of 48 or more hours of upper level courses to graduate.
UCF Degree Programs

MAN 3025 Management of Organizations 3 hrs
MAN 4101 Human Relations in Management 3 hrs
MAR 3023 Marketing 3 hrs
HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
HFT 2750 The Event Industry 3 hrs
ECT 4184 Curriculum Development Techniques for Industry Training 3 hrs
HFT 3798 Fairs and Festivals 3 hrs
HFT 4754 Exhibit and Trade Show Operations 3 hrs

5. Restricted Electives
■ None

6. Capstone Requirements
■ None

7. Foreign Language Requirements
Admissions
■ State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
■ None

8. Electives
■ None

9. Additional Requirements
■ None

10. Required Minors
■ None

11. Departmental Exit Requirements
■ Achieve a minimum 2.5 GPA in all courses within the major.
■ Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the Florida Educator Accomplished Practices.

Education Track
■ Pass all applicable sections of the Florida Teacher Certification Examination.

12. University Minimum Exit Requirements
■ A 2.0 UCF GPA
■ 60 semester hours earned after CLEP awarded
■ 48 semester hours of upper division credit completed
■ 30 of the last 39 hours of course work must be completed in residency at UCF.
■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
■ 120

Honors In Major
■ None

Related Programs
■ None

Certificates
■ None

Related Minors
■ None

Advising Notes
■ None

Transfer Notes
■ None

Acceptable Substitutes for Transfer Courses
■ None

Plan of Study (120 hrs)

Freshman Year - Fall 13 hrs
ENC 1101 Composition I 3 hrs
MAC 2311 Calculus with Analytic Geometry I 4 hrs
PSC 1121 Physical Science 3 hrs
AMH 2010 U.S. History: 1492-1877 3 hrs

Freshman Year - Summer 10 hrs
MAC 2313 Calculus with Analytic Geometry II 4 hrs
PHI 2010 Introduction to Philosophy 3 hrs
PSY 2012 General Psychology 3 hrs

Sophomore Year - Fall 15 hrs
EDF 2005 Introduction to the Teaching Profession 3 hrs
MAP 2302 Ordinary Differential Equations I 3 hrs
POS 2041 American National Government 3 hrs
STA 2023 Statistical Methods I 3 hrs

Education Track
■ MHF 3302 Logic and Proof in Mathematics 3 hrs

Lifelong Learning Track
■ Choose Lifelong Learning Specialization course 3 hrs

Sophomore Year - Spring 16 hrs
EME 2040 Introduction to Technology for Educators 3 hrs
EDF 2085 Introduction to Diversity for Educators 3 hrs

Education Track
■ Choose Lifelong Learning Specialization course 3 hrs

Junior Year - Fall 13 hrs
EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
MTG 4212 Modern Geometries 3 hrs

Education Track
■ MTG 4212 Modern Geometries 3 hrs

Junior Year - Spring 12 hrs
RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
MAE 4634 Programs in Teaching of Mathematics 3 hrs
TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs

Education Track
■ MAE 4634 Programs in Teaching of Mathematics 3 hrs

Senior Year - Fall 13 hrs
EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs

Education Track
■ MAE 4360 Mathematics Instructional Analysis 4 hrs
■ MHF 4404 History of Mathematics 3 hrs
■ MAE 3940 Internship 3 hrs

Lifelong Learning Track
■ Choose Lifelong Learning Specialization course 3 hrs
Mechanical Engineering (B.S.M.E.)

College of Engineering and Computer Science
Department of Mechanical and Aerospace Engineering,
Engineering I, Room: 381
http://www.mae.ucf.edu
Email: mmaeugrad@ucf.edu
Dr. Kuo-Chi Lin, Kurt.Lin@ucf.edu, 407-823-0137
Lynn Grabenhorst, Lynn.Grabenhorst@ucf.edu, 407-823-5448
Phone: 407-823-2416

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major after the withdrawal deadline in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- None

1. UCF General Education Program (GEP) (38 hrs)

- The UCF General Education Program (GEP) is described in the General Education Program section, located elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

A: Communication Foundations (9 hrs)

- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs

Select 1:

- Prefer SPC 1603C Fundamentals of Technical Presentations or 3 hrs
- Suggested SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)

- Select two courses from Historical Foundations 6 hrs
- Select one class from Cultural Foundations 3 hrs

C: Mathematical Foundations (7 hrs)

- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Required STA 3032 Probability and Statistics for Engineers 3 hrs

D: Social Foundations (6 hrs)

Select 1:

- Prefer ECO 2013 Principles of Macroeconomics or 3 hrs
- Prefer ECO 2023 Principles of Microeconomics 3 hrs
- Select one class from Social Foundations 3 hrs

E: Science Foundations (7 hrs)

- Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
- Select one class from Science Foundations 3 hrs

2. Common Program Prerequisites (CPP) (19 hrs)

- These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs.

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

1 MAC 2311C Calculus with Analytic Geometry I GEP
1 MAC 2312 Calculus with Analytic Geometry II 4 hrs
1 MAC 2313 Calculus with Analytic Geometry III 4 hrs
1 MAP 2302 Ordinary Differential Equations I 3 hrs
1 PHY 2048C Physics for Engineers & Scientists I GEP
PHY 2049C Physics for Engineers and Scientists II 4 hrs

1 A “C” (2.0) or better is required in this course.

Select one of the following sequences of courses:

- Preferred course

  CHS 1440 Principles of Chemistry 4 hrs

- or- First alternative: Select all of the following: 6 hrs

  CHM 2040 Chemistry Fundamentals IA and 3 hrs
  CHM 2041 Chemistry Fundamentals IB 3 hrs

- or- Second alternative

  CHM 2045C Chemistry Fundamentals I 4 hrs

3. Core Requirements: Basic Level (2 hrs)

Required Courses: Basic 2 hrs

- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing these courses, together with the core requirements, restricted electives, and senior design courses listed below.

- EGS 1006C Introduction to the Engineering Profession 1 hr
- EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (63 hrs)

Required Courses: Advanced 36 hrs

- EGN 3310 Engineering Analysis-Statics 3 hrs
- EGN 3343 Thermodynamics 3 hrs
- EGN 3365 Structure and Properties of Materials 3 hrs
- EGN 3373 Principles of Electrical Engineering 3 hrs
- STA 3032 Probability and Statistics for Engineers GEP
- EML 3034C Modeling Methods in Mechanical and Aerospace Engineering 3 hrs
- EML 3303C Mechanical Engineering Measurements 3 hrs
- EGM 3601 Solid Mechanics 3 hrs
- EML 3701 Fluid Mechanics I 3 hrs
- EML 4142 Heat Transfer 3 hrs
- EML 3217 Engineering Mechanics - Dynamics 3 hrs
- EML 4225 Introduction to Vibrations and Controls 3 hrs
- EML 3500 Design and Analysis of Machine Components 3 hrs
- EML 3505 Computer Aided Design 3 hrs
- EML 3703 Fluid Mechanics II 3 hrs
- EML 4504 Description of Analysis of Machine Components II 3 hrs
- EML 4504 Design & Analysis of Machine Components II 3 hrs

Select 2 of the Following: 6 hrs

- EML 3010 Thermodynamics of Mechanical Systems or 3 hrs
- EML 4143 Heat Transfer II or 3 hrs
- EML 4313 Intermediate System Dynamics and Controls or 3 hrs
- EML 4703 Fluid Mechanics II or 3 hrs
- EML 4504 Design & Analysis of Machine Components II 3 hrs

Select 1 of the Following: 3 hrs

- EML 4301C Mechanical Systems Lab or 3 hrs
- EML 4306C Energy Systems Lab 3 hrs

5. Restricted Electives

Approved Electives 18 hrs

- Technical electives are available in the BSME program to address specific student interests in a variety of technical areas. Students should consult with their Department for a list of approved restricted technical electives and the terms when specific courses of this type are offered.
Plan of Study  
(128 hrs)
- Tentative Course Schedule for Entering Freshmen: The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their Department to develop and maintain an appropriate plan of study.

**Freshman Year - Fall**
- **12 hrs**
  - EGS 1006C Introduction to the Engineering Profession 1 hr
  - ENC 1101 Composition I 3 hrs
  - MAC 2311C Calculus with Analytic Geometry I 4 hrs
  
**Select 1:**
- CHS 1440 Principles of Chemistry or 4 hrs
- CHM 2045C Chemistry Fundamentals I or 4 hrs
- 1 CHM 2040 Chemistry Fundamentals IA 3 hrs

1 Must take CHM 2041 to complete the sequence

**Freshman Year - Spring**
- **15 hrs**
  - EGN 1007C Engineering Concepts and Methods 1 hr
  - ENC 1102 Composition II 3 hrs
  - MAC 2312 Calculus with Analytic Geometry II 4 hrs
  - PHY 2048C Physics for Engineers & Scientists I 4 hrs
  - GEP 3 hrs

**Freshman Year - Summer**
- **10 hrs**
  - MAC 2313 Calculus with Analytic Geometry III 4 hrs
  - GEP 3 hrs
  - EGN 3365 Structure and Properties of Materials 3 hrs

**Sophomore Year - Fall**
- **13 hrs**
  - MAP 2302 Ordinary Differential Equations I 3 hrs
  - EGN 3310 Engineering Analysis-Statics 3 hrs
  - STA 3524 Probability and Statistics for Engineers 3 hrs
  - PHY 2049C Physics for Engineers and Scientists II 4 hrs

**Sophomore Year - Spring**
- **12 hrs**
  - EGN 3343 Thermodynamics 3 hrs
  - EGM 3601 Solid Mechanics 3 hrs
  - EGN 3373 Principles of Electrical Engineering 3 hrs
  - EML 3217 Engineering Mechanics - Dynamics 3 hrs

**Sophomore Year - Summer**
- **9 hrs**
  - GEP 3 hrs
  - GEP 3 hrs
  - GEP 3 hrs

**Junior Year - Fall**
- **15 hrs**
  - EML 3071 Fluid Mechanics I 3 hrs
  - EML 3034C Modeling Methods in Mechanical and Aerospace Engineering 3 hrs
  - EML 3303C Mechanical Engineering Measurements 3 hrs
  - GEP 3 hrs
  - EML 3990 Mechanical Career and Academic Faculty Advising I 0 hrs
  - EML 3500 Design and Analysis of Machine Components 3 hrs

**Junior Year - Spring**
- **15 hrs**
  - EML 4142 Heat Transfer 3 hrs
  - EML 4225 Introduction to Vibrations and Controls 3 hrs
  - Upper Division Elective 0 hrs
  - GEP 3 hrs

**Senior Year - Fall**
- **15 hrs**
  - Upper Division Elective 3 hrs
  - EML 4501C Engineering Design I 3 hrs
  - EML 4991 Mechanical Career and Academic Faculty Advising II 0 hrs
  
**Select 2**
- **6 hrs**
  - EML 3010 Thermodynamics of Mechanical Systems or 3 hrs
  - EML 4143 Heat Transfer II or 3 hrs
  - Egm 4313 Intermediate System Dynamics and Controls or 3 hrs
  - EML 4703 Fluid Mechanics II or 3 hrs
  - EML 4504 Design & Analysis of Machine Components II 3 hrs
Senior Year - Spring 12 hrs
EML 4502C Engineering Design II 3 hrs
Upper Division Elective 3 hrs
Upper Division Elective 3 hrs
Select 1 3 hrs
EML 4301C Mechanical Systems Lab or 3 hrs
EML 4306C Energy Systems Lab 3 hrs

Program Academic Learning Compacts
■ Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oeas.ucf.edu/alc/academic_learning_comparats.htm

Equipment Fees
■ Part-Time Student: $45 per term
■ Full-Time Student: $90 per term

Medical Laboratory Sciences (B.S.)
College of Medicine
Burnett School of Biomedical Sciences
Department of Molecular and Microbiology,
Health and Public Affairs II, Room: 335
http://www.biomed.ucf.edu
Dr. Richard Peppler, Interim Director
Dorilyn Hitchcock, Program Director
Phone: 407-823-5932

Admission Requirements
■ Acceptance to the university does not necessarily constitute admission to the upper division Medical Laboratory Sciences program.
■ Separate application to the limited access program should be made directly to the program in the Spring of the year admission is sought. Applications will be accepted until the class is filled.
■ UCF application must also be submitted prior to program application. Acceptance to UCF is necessary before acceptance to the program can occur.
■ Student must complete all general education, foreign language admissions, and program prerequisites prior to the start of the program.
■ This limited access program is work-intensive and courses include clinical practice in a variety of settings. Due to this, it is strongly recommended that students be at least one-year post high school prior to applying to the program. Students with concerns or questions should contact the program to schedule an appointment with an advisor.
■ All applicants must have a minimum overall GPA of 2.5, and complete all program prerequisite courses with at least a grade of “C” (2.0).

Degree Requirements
■ Students who change degree programs and select this major must adopt the most current catalog.
■ Students should complete the General Education Program, Foreign Language Admissions and the Common Program Prerequisite Requirements before transferring within the Florida College System or State University System.
■ Students should consult with a departmental advisor.
■ The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
■ A minimum overall GPA of 2.5 and a minimum grade of “C” (2.0) in prerequisite and major courses is required for admission to, continuation in, and graduation from the Medical Laboratory Sciences Program.
■ UCF Residency Requirement: 32 hours.
■ The courses designated in sections 1 (General Education) and 2 (Common Program Prerequisites) should usually be completed in the first 60 hours.
■ An FDL background check and Board of Clinical Lab Personnel trainee license are required.

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
   Preferred MAC 1105C College Algebra 3 hrs
   Required STA 2023 Statistical Methods I 3 hrs
D: Social Foundations (6 hrs)
E: Science Foundations (8 hrs)
   Required BSC 2010C Biology I 4 hrs
   Required CHM 2045C Chemistry Fundamentals I 4 hrs

2. Common Program Prerequisites (CPP) (25 hrs)
■ See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
BSC 2010C Biology I GEP
STA 2023 Statistical Methods I GEP
1 ZOO Human Anatomy 4 hrs
3730C
1 MCB General Microbiology 5 hrs
3020C
1 PCB 3703C Human Physiology 4 hrs

Take all of the following: 4 hrs
CHM 2045C Chemistry Fundamentals I and
CHM 2046 Chemistry Fundamentals II and
CHM 2046L Chemistry Fundamentals Laboratory 1 hr

Take all of the following: 8 hrs
CHM 2210 Organic Chemistry I and
CHM 2211 Organic Chemistry II and
CHM 2211L Organic Laboratory Techniques I 2 hrs

1 See Transfer Notes

3. Core Requirements: Basic Level
■ None

4. Core Requirements: Advanced Level (64 hrs)
MLS 3220C Techniques in Clinical Microscopy 3 hrs
MLS 4625 Advanced Clinical Chemistry I 3 hrs
MLS 4630 Advanced Clinical Chemistry II 3 hrs
POB 3233 Immunology 3 hrs
MLS 4430C Clinical Parasitology 3 hrs
MLS 3305 Hematology 3 hrs
MLS 4505C Immunodiagnostics 3 hrs
MLS 4910 Introduction to Clinical Research 1 hr
MLS 4505 Clinical Immunohematology 4 hrs
MLS 4460L Clinical Pathogenic Microbiology Lab 1 hr
MLS 4334 Hemostasis 3 hrs
MLS 4625L Advanced Clinical Chem I Lab 1 hr
POB 3233L Immunology Laboratory 1 hr
MLS 3305L Hematology Lab 1 hr
MLS 4933 Medical Technology Seminar 2 hrs
MLS 3705 Concepts in Education/Management 3 hrs
MLS 4830L Interpretive & Practical Clinical Chemistry 4 hrs
MLS 4831L Interpretive & Practical Immunohematology 4 hrs
MLS 4832L Interpretive & Practical Hematology 4 hrs
MLS 4833L Diagnostic Microbiology 4 hrs
CGS 1080C Introduction to Computers 3 hrs
BSC 3403C Quantitative Biological Methods 4 hrs

5. Restricted Electives
■ None

6. Capstone Requirements
■ None

7. Foreign Language Requirements
Admissions
■ Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
■ None

8. Electives
■ None

9. Additional Requirements
■ None

10. Required Minors
■ None
11. Departmental Exit Requirements
- A minimum 2.5 overall GPA is required for clinical assignment.
- The degree in Medical Laboratory Sciences will be awarded upon satisfactory completion of the University's didactic component and the clinical component in affiliated hospital laboratories.
- Upon receiving the degree in Medical Laboratory Sciences, the graduate will be eligible to take a national certification examination and then qualify for State Licensure.
- Students must earn a grade of “C” (2.0) or higher in required courses with a minimum 2.5 overall GPA for graduation.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 126

Honors In Major
- None

Related Programs
- Biomedical Sciences
- Biology
- Chemistry

Certificates
- None

Related Minors
- Biomedical Sciences
- Biology
- Chemistry

Advising Notes
- None

Transfer Notes
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Acceptable Substitutes for Transfer Courses
- Human Anatomy and Physiology I and II (BSC 2093/BSC 2094) 8 hrs
- MCB 3020C General Microbiology 5 hrs
- PCB 3233L Immunology Laboratory 1 hr
- PCB 3233L Immunology 3 hrs
- MCB 4300C Clinical Parasitology 3 hrs
- MCB 4300C Techniques in Clinical Microscopy 3 hrs
- MCB 4321 Advanced Clinical Chemistry I 3 hrs
- MCB 4321L Advanced Clinical Chem I Lab 1 hr
- MCB 4331L Clinical Pathogenic Microbiology Lab 1 hr
- MCB 4331L Diagnostic Microbiology 4 hrs
- MCB 4331L Interpretive & Practical Hematology 4 hrs
- MCB 4331L Interpretive & Practical Immunohematology 4 hrs
- MCB 4331L Interpretive & Practical Clinical Chemistry 4 hrs
- MCB 4331L Immunodiagnostics 4 hrs
- MCB 4331L Medical Technology Seminar 2 hrs
- MCB 4331L Concepts in Education/Management 2 hrs
- MCB 3020C General Microbiology 5 hrs
- MCB 4331L Quantitative Biological Methods 4 hrs

Plan of Study

Freshman Year - Fall
- MAC 1105C College Algebra 3 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- GEP 9 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- BSC 2010C Biology I 4 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- GEP 6 hrs

Sophomore Year - Fall
- CHM 2210 Organic Chemistry I 3 hrs
- ZOO 3733C Human Anatomy 4 hrs
- GEP 9 hrs

Sophomore Year - Spring
- CHM 2211 Organic Chemistry II 3 hrs
- CHM 2211L Organic Laboratory Techniques I 2 hrs
- MCB 3020C General Microbiology 5 hrs
- PCB 3703C Human Physiology 4 hrs
- GEP 3 hrs

Junior Year - Fall
- MLS 3220C Techniques in Clinical Microscopy 3 hrs
- MLS 4625 Advanced Clinical Chemistry I 3 hrs
- MLS 4625L Advanced Clinical Chem I Lab 1 hr
- PCO 3233 Immunology 3 hrs
- PCO 3233L Immunology Laboratory 1 hr
- MLS 4430C Clinical Parasitology 3 hrs

Junior Year - Spring
- MLS 3305 Hematology 3 hrs
- MLS 3305L Hematology Lab 1 hr
- MLS 4630 Advanced Clinical Chemistry II 3 hrs
- MLS 4460L Clinical Pathogenic Microbiology Lab 1 hr

Junior Year - Summer
- MLS 4334 Hemoestasis 3 hrs
- MLS 4550 Clinical Immunohematology 4 hrs

Senior Year - Fall
- MLS 4830L Interpretive & Practical Clinical Chemistry 4 hrs
- MLS 4831L Interpretive & Practical Immunohematology 4 hrs
- MLS 4831L Interpretive & Practical Hematology 4 hrs
- MLS 4831L Diagnostic Microbiology 4 hrs

Senior Year - Spring
- MLS 4910 Introduction to Clinical Research 1 hr
- MLS 4505C Immunodiagnostics 3 hrs
- MLS 4933 Medical Technology Seminar 2 hrs
- MLS 3705 Concepts in Education/Management 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $39 per term
- Full-Time Student: $78 per term

Music (B.A.)

College of Arts and Humanities

Department of Music,
Performing Arts Center, Room: M203
http://music.cah.ucf.edu
Email: ucfmusic@ucf.edu
Kirk Gay, kirk.gay@ucf.edu, 407-823-5968

Admission Requirements
- Each student must complete an audition that demonstrates satisfactory performance proficiency.
- The audition will serve as a placement examination for accepted candidates

Degree Requirements
- Prior to attending the first music class as a music major at UCF, all students must take a keyboard placement examination to determine the appropriate level of class piano. Go to http://www.music.ucf.edu/students to see the class piano requirements.
- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement; at least 25 hours must be taken from the UCF Music department
- Each student must complete a faculty approved capstone project.
- Co-op or internship credit cannot be used in this major
- Students should consult with a departmental advisor for course selections
- Courses designated in 1 (General Education Program) are usually spread over the full four years
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours

1. UCF General Education Program (GEP) (36 hrs)
- (see General Education Program for detailed information)
## A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Preferred SPC 1608 Fundamentals of Oral Communication 3 hrs

## B: Cultural & Historical Foundations (9 hrs)
- Required MUH 3212 Music History and Literature II 3 hrs
- Select one course from 1.B.1 list 3 hrs
- Select one course from 1.B.1 or 1.B.2 list 3 hrs

## C: Mathematical Foundations (6 hrs)
- Math 3 hrs
  - Suggested MGF 1107 Explorations in Mathematics or
  - Suggested MGF 1106 Finite Mathematics or
  - You may substitute a higher level math with appropriate scores on the Math Placement Exam

## D: Social Foundations (6 hrs)

## E: Science Foundations (6 hrs)

### 2. Common Program Prerequisites (CPP) (28 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- MUT 1121 Music Theory and Musicianship I 4 hrs
- MUT 1122 Music Theory and Musicianship II 4 hrs
- MUT 2126 Music Theory and Musicianship III 4 hrs
- MUT 2127 Music Theory and Musicianship IV 4 hrs
- MKV 1111 Class Piano I 1 hr
- MKV 1112 Class Piano II 1 hr
- MKV 2121 Class Piano III 1 hr
- MKV 2122 Class Piano IV 1 hr
- MUN XXXX Ensembles 4 hrs
- MVX XXXX Performance 4 hrs

### 3. Core Requirements: Basic Level (6 hrs)
- MUS 1010 Music Forum 0 hrs
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MUS 2360C Introduction to Music Technology 3 hrs

### 4. Core Requirements: Advanced Level (3 hrs)
- MUH 3211 Music History and Literature I 3 hrs
- MUH 3212 Music History and Literature II GEP

### 5. Restricted Electives-Music (15 hrs)
- Choose from any MUX XXXX or MUX XXXX (No more than 6 of these credits can be taken as MUN courses.)
- Choose one MUX XXXX or MUX XXXX course 3 hrs

### Restricted Electives-Non-Music (18 hrs)
- Select, with the approval of the Academic Advisor, primarily from upper-level courses that form a coherent progression within a single or two related departments.
- The completion of a minor is strongly encouraged.

### 6. Capstone Requirements
- MUS 4900 Music BA Capstone Project 3 hrs

### 7. Foreign Language Requirements
- Admissions
  - Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.
- Graduation
  - Proficiency equivalent to two semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies.
  - Standardized examinations for foreign languages may be used to meet the requirement.
- Electives
  - Select primarily from upper-level courses
- Additional Requirements
  - None
  - Required Minors
  - None

### 8. Electives (9 hrs)
- Use to meet the requirement.

### 9. Additional Requirements
- None

### 10. Required Minors
- None

#### Related Programs
- Music Education
- Theatre
- Theatre - Musical Theatre Track

#### Certificates
- None

#### Related Minors
- Music
- Theatre

#### Advising Notes
- None

#### Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

#### Acceptable Substitutes for Transfer Courses
- None

#### Plan of Study
- Example given shows a student majoring in B.A. in Music. See program description for all requirements.
- Consult the program advisor for alternate, new, or more appropriate selections.

### Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- MUT 1121 Music Theory and Musicianship I 4 hrs
- MVK 1111 Class Piano I 1 hr
- MUS 1010 Music Forum 0 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- MUN XXXX Ensemble 1 hr
- MVX 141X Performance I 2 hrs
- GEP E.1. Science Foundation 3 hrs

### Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- MUT 1122 Music Theory and Musicianship II 4 hrs
- MKV 1112 Class Piano II 1 hr
- MUS 1010 Music Forum 0 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- MUN XXXX Ensemble 1 hr
- MVX 141X Performance I 2 hrs

#### Sophomore Year - Fall
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- MUT 2126 Music Theory and Musicianship III 4 hrs
- MVK 2121 Class Piano III 1 hr
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUN XXXX Ensemble 1 hr
- Foreign Language Elementary Level I 4 hrs

### Sophomore Year - Spring
- MUT 2127 Music Theory and Musicianship IV 4 hrs
- MVX 2122 Class Piano IV 1 hr
- MUS 1010 Music Forum 0 hrs
- MGF 1106 Finite Mathematics 3 hrs
- MUN XXXX Ensemble 1 hr
- GEP B.1. Cultural & Historical Foundation 3 hrs
- Foreign Language Elementary Level II 4 hrs

### 11. Departmental Exit Requirements
- Earn a grade of “C” (2.0) or better in each Music course

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### Honors In Major
- None

### Undergraduate Catalog 2014-2015
### UCF Degree Programs

#### Junior Year - Fall
- **MUH 3211** Music History and Literature I 3 hrs
- **GEP B.2.** Cultural & Historical Foundation 3 hrs
- **MUT 3/4XXX** 3 hrs
- **MUK 3/4XXX** Music Restricted Elective 3 hrs
- **3XXX 3/4XXX** Non-Music Restricted Elective 3 hrs

#### Junior Year - Spring
- **MUH 3212** Music History and Literature II 3 hrs
- **Elective** 3 hrs
- **MUK 3/4XXX** Music Restricted Elective 3 hrs
- **MUK 4/4XXX** Music Restricted Elective 3 hrs
- **XXX 3/4XXX** Non-Music Restricted Elective 3 hrs

#### Senior Year - Fall
- **GEP D.1.** Social Foundation 3 hrs
- **XXX 3/4XXX** Non-Music Restricted Elective 3 hrs
- **MUK 3/4XXX** Music Restricted Elective 3 hrs
- **GEP E.2.** Science Foundation 3 hrs
- **XXX 3/4XXX** Non-Music Restricted Elective 3 hrs

#### Senior Year - Spring
- **MUS 4900** Music BA Capstone Project 3 hrs
- **GEP D.2.** Social Foundation 3 hrs
- **XXX 3/4XXX** Non-Music Restricted Elective 3 hrs
- **MUK 3/4XXX** Music Restricted Elective 3 hrs

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oaes.ucf.edu/alc/academic_learning_compacts.htm](http://www.oaes.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

### Music - Jazz Studies Track (B.M.)

#### College of Arts and Humanities
- **Department of Music, Performing Arts Center - Music, Room: M203**
- **http://music.cah.ucf.edu**
- **Email:** musiccaud@ucf.edu
  - J. Rupert, JeffRupert@ucf.edu, 407-823-5411
  - Kirk Gay, Kirk.Gay@ucf.edu, 407-823-5968

#### Admission Requirements

- **Audition Requirements for Admission**
  - Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to [http://music.cah.ucf.edu/admissions.php](http://music.cah.ucf.edu/admissions.php) to learn more about specific audition requirements and recommended repertoire for each instrument and voice.
  - The audition will serve as a placement examination for accepted candidates.

- **Professional Sequence Entrance Review**
  - During the fourth semester of applied study, each student will be required to pass the Professional Sequence Entrance Review, which will include:
    - An evaluation of performance skills
    - Completion of Performance I and II
    - Completion of MUS 2360C
    - Completion of MUT 2127, Music Theory and Musicanship IV
    - Completion of Class Piano IV
    - Completion of Jazz Theory I & II
    - Overall GPA of at least 2.5, and a GPA for all music courses of at least 3.0
    - This review is a pre-requisite for Performance level III.

- **Degree Requirements**
  - Prior to attending the first class as a music major at UCF, all students must take a keyboard placement examination to determine the appropriate level of class piano. Go to [http://music.ucf.edu/](http://music.ucf.edu/) to see the class piano requirements.
  - Students who change degree programs and select this major must adopt the most current catalog.
  - At least 65 hours of credit must be earned in music courses.
  - Departmental Residency Requirement; at least 30 hours must be taken from the UCF Music department.
  - Performance students must present two faculty-approved public recitals.
  - Students should consult with a departmental advisor for course selection.
  - Courses designated in 1 (General Education Program) are usually completed throughout four years of study.
  - Students must complete a faculty-approved Senior BM web portfolio.

1. **UCF General Education Program (GEP) (36 hrs)**
   - (See General Education program for detailed information)

   **A: Communication Foundations (9 hrs)**
   - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
   - Take all of the following:
     - Required ENC 1101 Composition I and 3 hrs
     - Required ENC 1102 Composition II 3 hrs

   **B: Cultural & Historical Foundations (9 hrs)**
   - Required MUL 2016 Evolution of Jazz 3 hrs
   - Select one course from 1.B.1 list 3 hrs
   - Select one course from 1.B.1 list or 1.B.2 list 3 hrs

   **C: Mathematical Foundations (6 hrs)**
   - Math 3 hrs
   - Suggested MGF 1106 Finite Mathematics or 3 hrs
   - Suggested MGF 1107 Explorations in Mathematics or 3 hrs
   - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

   **Statistics - Computers (3 hrs)**
   - Select a course from GEP C.2 list 3 hrs

   **D: Social Foundations (6 hrs)**

   **E: Science Foundations (6 hrs)**

2. **Common Program Prerequisites (CPP) (24 hrs)**
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

   **MUT 1121** Music Theory and Musicanship I 4 hrs
   - **MUT 1122** Music Theory and Musicanship II 4 hrs
   - **MUT 2126** Music Theory and Musicanship III 4 hrs
   - **MUT 2127** Music Theory and Musicanship IV 4 hrs
   - **MUN 3713** Jazz Ensemble 1 hr
   - **MVK 2122** Class Piano IV 1 hr
   - **MVK 2121** Class Piano III 1 hr
   - **MVK 2122** Class Piano IV 1 hr
   - **MUH 3212** Music History and Literature II 3 hrs
   - **MUH 3211** Music History and Literature I or 3 hrs
   - **MUS 3953** Recital Performance I 0 hrs
   - **MUS 4954** Recital Performance II 0 hrs
   - **MUT 3170** Jazz Theory I 3 hrs
   - **MUT 3171** Jazz Theory II 3 hrs
   - **MUT 3923** Jazz Workshop 3 hrs
   - **MUS 4320** Music Business and Industry 3 hrs
   - **MUH 4814** Jazz Styles and Analysis 3 hrs
   - **MUS 4953** Recital Performance I 0 hrs
   - **MUS 4954** Recital Performance II 0 hrs

   1 Four semesters for total 12 hrs

---

**UNIVERSITY OF CENTRAL FLORIDA**

260 Undergraduate Catalog 2014-2015
Specialty Requirements (Choose one): 27 hrs
- All courses are taken for two semesters each except restricted elective courses

**Trumpet**
- MVB 1411 Trumpet I 2 hrs
- MVB 2421 Trumpet II 2 hrs
- MVB 3431 Trumpet III 2 hrs
- MVB 4441 Trumpet IV 4 hrs
- Restricted Electives 5 hrs

**Trombone**
- MVB 1413 Trombone I 2 hrs
- MVB 2423 Trombone II 2 hrs
- MVB 3433 Trombone III 2 hrs
- MVB 4443 Trombone IV 4 hrs
- Restricted Electives 5 hrs

**Saxophone**
- MVW 1415 Saxophone I 2 hrs
- MVW 2425 Saxophone II 2 hrs
- MVW 3435 Saxophone III 2 hrs
- MVW 4445 Saxophone IV 4 hrs
- Restricted Electives 5 hrs

**Jazz Piano**
- MVJ 1010 Jazz Piano I 2 hrs
- MVJ 2220 Jazz Piano II 2 hrs
- MVJ 3230 Jazz Piano III 3 hrs
- MVJ 4240 Jazz Piano IV 4 hrs
- MVJ 1211 Secondary Piano 1 hr
- Restricted Electives 3 hrs

**Jazz Bass**
- MVJ 1214 Jazz Bass I 2 hrs
- MVJ 2224 Jazz Bass II 2 hrs
- MVJ 3234 Jazz Bass III 3 hrs
- MVJ 4244 Jazz Bass IV 4 hrs
- MVJ 1213 Secondary Bass 1 hr
- Restricted Electives 3 hrs

**Jazz Drum Set**
- MVJ 1213 Jazz Drum Set I 2 hrs
- MVJ 2223 Jazz Drum Set II 2 hrs
- MVJ 3233 Jazz Drum Set III 3 hrs
- MVJ 4344 Jazz Drum Set IV 4 hrs
- MVJ 1211 Secondary Percussion 1 hr
- Restricted Electives 3 hrs

5. Restricted Electives
- Any secondary performance course not in area of major instrument or
- Any MUC, MUE, MUG, MUH, MUL, MUM, MUN, MUO, MUS, MUT, MVX courses numbered 3000 or higher.

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- Select primarily from upper level courses. May be outside of the department.

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Earn a grade of "C" (2.0) or better in each Music course

- Computer Competency met by the following course, or departmental examination:
  - MUS 2360C Introduction to Music Technology 3 hrs

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Music Education
- Music
- Theatre

Certificates
- None

Related Minors
- Music
- Theatre
- Digital Media

Advising Notes
- None

Plan of Study
- Program A: Jazz Trumpet, Trombone, Saxophone

**Freshman Year - Fall** 14 hrs
- ENC 1101 Composition I 3 hrs
- MUS 1010 Jazz Ensemble 1 hr
- MVX 242X Performance II 2 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- MVX 141X Performance I 2 hrs

**Freshman Year - Spring** 17 hrs
- ENC 1102 Composition II 3 hrs
- MUS 1010 Jazz Ensemble 1 hr
- MVX 141X Performance I 2 hrs
- Science Foundation 3 hrs

**Sophomore Year - Fall** 17 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- MVX 242X Performance II 2 hrs

**Sophomore Year - Spring** 14 hrs
- MUS 242X Performance II 2 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- MVX 242X Performance II 2 hrs
<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year</td>
<td>Fall</td>
<td>ENC 1101 Composition I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUT 1121 Music Theory and Musicianship I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3713 Jazz Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVK 1111 Class Piano I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 1010 Music Forum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUL 2014 Introduction to Music History and Literature</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVX 1XXX Performance I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVX 121X Secondary Performance</td>
</tr>
<tr>
<td>Freshman Year</td>
<td>Spring</td>
<td>ENC 1102 Composition II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUT 1122 Music Theory and Musicianship II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3713 Jazz Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVK 1112 Class Piano II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 1010 Music Forum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 2360C Introduction to Music Technology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUL 2016 Evolution of Jazz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVX 1XXX Performance I</td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Fall</td>
<td>SPC 1608 Fundamentals of Oral Communication</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUT 2126 Music Theory and Musicianship III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3713 Jazz Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVK 2121 Class Piano III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUT 3170 Jazz Theory I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 1010 Music Forum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGF 1106 Finite Mathematics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVX 2XXX Performance II</td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Spring</td>
<td>MUT 2127 Music Theory and Musicianship IV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3713 Jazz Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVK 2122 Class Piano IV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUT 3171 Jazz Theory I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 1010 Music Forum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professional Sequence Entrance Review</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVX 2XXX Performance II</td>
</tr>
</tbody>
</table>

**Junior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUT 3923 Jazz Workshop</td>
<td>3</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0</td>
</tr>
<tr>
<td>MGF 1106 Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Cultural &amp; Historical Foundation</td>
<td>3</td>
</tr>
<tr>
<td>MVX 343X Performance III</td>
<td>3</td>
</tr>
<tr>
<td>MUX 3/4XXX Restricted Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Senior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3</td>
</tr>
<tr>
<td>MUH 3211 Music History and Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUT 3923 Jazz Workshop</td>
<td>3</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0</td>
</tr>
<tr>
<td>MUS 3953 Recital Performance I</td>
<td>0</td>
</tr>
<tr>
<td>MVX 3XXX Performance III</td>
<td>3</td>
</tr>
</tbody>
</table>

**Junior Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3</td>
</tr>
<tr>
<td>MUH 3211 Music History and Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUT 3923 Jazz Workshop</td>
<td>3</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0</td>
</tr>
<tr>
<td>MUS 3953 Recital Performance I</td>
<td>0</td>
</tr>
<tr>
<td>MVX 3XXX Performance III</td>
<td>3</td>
</tr>
<tr>
<td>MUX 3XXX Restricted Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

**Senior Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0</td>
</tr>
<tr>
<td>MUT 3923 Jazz Workshop</td>
<td>3</td>
</tr>
<tr>
<td>MUS 4514 Jazz Styles and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3</td>
</tr>
<tr>
<td>MVX 4XXX Performance IV</td>
<td>4</td>
</tr>
<tr>
<td>Science Foundation</td>
<td>3</td>
</tr>
</tbody>
</table>

**Program Academic Learning Compacts**

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

**Equipment Fees**

- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

**Music - Music Composition Track (B.M.)**

**College of Arts and Humanities**

**Department of Music,**

**Performing Art Center - Music, Room: M203**


**Email:** musicaud@ucf.edu

**Kirk Gay, kirk.gay@ucf.edu, 407-823-5968**

**Admission Requirements**

**Audition Requirements for Admission**

- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to [http://www.music.ucf.edu/admissionsauditions.php](http://www.music.ucf.edu/admissionsauditions.php) to learn more about specific audition requirements and recommended repertoire for each instrument and voice.

- The audition will serve as a placement examination for accepted candidates

**Professional Sequence Entrance Review**

- Prospective composition students must audition for and be accepted for either the BA in Music, the BME degree or the Bachelor of Music in Performance or Jazz Studies for their first two years of study. Students will normally be considered for acceptance into the Bachelor of Music in Composition in the fourth semester of study at UCF. Students will be accepted based on the Professional Sequence Entrance Review. Students will be required to pass this evaluation before entering Level III Composition. This review will include:

  - Approval of composition portfolio
  - Completion of Composition I and II
  - Completion of Performance I and II
  - Completion of MUS 2360C
  - Completion of MUT 2127, Music Theory and Musicianship IV
  - Completion of Class Piano IV

- Overall GPA of at least 2.5, and a GPA for all music courses of at least 3.0.

- This review is a pre-requisite for Composition level III.
Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- At least 65 hours of credit must be earned in music courses.
- Departmental Residency Requirement: at least 30 hours must be taken from the UCF Music department.
- Composition students must present one faculty-approved public recital.
- Students should consult with a departmental advisor for course selection.
- Courses designated in 1 (General Education Program) are completed concurrently.
- Courses must be completed in residency at UCF.

1. UCF General Education Program (GEP) (36 hrs)
- (see General Education program for detailed information)

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required MUI 3212 Music History and Literature II 3 hrs
- Select one course from 1.B.1 list 3 hrs
- Select one course from 1.B.2 list 3 hrs

C: Mathematical Foundations (6 hrs)
- Math 3 hrs
- Suggested MGF 1106 Finite Mathematics or 3 hrs
- Suggested MGF 1107 Explorations in Mathematics or 3 hrs
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers 3 hrs
- Select a course from GEP C.2 list 3 hrs

D: Social Foundations (6 hrs)

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (32 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

MUT 1121 Music Theory and Musicianship I 4 hrs
MUT 1122 Music Theory and Musicianship II 4 hrs
MUT 2126 Music Theory and Musicianship III 4 hrs
MUT 2127 Music Theory and Musicianship IV 4 hrs
MVK 1111 Class Piano I 1 hr
MVK 1112 Class Piano II 1 hr
MVK 2121 Class Piano III 1 hr
MVK 2122 Class Piano IV 1 hr
MUN XXXX Major Ensemble (four semesters) Piano 4 hrs
students take MUN 3453; guitar students take MUN 3483
MNX 141X Performance I (two semesters) 4 hrs
MNV 242X Performance II (two semesters) 4 hrs

3. Core Requirements: Basic Level (20 hrs)

MUL 2014 Introduction to Music History and Literature 3 hrs
MUS 2360C Introduction to Music Technology 3 hrs
MUC 1101C Composition I 2 hrs
MUC 2104C Composition II 2 hrs
MUS 1010 Music Forum 0 hrs
MUS 3104 Basic Conducting 2 hrs
MUH 3211 Music History and Literature I 3 hrs
MUH 3212 Music History and Literature II GEP
MUT 4571 Analysis of Twentieth-Century Music 3 hrs
MUN XXXX Major Ensembles (Piano students take MUN 3453; guitar students take MUN 3483) 2 hrs

4. Core Requirements: Advanced Level (23 hrs)

Professional Sequence Requirements:
1 MUC 3105C Composition III 3 hrs
2 MUC 4106C Composition IV 4 hrs
MUT 4401 Counterpoint 3 hrs
MUT 4311 Orchestration 3 hrs
MUC 4960 Composition Recital 0 hrs

One course selected from MUC/MUH/MUS/MUT, 3000 level or above

5. Restricted Electives (9 hrs)
- Any secondary performance course not in area of major instrument, or
- Any MUC, MUE, MUG, MUH, MUM, MUN, MUO, MUS, MUT, MVX courses numbered 3000 or higher.

Special Non-Course Requirements: Major Ensemble Participation
- Selected from University Chorus, Women’s Chorus, Symphony Orchestra, Concert Band, Wind Ensemble, and Marching Band. Four hours of Jazz Ensemble may be used as Major Ensemble credit.
- Ensemble assignment is by the Ensemble Directors.
- Students must take Major Ensemble during each semester at UCF.
- Students taking a course in Performance must concurrently take a major ensemble appropriate to their principal instrument or voice.

Special Non-Course Requirements: Minor Ensemble Participation
- If Minor Ensemble is taken at UCF, the semester hours of credit must be spread over at least two separate semesters.
- If Minor Ensemble credits are transferred to UCF, each remaining credit must be taken in a separate semester.
- Minor Ensembles include: Brass, Percussion, Piano, Madrigal Singers, Women’s Chorus, Opera Workshop, Woodwind, Jazz Ensemble, Jazz Combo, and Early Music Ensemble.

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Earn a grade of “C” (2.0) or better in each Music course.
- Computer Competency met by the following or departmental examination:
MUS 2360C Introduction to Music Technology 3 hrs
MUS 2360C Introduction to Music Technology 3 hrs

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120
- Honors In Major
- None
### Related Degree Programs
- Music Education
- Music
- Theatre

### Certificates
- None

### Related Minors
- Music
- Digital Media
- Theatre

### Advising Notes
- None

### Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study (120 hrs)

#### Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- MVK 1111 Class Piano I 1 hr
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUN XXXX Major Ensemble 1 hr
- MUX 141X Performance I 2 hrs

#### Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- MUX 3/4XXX Restricted Electives 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUX 141X Performance I 2 hrs
- Science Foundation 3 hrs

#### Sophomore Year - Fall
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- MUT 2126 Music Theory and Musicianship II 4 hrs
- MUC 2360C Introduction to Music Technology 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUN XXXX Major Ensemble 1 hr
- MVX 242X Performance II 2 hrs

#### Sophomore Year - Spring
- MUT 2127 Music Theory and Musicianship IV 4 hrs
- MVK 2122 Class Piano IV 1 hr
- MUC 2104C Composition II 2 hrs
- MGF 1106 Finite Mathematics 3 hrs
- MUS 1010 Music Forum 0 hrs
- Cultural/Historical Foundation 3 hrs
- MUN XXXX Major Ensemble 1 hr
- MVX 242X Performance II 2 hrs

---

#### Junior Year - Fall
- MUH 3211 Music History and Literature I 3 hrs
- MUT 4571 Analysis of Twentieth-Century Music 3 hrs
- MUC 3105C Composition III 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUX 3/4XXX Restricted Electives 3 hrs
- Cultural/Historical Foundation 3 hrs
- MUN XXXX Major Ensemble 1 hr

#### Junior Year - Spring
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- MUH 3212 Music History and Literature II 3 hrs
- MUT 4311 Orchestration 3 hrs
- MUC 3105C Composition III 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUN XXXX Major Ensemble 1 hr
- MUX 3/4XXX Restricted Electives 3 hrs

### Senior Year - Fall
- MUC 4106C Composition IV 4 hrs
- MUS 1010 Music Forum 0 hrs
- Social Foundation 3 hrs
- Science Foundation 3 hrs
- MUX 3/4XXX Restricted Electives 3 hrs

### Senior Year - Spring
- MUC 4106C Composition IV 4 hrs
- MUT 4401 Counterpoint 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUC 4595 Composition Recital 0 hrs
- Social Foundation 3 hrs
- MUX 3/4XXX Restricted Electives 3 hrs

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

### Music - Music Performance Track (B.M.)

#### College of Arts and Humanities

#### Department of Music,
Performing Arts Center, Room: M203


Email: musicaud@ucf.edu

Kirk Gay, kirk.gay@ucf.edu, 407-823-5068

### Admission Requirements

#### Audition Requirements for Admission
- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to [http://music.cah.ucf.edu/admissions.php](http://music.cah.ucf.edu/admissions.php) to learn more about specific audition requirements and recommended repertoire for each instrument and voice.

- The audition will serve as a placement examination for accepted candidates.

#### Professional Sequence Entrance Review
- During the fourth semester of applied study, each student will be required to pass the Professional Sequence Entrance Review, which will include the following:
  - An evaluation of performance skills
  - Completion of Performance I and II
  - Completion of the following courses:
    - MUS 2360C Introduction to Music Technology 3 hrs
    - MUT 2127 Music Theory and Musicianship IV 4 hrs

### Degree Requirements

- Prior to attending the first music class as a music major at UCF, all students must take a keyboard placement examination to determine the appropriate level of class piano. Go to [http://music.cah.ucf.edu/students](http://music.cah.ucf.edu/students) to see the class piano requirements.

- Students who change degree programs and select this major must adopt the most current catalog.

- At least 65 hours of credit must be earned in music courses.

- Departmental Residency Requirement: at least 30 hours must be taken from the UCF Music department.

- Performance students must present two faculty-approved public recitals.

- Students should consult with a departmental advisor for course selection.

- Courses designated in 1 (General Education Program) are usually completed throughout four years of study.

- Students must complete a faculty-approved Senior BM web portfolio.

### UNIVERSEITY OF CENTRAL FLORIDA
1. UCF General Education Program (GEP) (36 hrs)
   - (See General Education program for detailed information)

A: Communication Foundations (9 hrs)
   - Prefer SPC 1608 Fundamentals of Oral Communication

Take all of the following: 6 hrs
   - Required ENC 1101 Composition I and
   - Required ENC 1102 Composition II

B: Cultural & Historical Foundations (9 hrs)
   - Take all of the following: 6 hrs

C: Mathematical Foundations (6 hrs)
   - Suggested MGF 1106 Finite Mathematics or
   - Suggested MGF 1107 Explorations in Mathematics

You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers
   - Select a course from GEP C.2 list

D: Social Foundations (6 hrs)

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (32 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

MUT 1121 Music Theory and Musicianship I 4 hrs
MUT 1122 Music Theory and Musicianship II 4 hrs
MUT 2126 Music Theory and Musicianship III 4 hrs
MUT 2127 Music Theory and Musicianship IV 4 hrs
MVK 1111 Class Piano I 1 hr
MVK 1112 Class Piano II 1 hr
MVK 2121 Class Piano III 1 hr
MVK 2122 Class Piano IV 1 hr
MUN XXXX Major Ensemble (four semesters) Piano 4 hrs
   - students take MUN 3453; guitar students take MUN 3484
   - MVX 141X Performance I (2 semesters) 4 hrs
   - MVX 242X Performance II (2 semesters) 4 hrs

3. Core Requirements: Basic Level (6 hrs)
   - MUT 2014 Introduction to Music History and Literature 3 hrs
   - MUS 2360C Introduction to Music Technology 3 hrs
   - MUS 1010 Music Forum 0 hrs

4. Core Requirements: Advanced Level (24 hrs)
   - MUS 3953 Recital Performance I 0 hrs
   - MUS 4954 Recital Performance II 0 hrs
   - MUG 3104 Basic Conducting 2 hrs
   - MUN 3211 Music History and Literature I 3 hrs
   - MUN 3212 Music History and Literature II GEP
   - MVX 343X Performance III (2 Semesters) 6 hrs
   - MVX 444X Performance IV (2 Semesters) 8 hrs
   - MUN XXXX Major Ensembles (Piano students take MUN 3453; guitar students take MUN 3484)
     - MVX 141X Performance I (2 semesters) 4 hrs
     - MVX 242X Performance II (2 semesters) 4 hrs

Choose one MUT 3XXX or MUT 4XXX course

Specialty Requirements (Choose One): 22 hrs

Piano
   - MUL 3400 Piano Literature I and 2 hrs
   - MUL 3401 Piano Literature II and 2 hrs
   - MVK 4640 Piano Pedagogy I 2 hrs
   - MUN 3453 Piano Ensemble and 1 hr
   - MUN 3453 Piano Ensemble and 1 hr
   - Restricted Electives and 9 hrs
   - Electives 5 hrs

Guitar
   - MUL 4437 String Literature and Pedagogy and 3 hrs
   - MUN 3487 Guitar Ensemble and 1 hr
   - MUN 3487 Guitar Ensemble and 1 hr
   - Restricted Electives and 12 hrs
   - Electives 5 hrs

Voice
   - MUS 1250 IPA for Singers and 1 hr
   - MUS 3255 German and English Lyric Diction and 2 hrs
   - MUS 3254 Italian and French Lyric Diction and 2 hrs
   - MVV 4640 Voice Pedagogy and 2 hrs
   - MUL 3602 Song Literature and 3 hrs
   - MUN XXXX Major Ensembles and 2 hrs
   - MUN XXXX Minor Ensembles and 2 hrs
   - Foreign Language (French, German, or Italian) 8 hrs

Woodwinds
   - MUL 4444 Woodwind Literature and Pedagogy and 3 hrs
   - MUN XXXX Major Ensembles and 2 hrs
   - MUN XXXX Minor Ensembles and 4 hrs
   - Restricted Electives and 8 hrs
   - Electives 5 hrs

Brass
   - MUL 4443 Brass Literature and Pedagogy and 3 hrs
   - MUN XXXX Major Ensembles and 2 hrs
   - MUN XXXX Minor Ensembles and 4 hrs
   - Restricted Electives and 7 hrs
   - Electives 5 hrs

Percussion
   - MUL 4437 String Literature and Pedagogy and 3 hrs
   - MVP 3630 Percussion Pedagogy and 2 hrs
   - MUN XXXX Major Ensembles and 2 hrs
   - MUN XXXX Minor Ensembles and 4 hrs
   - Restricted Electives and 8 hrs
   - Electives 5 hrs

Strings
   - MUL 4437 String Literature and Pedagogy and 3 hrs
   - MUN XXXX Major Ensembles and 2 hrs
   - MUN XXXX Minor Ensembles and 4 hrs
   - Restricted Electives and 8 hrs
   - Electives 5 hrs

5. Restricted Electives
   - 0-15 hrs
   - Any MUC, MUE, MUG, MUL, MUM, MUN, MUO, MUS, MUT, MVX courses numbered 3000 or higher.

6. Capstone Requirements
   - None

7. Foreign Language Requirements

Admissions
   - Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
   - None

8. Electives
   - Select primarily from upper level courses. May be outside of the department.

9. Additional Requirements
   - Special Non-Course Requirements:
     - Major Ensemble Participation
       - Selected from University Chorus, Women’s Chorus, Symphony Orchestra, Concert Band, Wind Ensemble, and Marching Band. Four hours of Jazz Ensemble may be used as Major Ensemble credit.
       - Ensemble assignment is by the Ensemble directors.
       - Students must take Major Ensemble during each semester at UCF.

     - Minor Ensemble Participation
       - If Minor Ensemble is taken at UCF, the semester hours of credit must be spread over at least two separate semesters.
       - Remaining credit must be taken in a separate semester.
       - Minor Ensembles include: Brass, Percussion, Piano, Madrigal Singers, Women’s Chorus, Opera Workshop, Woodwind, Jazz Ensemble, Jazz Combo, and Early Music Ensemble.
### UCF Degree Programs

#### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUT 2127 Music Theory and Musicianship IV</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MVK 2122 Class Piano IV</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MGF 1106 Finite Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Cultural &amp; Historical Foundation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUN XXXX Minor Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MVX 242X Performance II</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

#### Professional Sequence Entrance Interview

---

### Junior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUN 3211 Music History and Literature I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>Cultural &amp; Historical Foundation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVX 343X Performance III</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUX 3/4XXX Restricted Electives</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUN XXXX Minor Ensemble</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

#### Professional Sequence Entrance Review

---

### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVX 444X Performance IV</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Science Foundation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUN 3XXX Restricted Elective</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

#### Program B: Percussion

---

### Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 1121 Music Theory and Musicianship I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MVK 1111 Class Piano I</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUL 2014 Introduction to Music History and Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MVX 141X Performance I</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

#### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 1122 Music Theory and Musicianship II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MVK 1112 Class Piano II</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUS 2360C Introduction to Music Technology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MVX 141X Performance I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Science Foundation</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 2126 Music Theory and Musicianship III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MVK 2121 Class Piano III</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUG 3104 Basic Conducting</td>
<td>2 hrs</td>
</tr>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUN XXXX Minor Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MVX 242X Performance II</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

#### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 2126 Music Theory and Musicianship III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MUN 3443 Percussion Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUP 2421 Percussion II</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUG 3104 Basic Conducting</td>
<td>2 hrs</td>
</tr>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVK 2121 Class Piano III</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>Year</td>
<td>Semester</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Junior Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Program C: Piano</td>
<td></td>
</tr>
<tr>
<td>Freshman Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshman Year</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Program D: Guitar**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year</td>
<td>Fall</td>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 1122 Music Theory and Musicanship II</td>
<td>4 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3487 Guitar Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVS 1416 Guitar I</td>
<td>2 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUL 2014 Introduction to Music History and Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Freshman Year</td>
<td>Spring</td>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 1122 Music Theory and Musicanship II</td>
<td>4 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3487 Guitar Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVS 1416 Guitar I</td>
<td>2 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUL 2014 Introduction to Music History and Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Program D: Guitar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Fall</td>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 2126 Music Theory and Musicanship III</td>
<td>4 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3487 Guitar Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 2426 Guitar II</td>
<td>2 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MVK 2121 Class Piano III</td>
<td>1 hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>Spring</td>
<td>MUN 2127 Music Theory and Musicanship IV</td>
<td>4 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUN 3487 Guitar Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUG 3104 Basic Conducting</td>
<td>2 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUL 3XXX Restricted Electives</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**University of Central Florida**

267 Undergraduate Catalog 2014-2015
<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Junior Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUH 3211</td>
<td>Music History and Literature I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVS 3436</td>
<td>Guitar III</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUN 3487</td>
<td>Voice Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUT 4571</td>
<td>Analysis of Twentieth-Century Music</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVS 4346</td>
<td>Guitar IV</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Cultural &amp; Historical Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUX 3/4XXX Restricted Electives</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUN 3487</td>
<td>Guitar Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>Science Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUX 3/4XXX Restricted Elective</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>Free Elective</td>
<td>2 hrs</td>
<td></td>
</tr>
<tr>
<td><strong>Senior Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUN 3487</td>
<td>Guitar Ensemble</td>
<td>1 hr</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUX 3/4XXX Restricted Electives</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>Free Elective</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 1211</td>
<td>Music Theory and Musicianship I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MUS 1250</td>
<td>IPA for Singers</td>
<td>1 hr</td>
</tr>
<tr>
<td>MKV 1111</td>
<td>Class Piano I</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUL 2014</td>
<td>Introduction to Music History and Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVV 1411</td>
<td>Voice I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 1122</td>
<td>Music Theory and Musicianship II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MUS 3255</td>
<td>German and English Lyric Diction</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MKV 1112</td>
<td>Class Piano II</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUS 2360C</td>
<td>Introduction to Music Technology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVV 1411</td>
<td>Voice I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGF 1106</td>
<td>Finite Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUT 2126</td>
<td>Music Theory and Musicianship III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MUS 3254</td>
<td>Italian and French Lyric Diction</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MVK 2121</td>
<td>Class Piano III</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUG 3104</td>
<td>Basic Conducting</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MVV 2421</td>
<td>Voice II</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUT 2127</td>
<td>Music Theory and Musicianship IV</td>
<td>4 hrs</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVK 2122</td>
<td>Class Piano IV</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>STA 1063C</td>
<td>Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVV 2421</td>
<td>Voice II</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Cultural &amp; Historical Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td>Professional Sequence Entrance Review</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Junior Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUH 3211</td>
<td>Music History and Literature I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUT 4571</td>
<td>Analysis of Twentieth-Century Music</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MVV 3431</td>
<td>Voice III</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MVV 4441</td>
<td>Voice IV</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUN XXXX Minor Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td><strong>Senior Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUS 3953</td>
<td>Vocal Performance I</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MVV 3431</td>
<td>Voice III</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Cultural &amp; Historical Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>Foreign Language Elementary Level II</td>
<td>4 hrs</td>
<td></td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td>MUN XXXX Minor Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td><strong>Senior Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUL 3602</td>
<td>Song Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUS 4545</td>
<td>Vocal Performance II</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MVV 4441</td>
<td>Voice IV</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>Science Foundation</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>MUN XXXX Major Ensemble</td>
<td>1 hr</td>
<td></td>
</tr>
<tr>
<td><strong>Program Academic Learning Compacts</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:</td>
<td><a href="http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm">http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm</a></td>
<td></td>
</tr>
<tr>
<td><strong>Equipment Fees</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Part-Time Student: $45 per term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Full-Time Student: $90 per term</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Music Education (B.M.E.)**

College of Arts and Humanities

Department of Music,
Performing Arts Center - Music, Room: M203
http://music.cah.ucf.edu/
Email: musicaud@ucf.edu

Dr. Kelly Miller, Kelly.Miller@ucf.edu, 407-823-4545

**Admission Requirements**

**Admission Requirements - Music Education**
- Audition. To be accepted into Music Education, a student must demonstrate advanced proficiency by performing compositions representing a variety of musical periods (baroque, classical, romantic, contemporary).
- Memorization is required for pianists and vocalists.
- Accompanists are provided for vocalists only.
- Each candidate must bring his/her own audition music.
- The department will only provide large instruments such as a tuba, string, bass, or timpani for these auditions.
- The audition will serve as a placement exam for accepted candidates.
- Refer to the UCF Music Department website for specific audition requirements.

**Admission Requirements - Professional Program**
- Application into the Professional Program must be made at the conclusion of 45 hours of course work.
Students must complete a formal application for the Professional Program. (Deadlines: February 15 for Fall semester admission and September 15 for Spring semester admission). Transfers may be admitted on an individual basis at the discretion of the Music Education faculty. To apply for the Music Education Professional Program, students must:

- Complete 45 hours of coursework including: 15 hours of General Education Program courses, EDF 2005, MUT 2126, first semester of Performance II.
- Have a minimum overall GPA of 2.5 and a grade of “C” (2.0) or better in each performance, education, and music education course.
- Have on file in the University admissions office passing scores on the General Knowledge Test of the Florida Teacher Competency Examination.
- Provide satisfactory documentation and reflection on 15 hours of field experiences (See Music Education Coordinator for more information).

To be accepted into the Music Education Professional Program students must:

- Demonstrate proficiency with aural skills (including the ability to match pitch with the voice) and communication skills (including the ability to write and speak effectively).
- Complete MVK 2122, MUT 2127, and two semesters of Performance II.

Notes:

- (1) Students may not enroll in Performance III or Professional Program courses unless all requirements for admission are satisfied.
- (2) Students who change degree programs and select this major must adopt the most current catalog.
- (3) Common program prerequisites are subject to revision based on changes Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.5.086, Approval of Pre-service Teacher Preparation Programs.

Degree Requirements

- None

1. UCF General Education Program (GEP) (36 hrs)

(See General Education Program for detailed information)

A: Communication Foundations (9 hrs)

Prefer SPC 1608 Fundamentals of Oral Communication

Take all of the following: 6 hrs

Required ENC 1101 Composition I and ENC 1102 Composition II

B: Cultural & Historical Foundations (9 hrs)

Required MUH 3212 Music History and Literature I 3 hrs

Prefer AMH 2010 U.S. History: 1492-1877 3 hrs

Prefer AMH 2020 U.S. History: 1877-Present 3 hrs

C: Mathematical Foundations (6 hrs)

Math

Suggested MGF 1106 Finite Mathematics or MGF 1107 Explorations in Mathematics 3 hrs

Or you may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers 3 hrs

Select a course from GEP C.2 list

D: Social Foundations (6 hrs)

Prefer POS 2041 American National Government 3 hrs

Prefer PSY 2012 General Psychology 3 hrs

E: Science Foundations (6 hrs)

Prefer PSC 1121 Physical Science 3 hrs

2. Common Program Prerequisites (CPP) (38 hrs)

See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

EDF 2005 Introduction to the Teaching Profession 3 hrs

EME 2040 Introduction to Technology for Educators 3 hrs

EDF 2085 Introduction to Diversity for Educators 3 hrs

MUT 1121 Music Theory and Musicianship I 4 hrs

MUT 1122 Music Theory and Musicianship II 4 hrs

MUT 2126 Music Theory and Musicianship III 4 hrs

MUT 2127 Music Theory and Musicianship IV 4 hrs

MVX 2122 Class Piano IV 1 hr

MVX 2010 Music Forum 0 hrs

MVX 141X Performance I (2 semesters) 4 hrs

MVX 141X Performance II (2 semesters) 4 hrs

MVX 242X Performance II (2 semesters) 4 hrs

1 4 semesters

3. Core Requirements: Basic Level (5 hrs)

MVX 141X Performance I (2 semesters) CPP

MVX 242X Performance II (2 semesters) CPP

MVX 2010 Music Forum CPP

MUT 1121 Music Theory and Musicianship I CPP

MUT 1122 Music Theory and Musicianship II CPP

MUT 2126 Music Theory and Musicianship III CPP

MUT 2127 Music Theory and Musicianship IV CPP

MVX 2122 Class Piano IV CPP

MVX XXXX Major Ensembles (4 semesters) CPP

MVX 141X Performance I (2 semesters) CPP

MVX 242X Performance II (2 semesters) CPP

1 4 semesters

4. Core Requirements: Advanced Level (29 hrs)

MUG 3104 Basic Conducting 2 hrs

MUH 3211 Music History and Literature I 3 hrs

MUH 3212 Music History and Literature II GEP

MUE 3942 Music Internship I 3 hrs

Music Education Prerequisites- Advanced 17 hrs

MUG 3104 Basic Conducting 2 hrs

MUH 3211 Music History and Literature I and 3 hrs

MUH 3212 Music History and Literature II and GEP

MUE 3942 Music Internship I and 3 hrs

MUE 4311 Elementary School Music Methods and 2 hrs

MUE 3333 Music Learning Theory and Assessment 3 hrs

MVX 343X Performance III (2 Semesters) 4 hrs

Education Core 12 hrs

EDG 4410 Teaching Strategies and Classroom Management and 3 hrs

TSL 4080 Theory and Practice of Teaching ESOL 3 hrs

EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools and 3 hrs

RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

5. Restricted Electives (26 hrs)

Music Education Specialty Area Courses and Professional Program Courses

Complete one program

Program A - Instrumental

MUE 2346 Vocal Techniques 1 hr

MUG 3302 Instrumental Conducting and Materials 2 hrs

MUE 4332 Secondary Instrumental Methods I 3 hrs

MUE 4943 Music Internship II 12 hrs

Select 1: 3 hrs

MUE 4337 Secondary Instrumental Methods II or 3 hrs

MUE 4441 String Methods 3 hrs

Select 5: 5 hrs

MUE 2450 Woodwind Techniques I or 1 hr

MUE 3451 Woodwind Techniques II or 1 hr

MUE 2460 Brass Techniques or 1 hr

MUE 3461 Brass Techniques II or 1 hr

MUE 2470 Percussion Techniques or 1 hr

MUE 2471 Percussion Techniques II or 1 hr

MUE 2440 String Techniques 1 hr
Expected to provide their own transportation to assigned locations.

During the semester, students spend two full days per week (Tuesday and Thursday) in assigned locations. Possess minimum professional preparation GPA of 2.5.

Students are permitted to enroll in other classes only with the consent of the departmental advisor. Students are expected to maintain a record of participation at CMENC events. In addition, students are expected to document attendance at any event that promotes development as a music educator (e.g., music or music education conferences, workshops).

Admission to Internship I will be granted to students who meet the following requirements:

- Completion of all admission requirements for Internship I (see above).
- Completion of Performance III and any associated recital (students may not perform a recital during Internship II).
- Completion of all music methods and techniques courses.
- Completion of all General Education and Common Program courses.
- Internship II: Students are assigned to a school with certified Supervising Teachers under the direction of a University Coordinator five days a week for the entire semester, normally during the student’s last semester.

Students are permitted to enroll in other classes only with the consent of the departmental advisor. Students are expected to provide their own transportation to assigned locations.

Additional Requirements

- Admission to Internship II will be granted to students who meet the following requirements:
  - Completion of all admission requirements for Internship I (see above).
  - Completion of Performance III and any associated recital (students may not perform a recital during Internship II).
  - Completion of all music methods and techniques courses.
  - Completion of all General Education and Common Program courses.
  - Internship II: Students are assigned to a school with certified Supervising Teachers under the direction of a University Coordinator five days a week for the entire semester, normally during the student’s last semester.

Students are permitted to enroll in other classes only with the consent of the departmental advisor. Students are expected to provide their own transportation to assigned locations.

Special Non-Course Requirements

- Note: Contact the Music Education Advisor for details.
- Students should register to take the General Knowledge Test of the Florida Teaching Certification Examination (FTCE) before the third semester of enrollment at UCF. (See http://www.fl.nesinc.com for test information.)
- Electronic Portfolio. Students will develop an electronic portfolio while enrolled in upper division education courses and internship. The portfolio requires demonstration of professional growth, reflection, and proficiency in the 12 Florida Educator Accomplished Practices. Consult with the Music Education Advisor for specific information regarding portfolio construction.

Ensemble Participation

- Selected from University Chorus, Women’s Chorus, Symphony Orchestra, Concert Band, and Wind Ensemble. Four hours of Jazz Lab or one hour of Marching Band may be used to fulfill Major Ensemble requirements.
- Students whose primary instrument is a wind instrument must audition for Wind Ensemble whenever it is offered.
- Ensemble assignment is by the Ensemble directors in consultation with the applied faculty.
- Transfer students must take Major Ensemble during each of their remaining semesters, except when enrolled in Internship II.
- Native UCF students must take each Major Ensemble credit in separate semesters.
- Students enrolled in a Performance course must concurrently enrolled in an appropriate major ensemble if accepted.

Recitals

- Students must complete a faculty-approved public recital (optional for students in the Elementary School Music Specialization). Recitals are normally performed while concurrently enrolled in the second semester of Performance III.

CMENC Membership

- Active participation in CMENC is expected. Students are expected to maintain a record of participation at CMENC events. In addition, students are expected to document attendance at any event that promotes development as a music educator (e.g., music or music education conferences, workshops).

Music Education Forums

- Attendance at all Music Education Forums (except during Internship I and II) is expected
Public School Partnerships
- Students are expected to be in K-12 schools each semester. Prior to internship experiences, students are expected to observe, assist, and teach in variety of grade levels and settings (e.g., urban, suburban, general, choral, instrumental). Students are expected to maintain a record of and reflections on all field experiences as this will be required for the Music Education Proficiency Examination.

10. Required Minors
- None

11. Departmental Exit Requirements
- Have on file passing scores for the General Knowledge, Professional Education, and Subject Area subtests of the Florida Teacher Certification Examination. (See for specific test information)
- A minimum GPA of 2.5 is required in all courses within the major.
- A grade of “C” (2.0) or better in each performance and music education course.
- Departmental Residency Requirement: at least 25 hours must be taken from the UCF Music Department. In addition, music education students must complete their last two semesters of required performance, recital, and Internship II while attending UCF.
- Computer competency is met through the following:
  - MUE 3693 Technology in Music Education 2 hrs

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 134

Honors In Major
- None

Related Programs
- Music
- Theatre

Certificates
- Florida Teaching Certification: Music K-12

Related Minors
- Music
- Theatre

Advising Notes
- Consult with the music education advisor for course selection

Transfer Notes
- Students transferring to UCF must pass an audition and interview in order to be accepted into the music education program (See Admissions Requirements above).
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- NOTE: Education majors are required to take six hours (in addition to EDF 2085) that have an international or diversity focus. While native UCF students complete this requirement as part of the GEP, transfer students must take appropriate courses that have been so designated by their previous institution.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- Take General Knowledge Test after spring semester of Freshman Year.
- Apply for Professional Program after spring semester of Sophomore year.
- Take PET and Music Examination of FTCE after sophomore year.
- As indicated in the Plan of Study, all 3 remaining GEP classes will be taken during the summer semester of the Senior year.

Program A - Instrumental Program K-12:

**Freshman Year - Fall** 18 hrs
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- MUT 1121 Music Theory and Musicmanship I 4 hrs
- MVK 1111 Class Piano I 1 hr
- MUE 2346 Vocal Techniques 1 hr
- MUS 1010 Music Forum 0 hrs
- MVX 141X Performance I 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools GEP 3 hrs
- GEP 3 hrs

**Freshman Year - Spring** 18 hrs
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MVK 1112 Class Piano II 1 hr
- MUT 1122 Music Theory and Musicanship II 4 hrs
- MUS 1010 Music Forum 0 hrs
- GEP 3 hr
- MVX 141X Intro to Music Literature 3 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools GEP 3 hrs

**Sophomore Year - Fall** 16 hrs
- MUT 2126 Music Theory and Musicanship III 4 hrs
- MVK 2121 Class Piano III 1 hr
- MUH 3211 Music History and Literature I 3 hrs
- MUS 1010 Music Forum 0 hrs
- GEP 3 hrs
- MUE XXXX Techniques 1 hr
- MUE XXXX Techniques 1 hr
- MVX 242X Performance II 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

**Sophomore Year - Spring** 16 hrs
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- MUT 2127 Music Theory and Musicanship IV 4 hrs
- MVK 2122 Class Piano IV 1 hr
- MUH 3212 Music History and Literature II 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUE XXXX Techniques 1 hr
- MUE XXXX Techniques 1 hr
- MVX 242X Performance II 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

**Junior Year - Fall** 15 hrs
- MUG 3104 Basic Conducting 2 hrs
- MUE 4332 Secondary Instrumental Methods I 3 hrs
- EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
- MUS 1010 Music Forum 0 hrs
- MVX 343X Performance III 1 hr
- MUN XXXX Ensemble 2 hrs
- CMENC/Schools

**Junior Year - Spring** 16 hrs
- MUG 3302 Instrumental Conducting and Materials 1 hr
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUS 3953 Recital Performance I 0 hrs
### Select 1:
- MUE 4335 Secondary Choral Methods II or MUE 4441 String Methods or GE
- MVE 343X Performance III
- MUN XXXX Ensemble
- CMENC/Schools

### Senior Year - Fall
- ESE 3940 Internship I - Secondary 3 hrs
- MUE 3333 Music Learning Theory and Assessment 3 hrs
- TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
- Students in Schools
- MUE 4311 Elementary School Music Methods 2 hrs
- GEP
- CMENC
- CMENC

### Senior Year - Spring
- ESE 4943 Internship II - Secondary 7 hrs
- MUE 4394 Seminar in Music Teaching 1 hr
- GEP
- CMENC

### Senior Year - Summer
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs

### Program B - Choral Program K-12

#### Freshman Year - Fall
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- MUT 1121 Music Theory and Musicianship I 4 hrs
- MVK 1111 Class Piano I 1 hr
- MUS 1250 IPA for Singers 1 hr
- MUS 1010 Music Forum 0 hrs
- GEP
- MVX 141X Performance I 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

#### Freshman Year - Spring
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MUT 1122 Music Theory and Musicianship II 4 hrs
- MVK 1112 Class Piano II 1 hr
- MUS 1010 Music Forum 0 hrs
- GE
- MVX 141X Performance I 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

#### Sophomore Year - Fall
- MUS 1010 Music Forum 0 hrs
- MVT 2126 Music Theory and Musicianship III 4 hrs
- MVK 2121 Class Piano III 1 hr
- MUH 3211 Music History and Literature I 3 hrs
- GE
- MUE XXXX Techniques 1 hr
- MVX 242X Performance II 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

#### Sophomore Year - Spring
- MUS 1010 Music Forum 0 hrs
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- MVK 2122 Class Piano IV 1 hr
- MUH 3212 Music History and Literature II 3 hrs
- MVE XXXX Techniques 1 hr
- MVX 242X Performance II 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

#### Junior Year - Fall
- MUS 1010 Music Forum 0 hrs
- MUG 3104 Basic Conducting 2 hrs
- MUE 4331 Secondary Choral Methods I 3 hrs
- EDF 4410 Teaching Strategies and Classroom Management 3 hrs
- MVX 4640 Voice Pedagogy 2 hrs
- MVX 343X Performance III 2 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

#### Junior Year - Spring
- MUS 1010 Music Forum 0 hrs
- MUG 3104 Basic Conducting 2 hrs
- MUE 4331 Elementary School Music Methods 2 hrs
- EDF 4410 Teaching Strategies and Classroom Management 3 hrs
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
- MUE 4393 Music and Students with Special Needs 2 hrs

---

**UNIVERSITY OF CENTRAL FLORIDA**

272 Undergraduate Catalog 2014-2015
Partial coursework for the undergraduate nursing program:

**Junior Year - Spring**
- MUS 1010: Music Forum (3 hrs)
- MUE 3333: General Music Literature and Techniques (2 hrs)
- RED 4043: Content Reading in Kindergarten through Grade 12 (3 hrs)
- MUS 3953: Recital Performance I (0 hrs)
- EME 2040: Introduction to Technology for Educators (3 hrs)
- MUS 2360C: Introduction to Music Technology (3 hrs)
- MUG 3X02: Choral or Instrumental Conducting (2 hrs)
- GEP: Core Elective (3 hrs)
- MVX 343X: Performance I (2 hrs)
- MUN XXXX Ensemble (1 hr)

**Senior Year - Fall**
- ESE 3940: Internship I - Secondary (3 hrs)
- MUE 3333: Music Learning Theory and Assessment (3 hrs)
- Select 1:
  - MUE 4331: Secondary Choral Methods I or II (3 hrs)
  - TSL 4080: Theory and Practice of Teaching ESOL (3 hrs)
  - GEP: Core Elective (3 hrs)
  - CMENC: Core Elective (3 hrs)

**Senior Year - Spring**
- ESE 4943: Internship II - Secondary (7 hrs)
- MUE 4394: Seminar in Music Teaching (1 hr)
- MUE 4943: Music Internship II (12 hrs)
- GEP: Core Elective (3 hrs)
- CMENC: Core Elective (3 hrs)

**Program Academic Learning Compacts**
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

**Equipment Fees**
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

**Nursing (B.S.N.)**
**College of Nursing**
**UTWR, Room: 3rd floor**
**http://www.nursing.ucf.edu**
**Email: ucnurse@ucf.edu**

Dr. Mary Lou Sole, Interim Dean
Dr. Maureen Covelli, Associate Dean, Undergraduate
Dr. Kelly Allred, Undergraduate Coordinator
Patricia Leli, Clinical Education Coordinator
Phone: 407-823-2744

For individuals who are not Registered Nurses.

The College of Nursing has a demanding curriculum. The classes are work-intensive and courses include clinical practice in a variety of settings. Due to this, it is strongly recommended that students be at least one year post high school prior to applying to the basic nursing program. Students with concerns or questions should contact the College of Nursing Undergraduate Student Services Office for an appointment with a basic faculty advisor.

Graduates are eligible to take the National Council Licensure Examination for registered nurses (NCLEX-RN). The program is accredited by the Commission on Collegiate Nursing Education (CCNE) and approved by the Florida State Board of Nursing.

**Admission Requirements**
- Acceptance to the university does not constitute admission to the upper division nursing program
- Separate application to the limited access program must be made directly to the College of Nursing by the posted deadline. For application deadlines, please visit [http://www.nursing.ucf.edu](http://www.nursing.ucf.edu).

- Application for admission to the university must also be submitted by the program application deadline.
- All general education, foreign language, and program prerequisite requirements must be completed prior to the start of the program. Students who transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.
- All applicants must have a minimum overall GPA of 3.0
- Selected applicants will be invited to a mandatory personal interview session
- A standardized test and predetermined cutoff score will be required for acceptance to the College of Nursing. Information regarding this test can be found at [http://www.nursing.ucf.edu](http://www.nursing.ucf.edu).
- All applicants are encouraged to attend an information session, prior to submitting the application.
- Criminal background checks including fingerprints are required for all applicants to the undergraduate nursing program. The results are reviewed as part of the admission process and may be grounds for denying a student admission to the College of Nursing.
- At least seven (7) of the eight (8) Common Program Prerequisites must be completed by the program application deadline. This includes 3 courses from Group A, and the remainder from Groups A or B.

**Group A**: 9 hrs
- A minimum of three courses, with a grade of C (2.00) or better.
- May take Anatomy and Physiology sequence (AP I & II) of six-eight total credits
  - Microbiology with Lab (4 hrs)
  - Anatomy with Lab (4 hrs)
  - Physiology with Lab (4 hrs)
  - General Chemistry (or other approved science) (3 hrs)

**Group B**: 9 hrs
- A minimum of three courses, with grade of C (2.0) or better at time of application.
- All courses must be completed before program begins.
  - Sociology or Psychology (3 hrs)
  - Developmental Psychology (3 hrs)
  - Human Nutrition (3 hrs)
  - Statistics (3 hrs)

**Degree Requirements**
- Students who change degree programs and select this major must adopt the most current catalog year, including any minors
- Students should consult with a college advisor or Florida College System A.A. transfer advisor regarding completion of General Education requirements and the Common Program Prerequisites
- A minimum overall GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation and graduation from the Nursing Program
- UCF Residency Requirement: 30 hours

1. **UCF General Education Program (GEP)**: 38 hrs
   - Note: Certain courses must be selected in the GEP for this major, bringing the total GEP hours to more than 36. The courses designated in sections 1 and 2 below may be taken at a Florida College System or State University System institution, and should be completed in the first 60 hours.

   **A: Communication Foundations** (9 hrs)
   **B: Cultural & Historical Foundations** (9 hrs)
   **C: Mathematical Foundations** (6 hrs)
   
   1. **Mathematics** (3 hrs)
      - You may substitute a higher level math with appropriate scores on the Math Placement Test. Preferred: MAC 1105C College Algebra (3 hrs)
   2. **Statistics** (3 hrs)
      - Required: STA 2014C Principles of Statistics or STA 2023 Statistical Methods I (3 hrs)
### UCF Degree Programs

#### D: Social Foundations (6 hrs)
- **Economics/Political Science**
  - Prefer ECO 2013 Principles of Macroeconomics or
  - Prefer ECO 2023 Principles of Microeconomics or
  - Prefer POS 2041 American National Government

#### 2. Social Sciences (3 hrs)
- Prefer PSY 2012 General Psychology or
- Prefer SYG 2000 Introduction to Sociology

#### E: Science Foundations (8 hrs)
- **Physical Sciences**
  - Suggested CHM 1032 General Chemistry or
  - Required BSC 2010C Biology I
- **Life Sciences**
  - Suggested PCB 3703C Human Physiology or
  - Required HUN 3011 Human Nutrition

#### 2. Common Program Prerequisites (CPP) (21 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information and possible substitutions.
- Some of these courses have prerequisites that must be taken first.
- Students should consult with an advisor in the College of Nursing for clarification of questions regarding prerequisite requirements.
- Any variation from the stated prerequisites must be approved in writing by the College of Nursing. Petition forms are available on the College of Nursing website at [http://www.nursing.ucf.edu](http://www.nursing.ucf.edu)

#### 3. Core Requirements: Basic Level
- **Select 1:**
  - STA 2014C Principles of Statistics or
  - STA 2023 Statistical Methods I

#### 4. Core Requirements: Advanced Level (62 hrs)
- Any variation from the following must be approved in advance by the College of Nursing.

#### 5. Restricted Electives (3 hrs)
- **Nursing Electives**
  - One College of Nursing elective

#### 7. Foreign Language Requirements
- **Admissions**
  - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

#### 8. Electives
- None

#### 9. Additional Requirements
- Students pursuing a BS degree must meet the University foreign language admission requirements before admission.
- Mandatory Drug Screening is required prior to admission and "on demand" for continuation in the program. Students must:
  - Complete all courses in major with at least a "C" (2.0).
  - Maintain a UCF GPA of 2.5 or above.
  - Maintain a College of Nursing GPA of 2.5 or above.

#### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 122

### Honors In Major
- Honors Option Requires:
  - Open to students with a minimum 3.5 GPA in Nursing.
  - Completion of a three credit directed readings course.
  - Completion of a three credit thesis course.
  - Must earn a minimum cumulative UCF 3.2 GPA.
  - Completion of 60 semester hours of college credit, including 12 graded upper division hours at UCF.

### Related Programs
- Health Services Administration
- Social Work

### Certificates
- Aging Studies

### Related Minors
- Psychology
- Health Sciences
- Health Services Administration

### Advising Notes
- None

### Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Nursing courses transferred from private and out-of-state schools must be evaluated for equivalency credit by the undergraduate program coordinator. The student must provide all supporting information.
Acceptable Substitutes for Transfer Courses

- The following substitutions for Common Program Prerequisites are acceptable if taken prior to transferring to UCF:
  - CHM 1032: May substitute any college Chemistry course
  - DEP 2004C: May substitute any Human Growth & Development course
  - HUN 3011: May substitute any Human Nutrition course
  - MCB 2004C: May substitute any General Microbiology course which has a lab.
  - PCB 3703C: May take Anatomy and Physiology sequence
  - PSY 2012: May substitute any General Psychology course.
  - STA 2014C: May substitute STA2023 or equivalent.

Plan of Study

**Freshman Year - Fall**
- 13 hrs
  - MAC 1105C College Algebra
  - BSC 2010C Biology I
  - 1 GEP
  - Select 1: 3 hrs
    - SYG 2000 Introduction to Sociology or
    - PSY 2012 General Psychology
  - 3 hrs

**Freshman Year - Spring**
- 13 hrs
  - 1 STA 2023 Statistical Methods I
  - CHM 1032 General Chemistry
  - 2 GEP
  - Select 1: 3 hrs
    - DEP 2004C Developmental Psychology or
    - SOW 3104 Assessing I: Human Development
  - 3 hrs

**Sophomore Year - Fall**
- 13 hrs
  - ZOO 3733C Human Anatomy
  - GEP
  - HUN 3011 Human Nutrition
  - Select 1: 3 hrs
    - SOW 3104 Assessing I: Human Development or
    - DEP 2004C Developmental Psychology
  - 3 hrs

**Sophomore Year - Spring**
- 13 hrs
  - PCB 3703C Human Physiology
  - GEP
  - GEP
  - Junior Year - Fall
  - 15 hrs
    - NUR 3825 The Role of the Professional Nurse
    - NUR 3065 Health Assessment
    - NUR 3065L Health Assessment Lab
    - NUR 3028 Essentials of Nursing Practice
    - NUR 3755L Essentials of Nursing Practice Clinical
    - NUR 3028L Essentials of Nursing Practice Lab
    - NUR 3634 Community Health Nursing
    - NUR 3634L Community Health Nursing Clinical
  - Junior Year - Spring
  - 16 hrs
    - NUR 3125 Pathophysiology for Nursing Practice
    - NUR 3145 Pharmacology for Nursing Practice
    - NUR 3225 Nursing Care of the Adult I
    - NUR 3225L Nursing Care of the Adult I Clinical Practice
    - NUR 3445 Nursing Care of Families
    - NUR 3445L Nursing Care of Families Clinical

**Junior Year - Summer**
- 6 hrs
  - NUR 3165 Nursing Research
  - NUR 4837 Health Care Issues, Policy, and Economics
  - NUR XXXX Nursing Elective

**Senior Year - Fall**
- 12 hrs
  - NUR 4227 Nursing Care of the Adult II
  - NUR 4227L Nursing Care of the Adult II Clinical Practice
  - NUR 4535 Psychiatric Mental Health Nursing
  - NUR 4535L Psychiatric Mental Health Clinical
  - NUR XXXX Nursing Elective if needed

**Senior Year - Spring**
- 13 hrs
  - NUR 4257 Introduction to Critical Care Nursing
  - NUR 4945L Nursing Pracitcum
  - NUR 4637 Public Health Nursing
  - NUR 4637L Public Health Nursing Clinical
  - NUR 4828 Leadership, Management and Role Transition

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

Equipment Fees

- Part-Time Student: $25 per term
- Full-Time Student: $50 per term

Nursing - Concurrent A.S.N. to B.S.N. enrollment option (B.S.N.)

**College of Nursing**
**UTWR- 3rd Floor**
**Email: ucfnurse@ucf.edu**

Dr. Mary Lou Sole, Interim Dean
Dr. Maureen Covelli, Assoc. Dean Undergraduate
Dr. Stephen Heglund, Concurrent Program Coordinator
Phone: 407-823-2744

A partnership between selected Florida College System institutions and UCF College of Nursing to allow qualified Associate of Science in Nursing (ASN) students to enroll in the RN to BSN program while completing the ASN program. This program allows simultaneous enrollment in both associate and baccalaureate nursing programs.

**Admission Requirements**

- Acceptance to the University does not constitute admission to this program. Only students admitted to the Florida College System institution Nursing Programs are eligible for this enrollment option. Upon invitation, if not already admitted to UCF, students must make separate application to UCF and College of Nursing. Students are accepted into this program for their first semester of nursing and must progress according to a designated plan of study.
- Students must be accepted by UCF prior to beginning the ASN program. Upon completion of the ASN and successful licensure as a Registered Nurse, students will enroll in remaining UCF nursing upper division courses to complete the BSN.
- Criminal background checks and drug screening may be required for all Concurrent students prior to their registering for the final practicum course NUR 4604L.

At the time of application, students must have:

- A cumulative GPA of 3.0 or above.
- Completed application to a Florida College System institution ASN Nursing program.
- An AA degree from a Florida College System or State University System institution or have met ALL UCF General Education requirements prior to program start.
- Met UCF Foreign Language admission requirement prior to program start.
UCF Degree Programs

- Completed seven out of eight pre-requisite coursework for UCF and all of the ASN nursing programs by application deadline.
- A satisfactory score on the standardized entry test(s) required by both programs.

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog year, including minors.
- Students should consult with a college advisor or Florida College System A.A. transfer advisor regarding completion of General Education Program requirements.
- Students should consult with an advisor in the Concurrent Nursing program for clarification of questions regarding prerequisite requirements.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System or State University System institution.
- A minimum overall GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation in and graduation from the nursing program.
- UCF Residency Requirement: 30 hours.
- The courses designated in sections 1 (General Education) and 2 (Common Program Prerequisites) should usually be completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
Select 1: STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs
D: Social Foundations (6 hrs)
Select 1: SYG 2000 Introduction to Sociology or PSY 2012 General Psychology 3 hrs
Select 1: ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics or POS 2041 American National Government 3 hrs

E: Science Foundations (7 hrs)
Required BSC 2010C Biology I 4 hrs
Required CHM 1032 General Chemistry 3 hrs

1 Science Foundation is six credit hours for General Education Program. This BSC course is needed as a course prerequisite for Anatomy and Physiology and Health Microbiology.
2 or other Physical Science

2. Common Program Prerequisites (CPP) (18 hrs)
- Applicants should see a UCF Nursing Advisor for possible course substitutions.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

MCB 2004C Microbiology for Health Professionals 4 hrs
1 CHM 1032 General Chemistry GEP
2 ZOO Human Anatomy 4 hrs
3733C PCB Human Physiology 4 hrs
HUN 3111 Human Nutrition 3 hrs
Select 1: STA 2023 Statistical Methods I or STA 2014C Principles of Statistics GEP
Select 1: SYG 2000 Introduction to Sociology or PSY 2012 General Psychology GEP
Select 1: DEP 2004C Developmental Psychology 3 hrs

1 Or other approved science. Also meets General Education Requirements; Applicants should see a UCF Nursing Advisor for possible course substitutions.
2 May take Anatomy and Physiology sequence (AP I & II) of six-eight total credits.
3 Also meets General Education Requirements; Applicants should see a UCF Advisor.
4 Also meets General Education Requirements; Applicants should see an advisor.

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (55 hrs)
Core UCF Requirements 28 hrs
NUR 3065 Professional Socialization Seminar 1 hr
NUR 3065L Health Assessment Lab 1 hr
NUR 3805 Dimensions of Professional Nursing Practice 3 hrs
NUR 3165 Nursing Research 3 hrs
NUR 3634 Community Health Nursing 3 hrs
NUR 4837 Health Care Issues, Policy, and Economics 3 hrs
NUR 4628 Nursing Leadership, Management and Role Transition 3 hrs
NUR 4637 Public Health Nursing 2 hrs
NUR 4604L Practicum in Community and Public Health Nursing for RNs 4 hrs
NUR 3125 Pathophysiology for Nursing Practice 3 hrs

Upper Division Credit 27 hrs
May be met by validation
NUR 3028 Essentials of Nursing Practice 2 hrs
NUR 3028L Essentials of Nursing Practice Lab 1 hr
NUR 3755L Essentials of Nursing Practice Clinical 2 hrs
NUR 3225 Nursing Care of the Adult I 3 hrs
NUR 3225L Nursing Care of the Adult I: Clinical Practice 2 hrs
NUR 3445 Nursing Care of Families 3 hrs
NUR 3445L Nursing Care of Families Clinical 2 hrs
NUR 4227 Nursing Care of the Adult II 4 hrs
NUR 4227L Nursing Care of the Adult II: Clinical Practice 3 hrs
NUR 4535 Psychiatric Mental Health Nursing 3 hrs
NUR 4535L Psychiatric Mental Health Clinical 2 hrs

5. Restricted Electives (3 hrs)
Any one upper division nursing elective

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to program start.

Graduation
- None

8. Electives
- variable to meet degree requirements

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Completion of all courses in major with a grade of “C” (2.0) or better
- Overall Cumulative GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.
Nursing - R.N. to B.S.N. Program (B.S.N.)

College of Nursing

UTWR, Room: 3rd floor

http://www.nursing.ucf.edu

Email: ucfnurse@ucf.edu

Dr. Stephen Heglund, RN to BSN Coordinator
Dr. Maureen Covelli, Assoc. Dean Undergraduate
Dr. Mary Lou Sole, Interim Dean
Phone: 407-823-2744

BSN completion program for individuals who are licensed RNs. Students must complete all university-wide graduation requirements (general education, foreign language, Gordon Rule, etc.). All courses are available online and some courses may be offered face-to-face as well. For more information, see http://distrib.ucf.edu/home, and http://www.nursing.ucf.edu.

Admission Requirements

Acceptance to the university does not constitute admission to the upper division nursing program. Separate application to the limited access program must be made directly to the College of Nursing. All applicants must have:

- Admission to UCF undergraduate program; graduation from an approved or accredited associate degree or diploma nursing program; current Licensure as an RN and, have either completed the UCF General Education Program (GEP) requirements or completed an AA degree from a Florida College System or State University System institution.
- Completion of program prerequisite courses with a minimum overall GPA of 2.5 and a minimum 2.5 GPA in the major.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog year, including minors.
- Students should consult with a college advisor or Florida College System A.A. transfer advisor regarding completion of General Education Program requirements.

- Students should consult with an advisor in the College of Nursing Undergraduate Student Services Office for clarification or questions regarding Common Program Prerequisites (CPP) requirements.
- The courses designated in sections 1 and 2 below may be transferred from a Florida College System or State University System institution.
- A minimum overall GPA of 2.5 and a minimum 2.5 GPA in the major are required for continuation in and graduation from the program.
- UCF Residency Requirement: 30 hours.
- The courses designated in sections 1 (General Education - 36 hours) must be completed prior to enrolling in NUR 3634 - Community Health Nursing.
- The Foreign Language graduation requirement must be completed before enrolling in NUR 3634 - Community Health Nursing.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- STA 2023 Statistical Methods I 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- STA 2014C Principles of Statistics or 3 hrs

C: Mathematical Foundations (6 hrs)
- STA 2014C Principles of Statistics or 3 hrs

Select 1: 3 hrs

D: Social Foundations (6 hrs)
- STA 2014C Principles of Statistics or 3 hrs

Select 1: 3 hrs

1 Required SYG 2000 Introduction to Sociology or 3 hrs
1 Required PSY 2012 General Psychology 3 hrs

Select 1: 3 hrs

E: Science Foundations (6 hrs)
- STA 2014C Principles of Statistics or 3 hrs

Required BSC 2010C Biology I 4 hrs
1 Required CHM 1032 General Chemistry 3 hrs
1 Science Foundation is 6 credit hours for General Education Program. The BSC course is needed as a course prerequisite for Anatomy and Physiology and Health Microbiology. Chemistry is a prerequisite for Nutrition(HUN 3011).

Required BSC 2004C Microbiology for Health Professionals 4 hrs

1 Required PSY 2012 General Psychology 3 hrs

Select 1:

Required SYG 2000 Introduction to Sociology or 3 hrs
3 PCB 3703C Human Physiology 4 hrs

HUN 3011 Human Nutrition 3 hrs

2. Common Program Prerequisites (CPP) (18 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

Select 1:

Required SYG 2000 Introduction to Sociology or 3 hrs

Required CHM 1032 General Chemistry 3 hrs

1 Also meets General Education Requirements; Applicants should see a UCF Nursing Advisor for possible course substitutions.

2 (or other approved Science) Also meets General Education Requirements; Applicants should see a UCF Nursing Advisor for possible course substitutions.

3 May take Anatomy and Physiology sequence (AP I & II) of six-eight total credits
UCF Degree Programs

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level (54 hrs)
   **UCF Core** 27 hrs
   - NUR 3805 Dimensions of Professional Nursing 3 hrs
   - NUR 3065 Health Assessment 2 hrs
   - NUR 3065L Health Assessment Lab 1 hr
   - NUR 3125 Pathophysiology for Nursing Practice 3 hrs
   - NUR 3165 Nursing Research 3 hrs
   - NUR 3634 Community Health Nursing 3 hrs
   - NUR 4837 Health Care Issues, Policy, and Economics 3 hrs
   - NUR 4604L Practicum in Community and Public Health 4 hrs
     - Nursing for RNs: Transition
   - NUR 4828 Leadership, Management and Role 3 hrs
     - Public Health Nursing 2 hrs

   **Upper Division Credit** 27 hrs
   - Upper Division Credit may be met by Validation and RN License.
     - NUR 3028 Essentials of Nursing Practice 2 hrs
     - NUR 3755L Essentials of Nursing Practice Clinical 2 hrs
     - NUR 3028L Essentials of Nursing Practice Lab 1 hr
     - NUR 3225 Nursing of the Adult I 3 hrs
     - NUR 3225L Nursing of the Adult I: Clinical Practice 2 hrs
     - NUR 3445 Nursing of the Adult II 3 hrs
     - NUR 3445L Nursing of the Adult II Clinical Practice 2 hrs
     - NUR 4227 Nursing of the Adult III 4 hrs
     - NUR 4227L Nursing of the Adult III: Clinical Practice 3 hrs
     - NUR 4535 Psychiatric Mental Health Nursing 3 hrs
     - NUR 4535L Psychiatric Mental Health Clinical 2 hrs

5. Restricted Electives (3 hrs)
   - Any one upper division nursing elective (NUR, NSP, NGR prefix)

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   **Admissions**
   - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to enrollment in NUR 3634.

   **Graduation**
   - None

8. Electives
   - Variable to meet degree requirements

9. Additional Requirements
   **Progression Requirements:**
   - A criminal background check and mandatory Drug Screening may be required prior to any clinical course and “on demand” for continuation in the program.
   - Complete all courses in major with at least a “C” (2.0).
   - Maintain a UCF GPA of 2.5 or above.
   - Maintain a College of Nursing GPA of 2.5 or above.
   - Prior to NUR 3634 Community Health Nursing: 1) admission to the Nursing Program; 2) complete general education requirements or A.A. from a Florida College System or State University System institution; 4) complete foreign language admission requirement

   **Other:**
   - Selected courses may be offered at regional campuses of Daytona, Cocoa, and Leesburg.
   - The RN to BSN coursework is offered online. Some on-campus labs and clinical practice may be required. For more information visit http://www.nursing.ucf.edu.
   - A maximum of 6 upper division credit hours of Nursing courses may be transferred from another institution.

10. Required Minors
    - None

11. Departmental Exit Requirements
    - Completion of all courses in major with a grade of “C” (2.0) or better

12. University Minimum Exit Requirements
    - Overall cumulative GPA of 2.5 or above
    - College of Nursing GPA of 2.5 or above

**UCF Core Requirements**
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

**Total Semester Hours Required**
- 120

**Honors In Major**
- Contact Program Coordinator or HIM Advisor

**Related Programs**
- Health Sciences Administration
- Social Work

**Certificates**
- Aging Studies

**Related Minors**
- Health Sciences Administration
- Health Information Management
- Health Services Administration
- Psychology

**Advising Notes**
- Students are required to design an individual plan of study with an advisor. An example plan is noted below. Any changes to that plan must be made in consultation with the advisor. Failure to do so may result in a delay of program progression and/or graduation.

**Transfer Notes**
- None

**Acceptable Substitutes for Transfer Courses**
- None

**Plan of Study** (30 hrs)
- Assuming general education, foreign language, and nursing prerequisites are complete

**Junior Year - Fall**
- NUR 3805 Dimensions of Professional Nursing 3 hrs
- NUR 3125 Pathophysiology for Nursing Practice 3 hrs

**Junior Year - Spring**
- NUR 3065 Health Assessment 2 hrs
- NUR 3065L Health Assessment Lab 1 hr

**Junior Year - Summer**
- NUR 4837 Health Care Issues, Policy, and Economics 3 hrs
- NUR 3634 Community Health Nursing 3 hrs

**Senior Year - Fall**
- NUR 4828 Leadership, Management and Role 3 hrs
- Transition
- NUR/NSP XXXX Nursing Elective 3 hrs

**Senior Year - Spring**
- NUR 4604L Practicum in Community and Public Health 4 hrs
- Nursing for RNs: Transition
- NUR 4837 Public Health Nursing 2 hrs

**Program Academic Learning Compacts**
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

**Equipment Fees**
- Part-Time Student: $25 per term
- Full-Time Student: $50 per term
Admission Requirements

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a “C” (2.0) in each required course.
- Co-op or internship credit cannot be used in this major without prior departmental approval.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Required HUM 2210 Humanistic Tradition I 3 hrs
- Required HUM 2230 Humanistic Tradition II 3 hrs
- Required PHI 2010 Introduction to Philosophy 3 hrs

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (6 hrs)
- Suggested MGF 1106 Finite Mathematics or 3 hrs
- Suggested MGF 1107 Explorations in Mathematics or 3 hrs

2. Common Program Prerequisites (CPP) (6 hrs)

3. Core Requirements: Basic Level (36 hrs)

HUM 2210 Humanistic Tradition I GEP
HUM 2230 Humanistic Tradition II GEP
PHI 2010 Introduction to Philosophy GEP

4. Core Requirements: Advanced Level (36 hrs)

PHI 3083 Research Methods in Philosophy 3 hrs
PHI 4938 Senior Research Seminar 3 hrs

1 To be completed before the end of Junior year as a prerequisite to enrollment in Senior courses.

Reasoning (6 hrs)

Select 2:

PHI 2011 Philosophical Reasoning or 3 hrs
PHI 2101 Formal Logic I or 3 hrs
PHI 2108 Critical Thinking or 3 hrs
PHI 2847 Logic and Ethics or 3 hrs
PHI 3131 Formal Logic II 3 hrs

History of Philosophy (9 hrs)

Select 2:

PHI 3100 Ancient Philosophy or 3 hrs
PHI 3200 Medieval Philosophy or 3 hrs
PHI 3460 Modern Western Philosophy 3 hrs

Select 1:

PHI 3600 Contemporary Philosophy or 3 hrs
PHI 3510 Marx and Nietzsche or 3 hrs
PHI 3700 American Philosophy or 3 hrs
PHI 3790 African Philosophy 3 hrs

Values and Society (6 hrs)

Select 2:

PHI 3626 Advanced Ethics in Science and Technology or 3 hrs
PHM 3401 Philosophy of Law or 3 hrs
PHI 3800 Aesthetics or 3 hrs
PHI 3123 Feminist Theories or 3 hrs
PHI 3638 Ethical Issues in the 21st Century or 3 hrs
PHI 3625 Virtual Ethics or 3 hrs
PHI 4833 Ethics and Biological Science or 3 hrs
PHM 3100 Freedom and Justice or 3 hrs
PHI 3640 Environmental Ethics or 3 hrs
PHM 4031 Environmental Philosophy or 3 hrs
PHI 3701 Native American Philosophy or 3 hrs
PHI 3805 Contemporary Aesthetics or 3 hrs
HUM 4823 Queer Theory in the Humanities 3 hrs

Being and Knowing (6 hrs)

Select 2:

PHI 4500 Metaphysics or 3 hrs
PHI 4341 Ways of Knowing or 3 hrs
PHI 4300 Theories of Knowledge or 3 hrs
PHI 3700 Philosophy of Religion or 3 hrs
PHI 4400 Philosophy of Science or 3 hrs
PHI 3320 Philosophy of Mind or 3 hrs
PHI 3451 Philosophy of Psychology or 3 hrs
PHI 4420 Philosophy of Social Science or 3 hrs
PHI 3323 Minds and Machines: Philosophy of Cognitive Science or 3 hrs
PHI 4782 Phenomenology or 3 hrs
PHI 4221 Philosophy of Language or 3 hrs

Topics in Philosophy (3 hrs)

Select 1:

Appropriate Special Topics in Philosophy may be substituted for some core courses with prior approval by Departmental advisor.

PHI 4931 Philosophy in the News or 3 hrs
PHI 4321 Philosophies of Embodiment: Mind/Body/Self or 3 hrs
PHI 3022 Sexuality, Gender & Philosophy or 3 hrs
PHI 3033 Philosophy, Religion, and the Environment or 3 hrs
PHI 4804 Critical Theory or 3 hrs
PHI 3783 Modernity as a Philosophical Problem or 3 hrs
PHI 3750 The Problem of Evil or 3 hrs
PHI 3720 Faith and Reason or 3 hrs
PHI 3803 Philosophy and Creativity or 3 hrs
REL 3111 Religion and Philosophy Through Film or 3 hrs
PHI 3766 Existentialism or 3 hrs
HUM 4330 Performance Theory or 3 hrs
PHI 4935 Topics in Philosophy of Mind or 3 hrs
PHP 4933 Key Concepts in Philosophy or 3 hrs
PHI 4931 Key Figures in Philosophy or 3 hrs

5. Restricted Electives (6 hrs)

Select six hours of approved courses in Philosophy or related areas, subject to approval by Departmental advisor.

6. Capstone Requirements

- None

7. Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language, preferably one functional in their area of proposed graduate interest.
8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Earn a “C” (2.0) or better in each required course.
- Departmental Exit Exam in final semester, included in PHI 4938: Senior Research Seminar
- To avoid delaying graduation, you must request a review of requirements prior to registering for your last term.

Computer Competency met by one of the following:
- PHI 4970H: Undergraduate Honors Thesis 1 hr
- PHI 4903H: Honors Directed Reading I 1 hr
- STA 1063C: Basic Statistics Using Microsoft Excel 3 hrs

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Students considering graduate school in philosophy are strongly encouraged to take Honors in the Major.

Requirements are as follows:

Core Requirements 36 hrs
- Same requirements as for regular majors, but must include the following:
  - PHI 2101: Formal Logic I 3 hrs

Upper Division Restricted Electives 6 hrs
- Same as requirement for regular majors

Honors Thesis
- PHI 4903H: Honors Directed Reading I 1 hr
- PHI 4970H: Undergraduate Honors Thesis 1 hr

Additional Requirements
- Application and admission through the Philosophy Honors Coordinator and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major.
- Maintain UCF GPA of at least 3.2 and a Philosophy GPA of at least 3.5.
- Successful completion and oral defense of Honors thesis.
- Earn a “B” (3.0) or better in both of the following courses:
  - PHI 4903H: Honors Directed Reading I 1 hr
  - PHI 4970H: Undergraduate Honors Thesis 1 hr

Related Programs
- Humanities
- Humanities - Philosophy, Religion, & Popular Culture Track
- Religion and Cultural Studies

Certificates
- None

Related Minors
- Cognitive Sciences
- Environmental Studies
- Humanities
- Philosophy
- Religion and Cultural Studies
- Women’s Studies

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- One of numerous possible plans of study. See program description for all requirements.

Freshman Year - Fall 16 hrs
- ENC 1101: Composition I 3 hrs
- HUM 2210: Humanistic Tradition I 3 hrs
- MGF 1106: Finite Mathematics 3 hrs
- PHI 2010: Introduction to Philosophy 3 hrs
- SPN 1120C: Elementary Spanish Language and Civilization I 4 hrs

Freshman Year - Spring 16 hrs
- ENC 1102: Composition II 3 hrs
- HUM 2230: Humanistic Tradition II 3 hrs
- STA 1063C: Basic Statistics Using Microsoft Excel 3 hrs
- Restricted Elective 3 hrs
- SPN 1121C: Elementary Spanish Language and Civilization II 4 hrs

Sophomore Year - Fall 15 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Sophomore Year - Spring 15 hrs
- GEP 3 hrs
- GEP 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Junior Year - Fall 15 hrs
- PHI 3083: Research Methods in Philosophy 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Junior Year - Spring 15 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Fall 15 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Senior Year - Spring 15 hrs
- PHI 4938: Senior Research Seminar 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)
Photography (B.S.)
College of Arts and Humanities
School of Visual Arts and Design
(This program is offered at UCF at the Daytona Beach Campus)
http://svad.cah.ucf.edu/bsphotography
Phone: 386-506-4093

(This program is offered at UCF at the Daytona Beach Campus. Photography is also available as a minor within the School of Liberal Arts and Sciences. The School of Visual Arts and Design affirms that all students majoring in Aesthetics: Photography, Prepare students for a career in the field of photography through an academically rigorous program that integrates course work in the visual arts and sciences with practical applications of the human image. To develop such an understanding, students often utilize images of clothed or unclothed human figures in classroom projects. Students should consult with a Photography advisor before selecting this major and at least annually thereafter. Admissions

Admission Requirements
© Completion of an A.S. in Photographic Technology from Daytona State College or equivalent coursework.

Degree Requirements
© Students who change degree programs and select this major must adopt the most current catalog.
© Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design
© Students must earn at least a “C” (2.0) in each required upper level course and maintain an overall GPA of at least 2.0
© Upper-division electives, internship credit, and course substitutions must be approved by the program director.
© Students should consult with a Photography advisor before selecting this major, and at least annually thereafter.

1. UCF General Education Program (GEP) (36 hrs)
© Students who have not satisfied General Education Requirements before transferring will complete the remaining courses at UCF. The specific courses will depend on the general education courses completed as part of the articulated A.S., and will come from the following areas:

A: Communication Foundations (9 hrs)
© Required ENC 1111 Composition I 3 hrs
© Required ENC 1112 Composition II 3 hrs
© SPC 2600 Speech (A.S.) 3 hrs
© If not already completed as part of the A.S. degree, after acceptance into the program.

B: Cultural & Historical Foundations (9 hrs)
© Required ARH 2051 History of Western Art II 3 hrs
© If not already completed as part of the A.S. degree, after acceptance into the program.

C: Mathematical Foundations (6 hrs)
© If not already completed as part of the A.S.
© Required MAC 1105C College Algebra or 3 hrs
© MGF 2107 Mathematics for Liberal Arts 3 hrs
© Computer Science or Statistics 3 hrs
© D: Social Foundations (6 hrs)
© Political Science or Economics 3 hrs
© Psychology or Sociology (If not already completed as part of the A.S. degree, after acceptance into the program.) 3 hrs
© E: Science Foundations (6 hrs)
© Physical Science 3 hrs
© Life Science 3 hrs

2. Common Program Prerequisites (CPP)
© (Included in A.S. or B.S. requirements.)
© See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

UCF Degree Programs

3. Core Requirements: Basic Level (49 hrs)
© Completed in the A.S. in Photographic Technology at Daytona State College, or equivalent coursework.

4. Core Requirements: Advanced Level (33 hrs)
© PGY 3002 Contemporary Photography 3 hrs
© PGY 3205C Photographic Lighting Techniques 3 hrs
© PGY 3276 The Professional Environment 3 hrs
© PGY 3422C Photo Visualization 3 hrs
© PGY 3653C Advanced Editorial Photography 3 hrs
© PGY 3751C Videography 3 hrs
© PGY 3821C Advanced Digital Photography 3 hrs
© PGY 4033 Image, Culture, and Society 3 hrs
© PGY 4228C Advanced Illustrative Photography 3 hrs
© PGY 4471 Photography Thesis 3 hrs
© PGY 3651C Narrative Editorial Photography 3 hrs
© Select one of the following courses:
© CRW 3011 Creative Writing for Non-Majors or 3 hrs
© ENC 3250 Professional Writing 3 hrs

5. Restricted Electives (6 hrs)
© Select two of the following courses:
© PGY 3451C Alternative Processes 3 hrs
© PGY 3480 Museum and Gallery Practices 3 hrs
© PGY 3703C Photography & the Web 3 hrs
© PGY 4235C Professional Photographic Workshop 3 hrs
© PGY 4493C Photography and Art 3 hrs
© PGY 4941 Internship 3 hrs

6. Capstone Requirements
© None

7. Foreign Language Requirements
© Admissions
© Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
© Graduation
© None

8. Electives
© None

9. Additional Requirements
© None

10. Required Minors
© None

11. Departmental Exit Requirements
© None

12. University Minimum Exit Requirements
© A 2.0 UCF GPA
© 60 semester hours earned after CLEP awarded
© 48 semester hours of upper division credit completed
© 30 of the last 39 hours of course work must be completed in residency at UCF.
© A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
© Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
© 127
© Honors In Major
© None

Related Programs
© None

Certificates
© None

Related Minors
© None

Advising Notes
© http://svad.cah.ucf.edu/bsphotography
### Plan of Study

#### Freshman Year - Fall
Daytona State College - Photo Technology AS Degree Program

#### Freshman Year - Spring
Daytona State College - Photo Technology AS Degree Program

#### Freshman Year - Summer
Daytona State College - Photo Technology AS Degree Program

#### Sophomore Year - Fall
Daytona State College - Photo Technology AS Degree Program

#### Sophomore Year - Spring
Daytona State College - Photo Technology AS Degree Program

#### Junior Year - Fall
- PGY 3205C: Photographic Lighting Techniques (3 hrs)
- PGY 3821C: Advanced Digital Photography (3 hrs)
- PGY 3472C: Photo Visualization (3 hrs)
- GEP (3 hrs)

#### Junior Year - Spring
- PGY 3002: Contemporary Photography (3 hrs)
- PGY 3651C: Narrative Editorial Photography (3 hrs)
- GEP (3 hrs)
- GEP (3 hrs)

#### Junior Year - Summer
- ENC 3250: Professional Writing (3 hrs)

#### Senior Year - Fall
- PGY 3653C: Advanced Editorial Photography (3 hrs)
- PGY 3751C: Videography (3 hrs)
- PGY 4003: Image, Culture, and Society (3 hrs)
- PGY 4228C: Advanced Illustrative Photography (3 hrs)

#### Senior Year - Spring
- PGY 3276: The Professional Environment (3 hrs)
- PGY 4471: Photography Thesis (3 hrs)
- PGY Restricted Elective (3 hrs)
- PGY Restricted Elective (3 hrs)

#### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oes.ucf.edu/alc/academic_learning_compacts.htm

### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

### Photonic Science and Engineering (B.S.P.S.E.)
**College of Optics and Photonics**
**CREOL, Room: 108B**
Phone: 407-823-6800

The Bachelor of Science in Photonic Science and Engineering degree is designed to prepare the next generation of engineers for the growing optics and photonics industry, which has a broad set of applications including manufacturing, healthcare, telecommunication, defense, security and entertainment. The program draws on UCF’s internationally recognized strengths in the field of optics and lasers, and is matched to the strong photonics industry in Central Florida. The degree is offered jointly by the College of Optics and Photonics and the College of Engineering and Computer Science.

#### Admission Requirements
- Students who wish to declare their major in Photonic Science and Engineering must be in good academic standing and must have a “C” (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.

#### Degree Requirements
- Majors in the B.S.P.S.E. degree are required to achieve a 2.250 or greater GPA for their engineering core courses, together with the courses required for the major, technical elective courses, and the senior design courses.

1. **UCF General Education Program (GEP)** (38 hrs)
- Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

   **A: Communication Foundations** (9 hrs)
   - Required ENC 1101: Composition I (3 hrs)
   - Required ENC 1102: Composition II (3 hrs)

   Select 1:
   - Suggested SPC 1603C: Fundamentals of Technical Presentations (3 hrs)
   - Suggested SPC 1608: Fundamentals of Oral Communication or Fundamentals of Technical Presentations (3 hrs)

   **B: Cultural & Historical Foundations** (9 hrs)
   - Select two courses from Historical Foundations (6 hrs)
   - Select one class from Cultural Foundations (3 hrs)

   **C: Mathematical Foundations** (7 hrs)
   - Required MAC 2311C: Calculus with Analytic Geometry I (4 hrs)
   - Required STA 3032: Probability and Statistics for Engineers (3 hrs)

   **D: Social Foundations** (6 hrs)
   - Select 1:
     - Suggested ECO 2013: Principles of Macroeconomics (3 hrs)
     - Suggested ECO 2023: Principles of Microeconomics (3 hrs)
     - Select one class from Social Foundations (3 hrs)

   **E: Science Foundations** (7 hrs)
   - Required PHY 2048C: Physics for Engineers I (4 hrs)
   - Choose one class from Science Foundations (3 hrs)

2. **Common Program Prerequisites (CPP)** (19 hrs)
- These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs. To enroll in PSE major courses, a 2.0 (C or better) in each course is required for those courses indicated.
MAC 2311C Calculus with Analytic Geometry I  
MAC 2312 Calculus with Analytic Geometry II  4 hrs  
MAC 2313 Calculus with Analytic Geometry III  4 hrs  
MAP 2302 Ordinary Differential Equations I  3 hrs  
PHY 2048C Physics for Engineers & Scientists I  4 hrs  
PHY 2049C Physics for Engineers and Scientists II  4 hrs  

Select 1:  
CHS 1440 Principles of Chemistry or  4 hrs  
CHM 2045C Chemistry Fundamentals I  4 hrs  

3. Core Requirements: Basic Level  (14 hrs)  
EGS 1006C Introduction to the Engineering Profession  1 hr  
EGN 1007C Engineering Concepts and Methods  1 hr  
EGN 3211 Engineering Analysis and Computation  3 hrs  
EGN 3310 Engineering Analysis-Statistics  3 hrs  
PHY 3101 Physics for Engineers and Scientists III  3 hrs  

Select 1:  
EGN 3321 Engineering Analysis-Dynamics  3 hrs  
EGN 3358 Thermo-Fluids-Heat Transfer  3 hrs  

4. Core Requirements: Advanced Level  (42 hrs)  
Engineering Requirements  17 hrs  
EEL 3044C Electrical Networks  3 hrs  
EEL 3470 Electromagnetic Fields  3 hrs  
ECE 3350 Semiconductor Devices I  3 hrs  
ECE 3123 Networks and Systems  4 hrs  
ECE 3307C Electronics I  4 hrs  

Photonic Requirements  25 hrs  
OSE 3052 Introduction to Photonics  3 hrs  
OSE 3052L Introduction to Photonics Laboratory  1 hr  
OSE 3053 Electromagnetic Waves for Photonics  3 hrs  
OSE 4520 Laser Engineering  3 hrs  
OSE 4520L Laser Engineering Laboratory  1 hr  
OSE 4410 Optoelectronics  3 hrs  
OSE 4410L Optoelectronics Laboratory  1 hr  
OSE 4470 Fiber-Optic Communications  3 hrs  
OSE 4470L Fiber-Optic Communications Laboratory  1 hr  
OSE 4830 Imaging and Display  3 hrs  
OSE 4830L Imaging and Display Laboratory  1 hr  
OSE 4930 Frontiers of Optics and Photonics  2 hrs  

5. Restricted Electives  (9 hrs)  
Students must select at least 3 credit hours of restricted electives with the course prefix OSE. The remaining 6 hours may be taken from approved upper level photonics, engineering, physics, mathematics, or other related electives. All electives must be approved by the program advisor.  

6. Capstone Requirements  (6 hrs)  
OSE 4951 Senior Design I  3 hrs  
OSE 4952 Senior Design II  3 hrs  

7. Foreign Language Requirements  
Admissions  
Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.  
Graduation  
None  

8. Electives  
None  

9. Additional Requirements  
Photonic science and engineering students must earn at least 32 hours in residence at UCF. 24 of the 32 Residency hours must be at the 3000-5000 level, in courses taken from the College of Optics and Photonics at UCF and applicable to the degree program.  

10. Required Minors  
None  

11. Departmental Exit Requirements  
None  

12. University Minimum Exit Requirements  
A 2.0 UCF GPA  
60 semester hours earned after CLEP awarded  
48 semester hours of upper division credit completed  

UCF Degree Programs  

- 30 of the last 39 hours of course work must be completed in residency at UCF.  
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.  
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.  

Total Semester Hours Required  
128  

Honors In Major  
None  

Related Programs  
Electrical Engineering  
Computer Engineering  
Physics  

Certificates  
None  

Advising Notes  
Each engineering student should meet with their academic advisor in the department of their major regularly.  
Each student should seek academic advisement before registering for classes each semester to minimize excess hours.  
Students are assumed to have knowledge of a higher level programming language (C preferred).  

Transfer Notes  
Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.  
Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.  
EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the program academic advisor, be moved to the Restricted Elective area.  

Acceptable Substitutes for Transfer Courses  
None  

Plan of Study  (128 hrs)  

Freshman Year - Fall  15 hrs  
Historical Foundation  3 hrs  
MAC 2311C Calculus with Analytic Geometry I  4 hrs  
SPC 1608 Fundamentals of Oral Communication  3 hrs  
EGS 1006C Introduction to the Engineering Profession  1 hr  
CHS 1440 Principles of Chemistry  4 hrs  

Freshman Year - Spring  15 hrs  
ENC 1101 Composition I  3 hrs  
EGN 1007C Engineering Concepts and Methods  1 hr  
MAC 2312 Calculus with Analytic Geometry II  4 hrs  
PHY 2048C Physics for Engineers & Scientists I  4 hrs  
ECO 2013 Principles of Macroeconomics  3 hrs  

Sophomore Year - Fall  17 hrs  
MAC 2313 Calculus with Analytic Geometry III  4 hrs  
PHY 2049C Physics for Engineers and Scientists II  4 hrs  
ENC 1102 Composition II  3 hrs  
EGN 3211 Engineering Analysis and Computation  3 hrs  
Cultural Foundation  3 hrs  

Sophomore Year - Spring  15 hrs  
MAP 2302 Ordinary Differential Equations I  3 hrs  
EEL 3004C Electrical Networks  3 hrs  
EGN 3310 Engineering Analysis-Statics  3 hrs  
PHY 3101 Physics for Engineers and Scientists III  3 hrs  
Science Foundation  3 hrs  

Sophomore Year - Summer  10 hrs  
EEL 3123C Networks and Systems  4 hrs  
EEE 3350 Semiconductor Devices I  3 hrs  
STA 3032 Probability and Statistics for Engineers  3 hrs  

UNIVERSITY OF CENTRAL FLORIDA  
283  
Undergraduate Catalog 2014-2015
## UCF Degree Programs

**Physics (B.S.)**

Department of Physics, Physical Sciences, Room: 430  
**Email:** physics@ucf.edu  
Dr. Talat Rahman  
Phone: 407-823-2325

Physics majors can select from five distinct specializations to earn their physics degree, as described below in Section 4, Core Requirements. Advanced. While the various specializations share a common core of courses, they also enable students to prepare specifically for certain career paths. Students should consult their faculty advisors when deciding among these tracks.

### Admission Requirements

- **None**

### Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Grades below "C" (2.0) in any required physics or mathematics courses are not acceptable; they must be repeated with a higher grade.
- Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Physics.
- Physics majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two semester sequence has already been taken at the Florida College System institution.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- AA transfer students are expected to have completed the following courses before enrolling as a Physics major. These classes are prerequisites for advanced science classes and students entering without these classes will be unable to register for most of the advanced courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045C Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2046 Chemistry Fundamentals II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2048L Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytic Geometry III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2048C Physics for Engineers &amp; Scientists</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2049C Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

1. **UCF General Education Program (GEP)**  

   **Note:** Certain courses must be selected in the GEP for this major which brings the GEP hours above 36.

   **A: Communication Foundations**  
   - Required MAC 2311C Calculus with Analytic Geometry I  
   - Select from the E.2. GEP list.

2. **Life sciences**  

   - Required PHY 2048C Physics for Engineers & Scientists I  
   - Select from the E.2. GEP list.

3. **Common Program Prerequisites (CPP)**  

   **Note:** In addition to those courses specified in the Common Program Prerequisites, students also must complete the following.

   **Core: Required, satisfies the CPP**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045C Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2046 Chemistry Fundamentals II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2048L Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytic Geometry III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2048C Physics for Engineers &amp; Scientists</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PHY 2049C Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

3. **Core: Additional requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 2302 Ordinary Differential Equations I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 3101 Physics for Engineers and Scientists III</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
### 4. Core Requirements: Advanced Level

#### 4.1. General Physics Specialization
- **Select one specialization**
- **Directed Electives**: 6 hrs
  - Directed Electives: 6 hrs

#### 4.2. Materials Physics Specialization
- **Select 1**
  - PHY 4803L Advanced Physics Laboratory or EEE 5356C Fabrication of Solid-State Devices
- **Select 3**
  - EEE 3350 Semiconductor Devices I or EGN 3365 Structure and Properties of Materials or EMA 4413 Fundamentals of Electronic Materials or CHM 3411L Physical Chemistry Laboratory or PHZ 5405 Condensed Matter Physics or EEE 5352 Semiconductor Material and Device Characterization
- **Directed Electives**: 9 hrs
  - Directed Electives: 9 hrs

#### 4.3. Optics and Lasers Specialization
- **Select 2**
  - EEL 4440 Optical Engineering or PHY 4445 Lasers or OSE 5203 Geometrical Optics and Imaging Systems or OSE 5312 Light Matter Interaction or OSE 5414 Fundamentals of Optoelectronic Devices
- **Directed Electives**: 6 hrs
  - Directed Electives: 6 hrs

#### 4.4. Computational Physics Specialization
- **Select 3**
  - PHZ 3113 Introduction to Theoretical Methods of Physics or PHY 3220 Mechanics I or PHY 3513 Thermal and Statistical Physics or PHY 3323 Electricity and Magnetism I or PHY 4324 Electricity and Magnetism II or PHY 4604 Wave Mechanics I or PHY 4605 Wave Mechanics II or PHY 4912 Directed Independent Research in (area of specialization)
  - Laboratory Requirement: 6 hrs
  - Laboratory Requirement: 6 hrs
- **Select one**
  - PHY 3752C Physics of Scientific Instruments or PHY 3722C Physics Laboratory-Electronics
- **Restricted Electives: 6 hrs**
  - Restricted Electives: 6 hrs
- **Directed Electives: 6 hrs**
  - Directed Electives: 6 hrs

#### 4.5. Astronomy Specialization
- **Select one**
  - AST 2002 Astronomy
  - AST 4700 Experimental Methods in Astronomy or AST 4762C Astronomical Data Analysis or AST 5765C Advanced Astronomical Data Analysis
- **Directed Electives**: 6 hrs
  - Directed Electives: 6 hrs

### 5. Restricted Electives
- None

### 6. Capstone Requirements
- None

### 7. Foreign Language Requirements

#### Admissions
- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

#### Graduation
- None

### 8. Electives
- Select primarily from upper level courses after meeting with a department advisor. Courses may be outside the department.

### 9. Additional Requirements
- None

### 10. Required Minors
- None

### 11. Departmental Exit Requirements
- None

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

### Honors In Major
- None

### Related Programs
- Mathematics - Engineering/Physics Track
- Mathematics - Applied Track
- Mathematics - Pure Track
- Electrical Engineering
- Mechanical Engineering

### Certificates
- None

### Related Minors
- None

### Advising Notes
- None

### Transfer Notes
- Lower division courses do not substitute for upper division courses.
UCF Degree Programs

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Acceptable Substitutes for Transfer Courses
  - The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
    - CHM 2045C: may use CHM 1040 plus CHM 1041 or CHM 2040C plus CHM 2041C

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Prior to enrolling in Chemistry, take Chemistry Placement Test – http://knightsource.sdes.ucf.edu/placement/
- Prior to enrolling in Math, take Math Placement Test – http://utc.sdes.ucf.edu
- Although all classes are listed during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2045C Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2048C Physics for Engineers &amp; Scientists I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytic Geometry II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2046 Chemistry Fundamentals II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2046L Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

Note: Lab may be taken later if seats are not available

Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2049C Physics for Engineers and Scientists II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytic Geometry III</td>
<td>4 hrs</td>
</tr>
<tr>
<td>COP 3502C Computer Science I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Sophomore Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3101 Physics for Engineers and Scientists III</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHZ 3113 Introduction to Theoretical Methods of Physics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAP 2302 Ordinary Differential Equations I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3802L Intermediate Physics Laboratory</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 3323 Electricity and Magnetism I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 3513 Thermal and Statistical Physics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Core Course</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Junior Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3220 Mechanics I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 4324 Electricity and Magnetism II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Senior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 4604 Wave Mechanics I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHY 4912 Independent Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Senior Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 4905 Wave Mechanics II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Physics Test-Nationally normed

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: $12.40 per term
- Full-Time Student: $24.80 per term

Political Science (B.A.)

College of Sciences

Department of Political Science,
Howard Phillips Hall, Room: 302
http://politicalscience.cos.ucf.edu

Email: politics@ucf.edu
Dr. Kerstin Hamann
Phone: 407-823-2608

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Co-op or internship credit cannot be used in this major without prior departmental approval
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF Department of Political Science
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

Double major/dual degree policy in Political Science programs and minors

- 1. Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, except the following:
  - POS 2041: American National Government 3 hrs
  - POS 3703: Scope and Methods of Political Science 3 hrs
- 2. Students who major in International and Global Studies, and minor in Political Science, shall not count more than one course toward both programs, except the following:
  - POS 2041: American National Government 3 hrs
- 3. Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.
- 4. Students who double minor in Political Science and International and Global Studies shall not count more than one course toward both programs.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)

- Required ENC 1101: Composition I 3 hrs
- Required ENC 1102: Composition II 3 hrs
- Prefer: SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)

- Prefer AMH 2010: U.S. History: 1492-1877 3 hrs
- Prefer AMH 2020: U.S. History: 1877-Present 3 hrs
- Select from GEP B.2 list 3 hrs

C: Mathematical Foundations (6 hrs)

- 1. Math 3 hrs
  - Prefer MGF 1106: Finite Mathematics or 3 hrs
  - Prefer MGF 1107: Explorations in Mathematics or 3 hrs
  - You may substitute a higher level math with appropriate scores on the Math Placement Test.

UNIVERSITY OF CENTRAL FLORIDA
- 2. Statistics  3 hrs  
  Prefer STA 2014C Principles of Statistics or 3 hrs  
  Prefer STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs  
  May substitute a higher level Statistics course. 3 hrs  

D: Social Foundations  (6 hrs)  
Required  
- POS 2041 American National Government 3 hrs  
- Select from GEP D.2 list 3 hrs  

E: Science Foundations  (6 hrs)  
2. Common Program Prerequisites (CPP)  (3 hrs)  
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.  
- See Transfer Notes for possible substitutes.  
- POS 2041 American National Government GEP  
- POS 3703 Scope and Methods of Political Science 3 hrs  

3. Core Requirements: Basic Level  
Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.  
- POS 2041 American National Government GEP/CPP  

4. Core Requirements: Advanced Level  
Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.  
- POS 3703 Scope and Methods of Political Science CPP  

5. Restricted Electives  (30 hrs)  
- Choose one of the following tracks.  

Track 1: American Politics and Policy  
Five courses from Area A 15 hrs  
Two courses from Area B 6 hrs  
Two courses from Area C 6 hrs  
One additional course from any Area 3 hrs  

Track 2: International Relations-Comparative Politics  
No more than one of the following courses may be considered part of area B credit:  
- INR 4351 International Environmental Law or 3 hrs  
- INR 4401 International Law or 3 hrs  
- INR 4404 Space Law or 3 hrs  
- Two courses from Area A 6 hrs  
- Two courses from Area B 15 hrs  
- Two courses from Area C 6 hrs  
- One additional course from any Area 3 hrs  

Track 3: Prelaw  
- Please see Political Science - Prelaw Track  

Areas of Specialization  
A. American Politics and Policy Area  
- POS 3076 American Indian Politics or 3 hrs  
- POS 3122 State Government and Public Policy or 3 hrs  
- POS 3173 Southern Politics or 3 hrs  
- POS 3182 Florida Politics or 3 hrs  
- POS 3233 Public Opinion or 3 hrs  
- POS 3234 Protest in American Politics or 3 hrs  
- POS 3235 Mass Media and Politics or 3 hrs  
- POS 3258 Politics in Film or 3 hrs  
- POS 3273 Voting and Elections or 3 hrs  
- POS 3413 The American Presidency or 3 hrs  
- POS 3424 Congress and the Legislative Process or 3 hrs  
- POS 3443 Political Parties and Processes or 3 hrs  
- POS 3463 Interest Groups or 3 hrs  
- POS 3627 Cultural Pluralism and Law or 3 hrs  
- POS 3733 Designing Political Science Research or 3 hrs  
- POS 4030 The Politics of Sports or 3 hrs  
- POS 4074 Latino Politics or 3 hrs  
- POS 4142 Metropolitan Politics or 3 hrs  
- POS 4204 Political Behavior or 3 hrs  
- POS 4284 Judicial Process and Politics or 3 hrs  
- POS 4412 Presidential Campaigning or 3 hrs  
- POS 4603 American Constitutional Law I or 3 hrs  
- POS 4604 American Constitutional Law II or 3 hrs  
- POS 4622 Politics and Civil Rights or 3 hrs  
- PUP 3203 Environmental Politics or 3 hrs  
- PUP 3314 Minorities in American Politics or 3 hrs  

PUP 3325 Women and Political Behavior or 3 hrs  
PUP 4003 American Public Policy or 3 hrs  
PUP 3204 Sustainability or 3 hrs  
PUP 4209 Urban Environmental Policy or 3 hrs  
PUP 4323 Women and Public Policy or 3 hrs  
PUP 4404 Education and Politics or 3 hrs  
PUP 4503 Government and Science or 3 hrs  
PUP 4510 Space Policy or 3 hrs  
PUP 4602 Politics of Health or 3 hrs  
PUP 4744 Government and Business or 3 hrs  
PUP 4931 Topics in Public Policy or 3 hrs  

B. International Relations and Comparative Government Area  
PPO 3034 Politics of Developing Areas or 3 hrs  
PPO 3103 Comparative Politics or 3 hrs  
PPO 3104 Politics of Western Europe or 3 hrs  
PPO 3132 Canadian Studies or 3 hrs  
PPO 3403 Politics of the Middle East or 3 hrs  
PPO 3614 Politics of Eastern Europe or 3 hrs  
PPO 4062 Comparative Judicial Process or 3 hrs  
PPO 4074 Political Economy or 3 hrs  
PPO 4101 Politics of the European Union or 3 hrs  
PPO 4123 Government and Politics of Great Britain or 3 hrs  
PPO 4303 Comparative Latin American Politics or 3 hrs  
PPO 4445 Comparative Political Parties or 3 hrs  
PPO 4514 Politics of East Asia or 3 hrs  
PPO 4541 Chinese Politics or 3 hrs  
PPO 4553 Politics of Japan or 3 hrs  
PPO 4643 Government and Politics of Russia or 3 hrs  
PPO 4710 Women in Comparative Politics or 3 hrs  
PPO 4754 Comparative Political Institutions or 3 hrs  
PPO 4784 Political and Economic Inequality or 3 hrs  
PPO 4794 Indigenous Politics and the Environment or 3 hrs  
PPO 3471 World Political Geography or 3 hrs  
PPO 4315 Global Perspectives or 3 hrs  
PPO 4002 International Relations-Theory and Practice or 3 hrs  
PPO 3016 Global Political Issues or 3 hrs  
PPO 3250 Politics of Pan-Africanism or 3 hrs  
PPO 3253 International Politics of Africa or 3 hrs  
PPO 4011 Politics of Globalization or 3 hrs  
PPO 4030 Diplomacy or 3 hrs  
PPO 4035 International Political Economy or 3 hrs  
PPO 4054 Global Politics of Energy or 3 hrs  
PPO 4060 Causes of War or 3 hrs  
PPO 4074 Immigration Policy or 3 hrs  
PPO 4075 Human Rights Policy or 3 hrs  
PPO 4076 Global Drug Policy or 3 hrs  
PPO 4084 Politics of International Terrorism or 3 hrs  
PPO 4085 Women, Gender, and Globalization or 3 hrs  
PPO 4102 American Foreign Policy or 3 hrs  
PPO 4164 Topics and Cases in American Foreign Policy or 3 hrs  
PPO 4114 American Security Policy or 3 hrs  
PPO 4115 Strategic Weapons and Arms Control or 3 hrs  
PPO 4224 Contemporary International Politics or 3 hrs  
PPO 4225 The Vietnam War or 3 hrs  
PPO 4243 International Politics of Latin America or 3 hrs  
PPO 4304 Issues in International Public Policy or 3 hrs  
PPO 4335 Coercion in International Politics or 3 hrs  
PPO 4350 Global Environmental Politics or 3 hrs  
PPO 4351 International Environmental Law or 3 hrs  
PPO 4364 The Intelligence Community or 3 hrs  
PPO 4410 International Law or 3 hrs  
PPO 4414 Space Law or 3 hrs  
PPO 4502 International Organizations or 3 hrs  
PPO 4714 Politics of International Trade Policy or 3 hrs  
PPO 4774 Military Space Policy or 3 hrs  
PPO 3253 Contemporary Revolution and Political Violence or 3 hrs  
PPO 3733 Designing Political Science Research or 3 hrs  
PPO 3014 Comparative Public Policy or 3 hrs  
PPO 4510 Space Policy or 3 hrs  

C. Political Theory Area  6 hrs  
- INR 4603 International Relations Theory or 3 hrs  
- POS 4206 Political Psychology or 3 hrs  
- POT 3204 American Political Thought or 3 hrs  

- Undergraduate Catalog 2014-2015
UCF Degree Programs

POT 3302  Modern Political Ideologies or 3 hrs
POT 4003  Political Theory or 3 hrs
POT 4025  Ancient, Medieval and Early Modern or 3 hrs
POT 4045  Political Philosophy or 3 hrs
POT 4054  Modern Political Philosophy or 3 hrs
POT 4066  Contemporary Political Theory or 3 hrs
POT 4109  Politics and Literature or 3 hrs
POT 4305  The State, Society, and the Individual or 3 hrs
POT 4314  Contemporary Democratic Theory or 3 hrs
POT 4331  Utopia/Dystopia or 3 hrs
POT 4345  Pan-Africanist Thought or 3 hrs
POT 4414  Marxist Political Theory or 3 hrs
POT 4632  Religion and Politics or 3 hrs

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   - Admissions
     - Met by graduation requirement
   - Graduation
     - Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.
   8. Electives
      - Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.
      - Internship Program: For students who excel, a limited number of internships may be available each semester for three to six hours of credit. Under the Internship Director, the student is typically placed in an office of local, state, or national government, a law office, or campaign headquarters.
      - No more than 9 credits of a combination of Honors in the Major, Independent Study, and Internship may be counted toward the major in Political Science, provided that no more than 50% of an Area be covered by such credits.
   9. Additional Requirements
      - None
   10. Required Minors
       - None
   11. Departmental Exit Requirements
       - Maintain a minimum GPA of 2.0 in the major
   12. University Minimum Exit Requirements
      - A 2.0 UCF GPA
      - 60 semester hours earned after CLEP awarded
      - 48 semester hours of upper division credit completed
      - 30 of the last 39 hours of course work must be completed in residency at UCF.
      - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
      - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the department for information about the program and the HIM coordinator.
- No more than 9 credits of a combination of Honors in the Major, Independent Study, and Internship may be counted toward the major in Political Science, provided that no more than 50% of an Area be covered by such credits.

Related Programs
- Economics
- History

Certificates
- Diplomacy

Related Minors
- Economics
- History
- Psychology
- Sociology
- Philosophy

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
  - POS 2041: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major and is a prerequisite to subsequent courses, it still must be taken.
  - POS 3703: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major, it still must be taken.

Plan of Study
- This is one of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Prior to enrolling in Math, take Math Placement Test at http://utc.sdes.ucf.edu
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall  15 hrs
- POS 2041 American National Government 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
- ENC 1101 Composition I 3 hrs
- GEP 3 hrs

Freshman Year - Spring  15 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
- ENC 1102 Composition II 3 hrs
- GEP 3 hrs

Sophomore Year - Fall  16 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- GEP 3 hrs
- Foreign Language 3 hrs

Sophomore Year - Spring  16 hrs
- POS 3703 Scope and Methods of Political Science 3 hrs
- Restricted Elective 3 hrs
- Foreign Language 4 hrs
- GEP 3 hrs

Junior Year - Fall  15 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Junior Year - Spring  15 hrs
- Restricted Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs
Senior Year - Fall  
Restricted Elective  3 hrs  
Restricted Elective  3 hrs  
Free Elective  3 hrs  
Free Elective  3 hrs  
Senior Year - Spring  
Restricted Elective  3 hrs  
Free Elective  3 hrs  
Free Elective  3 hrs  
Free Elective  3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oecs.ucf.edu/acl/academic_learning_compacts.htm](http://www.oecs.ucf.edu/acl/academic_learning_compacts.htm)

Equipment Fees
- Part-Time Student: $5 per term
- Full-Time Student: $10 per term

Political Science - Prelaw Track (B.A.)
College of Sciences
Department of Political Science,  
Howard Phillips Hall, Room: 302  
Email: politics@ucf.edu
Dr. Roger Handberg
Phone: 407-823-2608

While no specific major is prescribed for admission to law school, many prelaw students elect to major in political science. These individuals usually choose the prelaw emphasis within the political science major. Prelaw students are encouraged to work closely with a prelaw advisor in planning their programs. By judicious use of electives, students build a firm foundation for law school entry and acquire a broad training which can result in career options upon graduation. For further information, consult one of the Department’s prelaw advisors or the College of Sciences Prelaw Advisor. The following represent a suggested curriculum which both meets the requirements for a Political Science degree while preparing you for professional school.

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior departmental approval
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF Department of Political Science
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours

Double major/dual degree policy in Political Science programs and minors
- 1. Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, except the following courses:
  - POS 2041 American National Government 3 hrs
  - POS 3703 Scope and Methods of Political Science 3 hrs
- 2. Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   - Required ENC 1101 Composition I 3 hrs
   - Required ENC 1102 Composition II 3 hrs
   - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   - Prefer AMH 2010 U.S. History: 1492-1877 3 hrs
   - Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
   - Select a course from GEP B.2. list 3 hrs

   C: Mathematical Foundations (6 hrs)
   - Math: 3 hrs
     - Prefer MGF 1106 Finite Mathematics or 3 hrs
     - Prefer MGF 1107 Explorations in Mathematics or 3 hrs
     - May substitute a higher level math with appropriate scores on the Math Placement Test.

   Statistics: 3 hrs
     - Prefer STA 2014C Principles of Statistics or 3 hrs
     - Prefer STA 1083C Basic Statistics Using Microsoft Excel or 3 hrs
     - May substitute a higher level statistics course. 3 hrs

   D: Social Foundations (6 hrs)
   - Political Science 3 hrs
     - Required POS 2041 American National Government 3 hrs
   - Social Science 3 hrs
     - Select one of the listed courses 3 hrs

   E: Science Foundations (6 hrs)
   - 2. Common Program Prerequisites (CPP) (3 hrs)
     - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
     - See Transfer Notes for possible substitutes for the following courses.
   - POS 2041 American National Government GEP
   - POS 3703 Scope and Methods of Political Science 3 hrs

   3. Core Requirements: Basic Level
     - Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.
   - POS 2041 American National Government GEP

   4. Core Requirements: Advanced Level (3 hrs)
     - Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.
   - POS 3703 Scope and Methods of Political Science CPP
   - POS 4284 Judicial Process and Politics 3 hrs

   5. Restricted Electives (27 hrs)
     - Select from the following courses: 3 hrs

     - POS 4603 American Constitutional Law I or 3 hrs
     - POS 4604 American Constitutional Law II or 3 hrs
     - INR 4401 International Law 3 hrs

   And, select one of the following options: (See 24 hrs)
   - Area courses list under Political Science
     - Five courses from area A  and  15 hrs
     - Two courses from area B  and  6 hrs
     - One course from area C  3 hrs

   OR
     - Two courses from area A  and  6 hrs
     - Five courses from area B  and  15 hrs
     - One course from area C  3 hrs

   6. Capstone Requirements
     - None

   7. Foreign Language Requirements

   Admissions
     - Met by graduation requirement
UCF Degree Programs

Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.
- Internship Program: For students who excel, a limited number of internships may be available each semester for three to six hours of credit. Under the Internship Director, the student is typically placed in an office of local, state, or national government, a law office, or campaign headquarters.
- The following courses are not required, but serious students should consider taking these as free electives.
  - ACG 2021 Principles of Financial Accounting 3 hrs
  - ACG 2071 Principles of Managerial Accounting 3 hrs
  - BUL 3130 Legal and Ethical Environment of Business 3 hrs
  - ENC 3241 Writing for the Technical Professional 3 hrs
  - ENC 3250 Professional Writing 3 hrs
  - LIN 4105 History of the English Language 3 hrs
  - MHS 3302 Logic and Proof in Mathematics 3 hrs
  - PHI 2101 Formal Logic I 3 hrs
  - PLA 3108 Legal Research 3 hrs
  - PLA 3155 Legal Writing 3 hrs
  - POS 4941 Political Science Internship 3 hrs

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Maintain a minimum GPA of 2.0 in the major

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the department for information about the program and the HIM coordinator.

Related Programs
- Economics
- History
- Philosophy
- Legal Studies
- Criminal Justice

Certificates
- Diplomacy

Related Minors
- Business
- Criminal Justice
- Diplomacy
- Economics
- English - Creative Writing
- English - Technical Communication
- History
- Human Communication
- Legal Studies
- Mass Communication
- Philosophy

Public Administration
- Sociology
- Writing and Rhetoric

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
  - POS 2041: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major and is a prerequisite to subsequent courses, it still must be taken.
  - POS 3703: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major, it still must be taken.

Plan of Study
- This is one of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Prior to enrolling in Math, take Math Placement Test – http://utc.sdes.ucf.edu
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall 15 hrs
- POS 2041 American National Government 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
- GEP-Math 3 hrs
- ENC 1101 Composition I 3 hrs
- GEP 3 hrs

Freshman Year - Spring 15 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
- ENC 1102 Composition II 3 hrs
- STA 2014C Principles of Statistics 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Sophomore Year - Fall 16 hrs
- Restricted Elective 3 hrs
- Foreign Language 4 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs
- GEP 3 hrs

Sophomore Year - Spring 16 hrs
- POS 3703 Scope and Methods of Political Science 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs
- Foreign Language 4 hrs
- GEP 3 hrs

Junior Year - Fall 15 hrs
- POS 4284 Judicial Process and Politics 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs

Junior Year - Spring 14 hrs
- Restricted Elective 3 hrs
- Supporting Elective 4 hrs
- Supporting Elective 3 hrs
Psychology (B.S.)

Department of Psychology,
Psychology Building, Room: 301
http://psychology.cos.ucf.edu
Email: psychadvising@ucf.edu

Phone: 407-823-2216

Contact: Psychology Advising Center, PSY 250, 407-823-2219

Admission Requirements

None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Departmental Residency Requirement: at least 21 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Psychology Department
- Students must earn at least a "C" (2.0) in each course counted toward the core requirements, restricted electives, and diversity courses
- Co-op or internship credit cannot be used in this major without prior approval
- Students should consult with the Psychology Advising Center, prior to applying for graduation (before registration for the final term).
- Graduating seniors should complete the senior exit survey
- Additional requirements exist for students pursuing the Honors in the major program.
- All prerequisites of courses taught within the College of Sciences will be enforced
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   - Note: Certain courses may be selected in the GEP for this major bringing the total GEP hours to more than 36. See Transfer Notes for possible substitutions.

A: Communication Foundations (9 hrs)
- Required STA 2023 Statistical Methods I or STA 2014C Principles of Statistics 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required PSY 2012 General Psychology 3 hrs

C: Mathematical Foundations (6 hrs)
- Required MAC 1105C College Algebra 3 hrs

Math:
- 3 hrs

You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics:
- Required STA 2023 Statistical Methods I or STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
- Required PSY 2012 General Psychology 3 hrs

Social Sciences:
- 3 hrs

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oeeas.ucf.edu/alc/academic_learning_compacts.htm

Political Science/Economics (3 hrs)
- Select one of the listed choices

E: Science Foundations (6 hrs)

Biology:
- Select the advanced option if additional biology courses are planned.
  - Required BSC 1005 Biological Principles or BSC 2010C Biology I 3 hrs
  - Required STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

Physical or Chemical:
- Select one of the listed choices

2. Common Program Prerequisites (CPP) (3 hrs)

- See Transfer Notes for possible substitutes for the courses listed below.
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

Psychology:
- PSY 2012 General Psychology, GEP
- DEP 2004C Developmental Psychology 3 hrs

Biology:
- BSC 1005 Biological Principles or BSC 2010C Biology I 3 hrs

Statistics:
- STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

3. Core Requirements: Basic Level

- Most courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Psychology:
- PSY 2012 General Psychology, GEP

Biology:
- BSC 1005 Biological Principles or BSC 2010C Biology I 3 hrs

Statistics:
- STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

4. Core Requirements: Advanced Level (18 hrs)

- Required BSC 2010C Biology I 4 hrs
- Required BSC 1005 Biological Principles or STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

- Required STA 2023 Statistical Methods I 3 hrs
- Required STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

5. Restricted Electives (33 hrs)

A. Experimental: Select from the following:

- Required EXP 3404C Basic Learning Processes or EXP 3204C Perception or EXP 3604C Cognitive Psychology or PSB 4240C Neuropsychology or STA 4215C Advanced Research Methods in Psychology 3 hrs

B. Personality/Social: Select from the following:

- Required PPE 3003 Personality Theory and Research or SOP 3004C Social Psychology 3 hrs

C. Developmental: Select from the following:

- Required DEP 2004C Developmental Psychology or DEP 3202 Psychology of Exceptional Children or DEP 3464 Psychology of Aging 3 hrs

D. Diversity: Select from the following:

- Required CLP 3184 Women's Mental Health or SOP 3742 Psychology of Women or SOP 3723 Cross Cultural Psychology or SOP 3724 Psychology of Prejudice or SOP 3784 Psychology of Diversity 3 hrs

Restricted Elective:
- Select one of the listed choices

Senior Year - Fall
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs

Senior Year - Spring
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs
- Supporting Elective 4 hrs
- Supporting Elective 4 hrs

Faculty Signature:  

Robert A. Munsch, Chair
## UCF Degree Programs

### E. Applied: Select from the following: 3 hrs
- CLP 3302 Clinical Psychology or 3 hrs
- EXP 3250 Principles of Human Factors Psychology or 3 hrs
- INP 3004 Industrial/Organizational Psychology 3 hrs

### F. Psychology Electives 9 hrs
- Select additional courses from those taught by the Psychology department
- NOTE: The following courses will NOT fulfill this requirement.
  - INP 3141C Advanced Applied Psychology 1 hr
  - INP 3951 Industrial/Organizational Field Work or 3 hrs
  - PSY 3905 Directed Independent Study or 1 hr
  - PSY 4906 Directed Independent Study or 1 hr
  - PSY 4912 Directed Independent Research 1 hr

### G. Math/Science Electives: Select from the following: 6 hrs
- Students must meet the course prerequisites for any course they select. See course listing for prerequisites
  - ANT 3541 Biobehavioral Anthropology or 3 hrs
  - ANT 3550C Primatology or 3 hrs
  - PSC 1121 Physical Science or 3 hrs
  - PHY 2013C College Physics I or 4 hrs
  - CHM 1020 Concepts in Chemistry or 3 hrs
  - COP 3223 Introduction to Programming with C or 3 hrs
  - COP 3502C Computer Science I or 3 hrs
  - COP 3503H Honors Computer Science II or 3 hrs
  - MAC 2233 Concepts of Calculus or 3 hrs
  - MAC 2253 Applied Calculus or 3 hrs
  - PCB 3703C Human Physiolgy or 4 hrs
  - STA 4102 Computer Processing of Statistical Data or 3 hrs
  - STA 4163 Statistical Methods II or 3 hrs
  - STA 4164 Statistical Methods III or 3 hrs
  - BSC 1050 Biology and Environment or 3 hrs
  - BSC 2011C Biology II or 4 hrs
  - BSC 4312C Advanced Marine Biology or 4 hrs
  - PCB 3063 Genetics or 3 hrs
  - ENV XXXX Any ENV prefix course or 3 hrs
  - GEO XXXX Any GEO prefix course or 3 hrs
  - MCB XXXX Any MCB prefix course or 3 hrs
  - ZOO XXXX Any ZOO prefix course or 3 hrs

### 6. Capstone Requirements
- PSY 4049 Psychology Capstone 1 hr

### 7. Foreign Language Requirements

#### Admissions
- Met by graduation requirement.

#### Graduation
- Proficiency equivalent to one year of college instruction in either a foreign language, or two semesters equivalent of American Sign Language. Standardized examinations may be used to meet the requirement.

### 8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

### 9. Additional Requirements
- None

### 10. Required Minors
- None

### 11. Departmental Exit Requirements
- Earn a grade of "C" (2.0) or better in each course used to satisfy the CPP, core requirements, restricted electives and science electives (sections 2-5).
- Maintain a minimum overall psychology GPA of 2.0.

### 12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required
- 120

#### Honors In Major

### Additional Requirements: 6 hrs
- The Honors in Psychology is available to majors who show outstanding scholarship and promise in psychology.
- Apply and be accepted into the program through the department.
- Fulfill University requirements for Honors in the Major.
- Earn an overall UCF GPA above 3.2.
- All grades in Psychology courses must be a "B" (3.0) or higher.
- Have a Psychology GPA above 3.5, based on at least 11 credits, including the following course.
- PSY 3213C Research Methods in Psychology 5 hrs
- PSY 4903H Honors Directed Reading I 3 hrs
- PSY 4970H Undergraduate Honors Thesis 3 hrs

#### Related Programs
- Sociology
- Anthropology
- Statistics
- Criminal Justice

#### Certificates
- Behavioral Forensics

#### Related Minors
- Psychology
- Sociology
- Anthropology
- Mathematics
- Statistics

#### Advising Notes
- Visit the Psychology Advising Center (PSY 250); walk-in advising available Monday and Friday from 9 to 5.

#### Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

#### Acceptable Substitutes for Transfer Courses
- The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
  - Biology: any lower level BSC course or ZOO X010 will satisfy the CPP. However, the course is required in the core and still must be taken. In addition, the advanced course is a prerequisite for some courses.
  - Statistics: any lower level STA course will satisfy the CPP. However, the course is required in the core and still must be taken. In addition, they are prerequisites for some courses.
  - DEP 2004C; any lower level psychology course will fulfill the CPP. However, since this course satisfies the CPP as well as psychology restricted elective 5C, students are advised to select it to satisfy their CPP.

### Plan of Study
- This is one of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

#### Freshman Year - Fall 15 hrs
- PSY 2012 General Psychology 3 hrs
- ENC 1101 Composition I 3 hrs
- GEP 3011H Focus 3 hrs
- GEP 3012H Focus 3 hrs
- GEP 3013H Focus 3 hrs
### Degree Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSB 3002</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3204C</td>
<td>Statistical Methods in Psychology</td>
<td>4</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Elective / Minor</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

### Academic Learning Compacts

- No transfer course will be accepted with a grade lower than a “C” (2.0).
- The courses designated in sections 1 (General Education) and 2 (Common Program Prerequisites) should usually be completed in the first 60 hours.

1. **UCF General Education Program (GEP)** (36 hrs)
   - **A: Communication Foundations** (9 hrs)
     - Suggested: SPC 1608 - Fundamentals of Oral Communication
   - **B: Cultural & Historical Foundations** (9 hrs)
   - **C: Mathematical Foundations** (6 hrs)
   - **D: Social Foundations** (6 hrs)

2. **Common Program Prerequisites (CPP)** (3 hrs)
   - See “Common Prerequisites” in the Transfer and Transition Services section.

3. **E: Science Foundations** (6 hrs)
   - **1. UCF General Education Program (GEP)** (36 hrs)
   - **2. Common Program Prerequisites (CPP)** (3 hrs)
   - **3. Core Requirements: Basic Level**
   - **4. Core Requirements: Advanced Level** (21 hrs)
     - PAD 3003 - Public Administration in American Society
     - PAD 4034 - The Administration of Public Policy
     - PAD 4104 - Administrative Theory
     - PAD 4204 - Fiscal Management
     - PAD 4414 - Human Resource Administration
     - PAD 4720 - Survey Research in Public Administration
   - **B.A./B.S. Option** (6 hrs)
   - **5. Restricted Electives** (39 hrs)

4. **Public Administration electives are required as follows:**
   - PAD majors must complete at least 21 hours of PAD prefixed electives at the 3000 level or higher.
   - Additional electives can be taken from other allied supporting fields such as accounting, legal studies, communications, computer science, criminal justice, economics, political science, social work, sociology, and statistics. Courses should be selected with the assistance of an advisor, and must be upper division (3000-4000 level).
   - Those who complete a recognized UCF minor in a discipline outside Public Administration must take a minimum of 18 hrs PAD prefixed electives.
   - Double Majors, those who complete a PAD major, and those of another UCF major, must take a minimum of 15 hrs PAD prefixed electives.

5. **6. Capstone Requirements**
   - **7. Foreign Language Requirements**
      - None

---

### Admission Requirements

- None

---

**Public Administration (B.A. / B.S.)**

**College of Health and Public Affairs**

**School of Public Administration,**

**Health and Public Affairs II, Room: 238**


Dr. Michael Abels, pa/ba/bs@mail.ucf.edu  
Phone: 407-823-2604

### Equipment Fees

- Part-Time Student: $13.00 per term  
- Full-Time Student: $26 per term
UCF Degree Programs

Graduation
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at the college level, beyond University requirement.

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- The students must attain a minimum grade of "C" (2.0) in all Common Program Prerequisites courses and in all Core Requirements (see sections 2 and 3 above).
- An overall 2.0 GPA must be attained for all coursework (see sections 1, 2, 3, and 4).

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors in Major
- None

Related Programs
- Accounting
- Computer Science
- Criminal Justice
- Economics
- Health Services Administration
- Human Communication
- Legal Studies
- Management
- Political Science
- Social Work

Certificates
- Nonprofit Management

Related Minors
- Business
- Economics
- Political Science
- Legal Studies
- Criminal Justice
- Urban and Regional Planning
- Emergency Management and Homeland Security
- Nonprofit Management/National Certification in Nonprofit Management

Advising Notes
- None

Transfer Notes
- Intro to Computer Science (CGS 1060C) or any Computer Science course (3 credits)
- Economics I (ECO 2013) or any Macroeconomics course (3 credits)
- American National Government (POS 2041) or any course in American National Government (3 credits)

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- This can be taken in any of the following combinations:
  - 6 hrs of PAD Internship; 6 hrs of PAD Electives; or 3 hrs of PAD Internship and 3 hrs of PAD Electives

Freshman Year - Fall 14 hrs
- ENC 1101 Composition I 3 hrs
- CGS 1060C Introduction to Computers 3 hrs
- POS 2041 American National Government 3 hrs
- PAF 2102 Public Affairs Careers 2 hrs

Select 1: 3 hrs
- ARH 2050 History of Western Art I or 3 hrs
- ARH 2051 History of Western Art II or 3 hrs
- MUL 2010 Enjoyment of Music or 3 hrs
- REL 2300 World Religions or 3 hrs
- PHI 2010 Introduction to Philosophy or 3 hrs
- THE 2000 Theatre Survey or 3 hrs
- LIT 2110 World Literature I or 3 hrs
- LIT 2120 World Literature II or 3 hrs

Freshman Year - Spring 15 hrs
- ENC 1102 Composition II 3 hrs
- MGF 1106 Finite Mathematics 3 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or 3 hrs
- SYG 2000 Introduction to Sociology or 3 hrs
- ANT 2000 General Anthropology or 3 hrs

Sophomore Year - Fall 15 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs

Select 1: 3 hrs
-开始了
Radio - Television (B.A.)
College of Sciences
Nicholson School of Communication, NSC, Room: 143
http://communication.cos.ucf.edu/
Email: radiotv@ucf.edu
Dr. Tim Brown, Area Coordinator, timbrown@ucf.edu
Nicholson Academic Student Services, nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements
- Students should apply to become Radio-Television majors only after completing all requirements for admission.
- Attain an overall minimum 2.25/4.0 GPA based on a minimum of 30 credit hours of college work. Note: meeting the minimum GPA does not guarantee admission since students are admitted on a space available basis. The GPA cut-off varies each term with the quality of applicants.
- Receive a positive evaluation of other factors specified by the Nicholson School of Communication.
- See an NSC advisor for additional admission criteria.
- For admission to the program, students must complete or be enrolled in and complete, RTV 3007 with at least a “C” (2.0) or better (if in progress at the time of admission, students who do not earn a “C” (2.0) or better will be removed from the program).
- Meet a grammar proficiency standard (“B” (3.0) grades or better in the following courses or pass the grammar proficiency exam).
  - ENC 1101 Composition I 3 hrs
  - ENC 1102 Composition II 3 hrs

Application Deadlines:
- October 1 to be admitted the next spring term;
- February 1 to be admitted the next summer term;
- June 1 to be admitted the next fall term.

Degree Requirements
- Must earn at least a “C” (2.0) or better in each core requirement and restricted elective in the major.
- Students who change degree programs (other than from Radio-TV Pending) and select this major must adopt the most current catalog.
- Students may complete an internship off campus in a professional broadcast, production, or corporate operation with advisor’s approval.
- Internship credit may be used in this major with prior school permission.
- Co-op credit may be used in this major with prior approval from an R-TV advisor.
- Students must consult with a school advisor.
- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Nicholson School of Communication.
- Of the 120 hours required for graduation, 80 hours must be taken outside of the disciplines represented within the Nicholson School of Communication.
- Of these 80 hours, 56 must be taken in the liberal arts (i.e. within the College of Arts & Humanities or the College of Sciences).
- To ensure completion within 120 hours and to comply with the 80 hour rule, no more than 40 (or 43 if a GEP speech class was taken at UCF) of the 120 hours may be taken within the Nicholson School of Communication.

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oecs.ucf.edu/aic/academic_learning_compacts.htm

Radio-TV majors must select their required minor from outside the Nicholson School of Communication to remain below the 40 credit hour school maximum.
- Students seeking to change tracks once accepted into the major, must re-apply to the R-TV major under the new, desired track.
- A maximum of three credit hours of internship may be earned in one semester. Internship credit, plus all other hours taken within the school, must not exceed 40 hours.
- A maximum of six credit hours of internship may be earned within the 120 credit hours required for graduation. Summer internships are available during “C” term only.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

UCF Degree Programs

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   - Required ENC 1101 Composition I 3 hrs
   - Required ENC 1102 Composition II 3 hrs
   Select 1: (3 hrs)
   - Required SPC 1608 Fundamentals of Oral Communication or 3 hrs
   - Required SPC 1603C Fundamentals of Technical Presentations 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   - Prefer AMH 2010 U.S. History: 1492-1877 3 hrs
   - Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
   - Select a third course from GEP B2 3 hrs

   C: Mathematical Foundations (6 hrs)
   - Math: 3 hrs
     - You may substitute a higher level math with appropriate scores on the Math Placement Test.
     - Suggested MGF 1106 Finite Mathematics or 3 hrs
     - Suggested MGF 1107 Explorations in Mathematics 3 hrs

   Computer Science: 3 hrs
   - Required CGS 2100C Computer Fundamentals for Business 3 hrs

   D: Social Foundations (6 hrs)
   - Select a listed course 3 hrs
   - Prefer POS 2041 American National Government 3 hrs
   - Select a listed course 3 hrs

   E: Science Foundations (6 hrs)
   - 2. Common Program Prerequisites (CPP)
     - None
     - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

   3. Core Requirements: Basic Level (15 hrs)
   - These courses may be taken before applying to the major.
     - Must earn at least a “C” (2.0) or better in each core requirement and restricted elective in the major.
     - MMC 3200 Mass Communication Law 3 hrs
     - MMC 3420 Mass Media Research Methods 3 hrs
     - RTV 3007 Development and Structure of Electronic Media and New Technology 3 hrs
     - RTV 3200 Production Fundamentals and Aesthetics of Electronic Media 3 hrs
     - RTV 4403 Electronic Media, Technology, and Society 3 hrs
     - SPC 1603C Fundamentals of Technical Presentations GEP 3 hrs
     - SPC 1608 Fundamentals of Oral Communication GEP 3 hrs

   4. Core Requirements: Advanced Level (3 hrs)
   - These courses are only available to students who have been accepted into the major.
5. Restricted Electives
- Specialization: Select one area and complete the credit hours required by that specialization.
- Must earn at least a “C” (2.0) or better in each core requirement and restricted elective in the major.

A. Production 18 hrs

Select from the following: 18 hrs
- RTV 3210C Audio Production I or 3 hrs
- RTV 3228C Studio Television Production or 4 hrs
- RTV 3223C Lighting for Video or 3 hrs
- RTV 3260C Single Camera Video Production and Editing or 4 hrs
- RTV 3263C Advanced Video Post-Production or 3 hrs
- RTV 3283C Production of Interactive Multimedia or 3 hrs
- RTV 4211C Audio Production II or 3 hrs
- RTV 4280C Webcasting I or 3 hrs
- RTV 4281C Webcasting II or 3 hrs
- RTV 4286C Television Directing or 3 hrs
- RTV 4271C Radio Production and Programming or 3 hrs
- RTV 3942L Practicum or 1 hr
- RTV 4941 Internship 1 hr

1 May be taken for a maximum of 3 hours.

B. Broadcast Journalism 22 hrs

Complete all of the following: 17 hrs
- JOU 4700 Journalism Ethics and 3 hrs
- RTV 3260C Single Camera Video Production and Editing and 4 hrs
- RTV 3301 Electronic Journalism I and 3 hrs
- RTV 3304 Electronic Journalism II and 3 hrs
- RTV 4320C Television News 4 hrs

Select from the following: 5 hrs
- JOU 3004 History of American Journalism or 3 hrs
- JOU 3015 Principles of Journalism or 3 hrs
- RTV 3234C Broadcast Announcing and Performance or 3 hrs
- RTV 3283C Production of Interactive Multimedia or 3 hrs
- RTV 4322C Advanced TV News or 3 hrs
- RTV 4730 Regulation of Broadcasting or 3 hrs
- RTV 4906 Directed Independent Study or 1 hr
- RTV 4941 Internship 1 hr

1 May be taken for a maximum of 3 hours.

C. Broadcast Generalist 18 hrs

Select from the following: 12 hrs
- ADV 4103 Radio-Television Advertising or 3 hrs
- JOU 3015 Principles of Journalism or 3 hrs
- COM 3330 Computer Mediated Communication or 3 hrs
- MMC 4263 New Media Technologies or 3 hrs
- RTV 3234C Broadcast Announcing and Performance or 3 hrs
- RTV 3283C Production of Interactive Multimedia or 3 hrs
- RTV 4271C Radio Production and Programming or 3 hrs
- RTV 4700 Regulation of Broadcasting or 3 hrs
- RTV 4800 Broadcast Management or 3 hrs
- RTV 4941 Internship 1 hr

Select from the following: 6 hrs
- ADV 3008 Principles of Advertising or 3 hrs
- COM 3110 Business and Professional Communication or 3 hrs
- MMC 3630 Social Media as Mass Communication or 3 hrs
- PUR 4000 Public Relations or 3 hrs
- RTV 4503 Sports Programming in Electronic Media or 3 hrs

1 May be taken for a maximum of 3 hours.

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- Met by graduation requirement.

Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.
- Eight credits of American Sign Language (ASL) can satisfy this requirement for students graduating under this catalog; however it will not count toward the 56 hour Liberal Arts requirement. Consult with the NSC advising staff to understand how choosing ASL impacts hours needed to graduate.

8. Electives
- Select primarily from upper level courses, with school advisor’s approval. Must be from outside of the school in order to not exceed the 40 credit hour cap. The majority of electives should be taken in the Liberal Arts to comply with the 56 hour Liberal Arts requirement.

9. Additional Requirements
- None

10. Required Minors
- Radio-Television majors must complete a minor of at least 18 hours in an academic area outside the Nicholson School of Communication.
- The following minors are suggested to complement the R-TV major, but any minor except those in the Nicholson School of Communication, may be taken:
   - Digital Media
   - Film - Cinema Studies
   - English - Writing
   - Political Science
   - Sociology
   - Theatre

11. Departmental Exit Requirements
- To avoid delaying graduation, you must request a review of requirements before registering for your last term.
- Achieve a “C” (2.0) or better average GPA in Nicholson School of Communication courses used to satisfy the major.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Advertising-Public Relations
- Digital Media
- Digital Media - Web Design Track
- Digital Media - Visual Language Track
- Film
- Journalism
- Theatre

Certificates
- None

Related Minors
- NOTE: Minors taught within the Nicholson School of Communication are not open to R-TV majors.
- Digital Media
- Film - Cinema Studies
- Marketing
- Theatre

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study
- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new, or more appropriate selections.
- Consult the school for detailed plans of study for each specialization.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

<table>
<thead>
<tr>
<th>Freshman Year - Fall</th>
<th>13 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101  Composition</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP-Math</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Freshman Year - Spring</th>
<th>13 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102  Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPC 1608  Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 CGS  Computer Fundamentals for Business</td>
<td>3 hrs</td>
</tr>
<tr>
<td>2100C</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

1. See alternatives

<table>
<thead>
<tr>
<th>Sophomore Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apply for admission by Feb 1</td>
<td></td>
</tr>
<tr>
<td>RTV 3007  Development and Structure of Electronic Media and New Technology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-outside of NSC</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>If admitted, take...</td>
<td></td>
</tr>
<tr>
<td>RTV 3200  Production Fundamentals and Aesthetics of Electronic Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 2102  Writing for the Electronic Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3200  Mass Communication Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-outside of NSC</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTV 4403  Electronic Media, Technology, and Society</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3420  Mass Media Research Methods</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Summer</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective-Internship</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-outside of NSC</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective, or</td>
<td></td>
</tr>
<tr>
<td>-Elective-Outside of NSC</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-Minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective-outside of NSC</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

### Real Estate (B.S.B.A.)
College of Business Administration
Dr. P. Phillips School of Real Estate, Business Administration I, Room: 427
Students seeking advising will need to go to BA 2 room 101.
http://web.bus.ucf.edu/realestate/
Phone: 407-823-3575

Not eligible for a double degree with another College of Business Administration major.

### Admission Requirements
- Completion of the UCF General Education Program and Gordon Rule, or an AA degree from a Florida College System or State University System institution.
- See Common Program Prerequisites

### Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
- Final exams will be given during exam week.
- Any student receiving a business degree must complete one half (30) of the 60 hours of upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- A maximum of 6 hours of required or elective coursework (from required courses and restricted electives below) can count toward another major or minor degree program.
- Students majoring in Real Estate must earn a grade of “C” (2.0) or better in each course applied toward the major, and a 2.0 overall average in the minor.
- Students must earn at least a 2.0 GPA in the major and CBA.
- Students wanting to major in real estate must apply for admission to the major.
- Students in the real estate major must maintain a 2.0 or higher cumulative grade point average in all 3000 level or higher finance or real estate courses taken at UCF. Failure to maintain the required 2.0 GPA will result in the student being placed on lack of progress in the major. Lack of progress in the major will continue until such time as the student’s cumulative GPA in all finance and real estate courses reaches 2.0 or higher. If a student on lack of progress in the major fails to achieve a 2.0 minimum GPA in finance and real estate courses in the subsequent term, that student will be dropped as a real estate major. A student who is dropped my seek re-admitance as a real estate major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving a finance and real estate GPA of 2.0 or higher. Readmission is not automatic.

1. **UCF General Education Program (GEP)** (36 hrs)
   - **A: Communication Foundations** (9 hrs)
     - Prefer SPC 1608  Fundamentals of Oral Communication
   - **B: Cultural & Historical Foundations** (9 hrs)
     - Required CGS 2100C  Computer Fundamentals for Business
   - **C: Mathematical Foundations** (6 hrs)
     - Required MAC 1105C  College Algebra

---

**UNIVERSITY OF CENTRAL FLORIDA**

297  Undergraduate Catalog 2014-2015
## UCF Degree Programs

### D: Social Foundations (6 hrs)

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>ECO 2033</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
</tr>
</tbody>
</table>

### E: Science Foundations (6 hrs)

<table>
<thead>
<tr>
<th>Select one of the following sequences of courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students who have not completed MAC 2233 and STA 2023 with a “C” (2.0) or better must take ECO 3401</td>
</tr>
<tr>
<td>ECO 3401 Quantitative Business Tools I</td>
</tr>
<tr>
<td>or</td>
</tr>
<tr>
<td>MAC 2233 Concepts of Calculus and</td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

### 3. Core Requirements: Basic Level (29 hrs)

First or subsequent semester in the College of Business Administration:

- GEB 3031 Cornerstone: Professional Skills for Business | 3 hrs |
- GEB 3031L Cornerstone Lab: Professional Skills for Business | 1 hr |
- GEB 3003 Career Research & Planning | 1 hr |
- GEB 3005 Career Search Strategy | 1 hr |
- GEB 3375 Introduction to International Business | 3 hrs |
- BUL 3130 Legal and Ethical Environment of Business | 3 hrs |
- ECO 3411 Quantitative Business Tools II | 3 hrs |
- FIN 3403C Business Finance | 3 hrs |
- MAN 3025 Management of Organizations | 3 hrs |
- MAR 3023 Marketing | 3 hrs |
- MAR 3203 Supply Chain and Operations Management | 3 hrs |
- GEB 4223 Business Interviewing Techniques | 1 hr |
- GEB 4004 Executing Your Career Plan | 1 hr |

### 4. Core Requirements: Advanced Level (9 hrs)

<table>
<thead>
<tr>
<th>Select 5:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 2100 Personal Finance and Investments</td>
</tr>
<tr>
<td>RIE 3043 Fundamentals of Real Estate</td>
</tr>
<tr>
<td>RIE 3433 Real Estate Law</td>
</tr>
</tbody>
</table>

### 5. Restricted Electives (15 hrs)

<table>
<thead>
<tr>
<th>Select 5:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 3414 Intermediate Corporate Finance</td>
</tr>
<tr>
<td>FIN 3504 Investment Analysis</td>
</tr>
<tr>
<td>MAR 3391 Professional Selling</td>
</tr>
<tr>
<td>RIE 3614 Environmental Issues for Real Estate</td>
</tr>
<tr>
<td>RIE 4103 Real Estate Appraisal and Valuation</td>
</tr>
<tr>
<td>RIE 4203 Commercial Real Estate Finance</td>
</tr>
<tr>
<td>RIE 4204 Residential Real Estate Finance</td>
</tr>
<tr>
<td>RIE 4303 Real Estate Investment Analysis</td>
</tr>
<tr>
<td>RIE 4732 Real Estate Development</td>
</tr>
<tr>
<td>RIE 4903H Honors Directed Readings I</td>
</tr>
<tr>
<td>RIE 4941 Internship</td>
</tr>
<tr>
<td>RIE 4970H Undergraduate Honors Thesis</td>
</tr>
<tr>
<td>RIE 4953 Advanced Topics in Real Estate</td>
</tr>
</tbody>
</table>

### 6. Capstone Requirements (4 hrs)

- MAN 4720 Strategic Management | 4 hrs |

This course should be taken in the graduating term and requires the following prerequisites:

- GEB 3031 Cornerstone: Professional Skills for Business | 3 hrs |
- MAR 3023 Marketing | 3 hrs |
- MAN 3025 Management of Organizations | 3 hrs |
| FIN 3433 Business Finance | 3 hrs |

### 7. Foreign Language Requirements

#### Admissions

- Two years of a foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

#### Graduation

- None

#### 8. Electives

- Variable

#### 9. Additional Requirements

- None

#### 10. Required Minors

- None

#### 11. Departmental Exit Requirements

- None

#### 12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

**Total Semester Hours Required:** 120

**Honors In Major**

- None

**Related Programs**

- None

**Certificates**

- Real Estate: Mortgage Brokerage
- Real Estate: Real Estate Appraisal
- Real Estate: Real Estate Brokerage

**Related Minors**

- None

**Advising Notes**

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

**Transfer Notes**

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take ECO 3401.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program.
- Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study (120 hrs)
- Must complete nine hours in a summer semester

Freshman Year - Fall 15 hrs
- ENC 1101 Composition I 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- MAC 1105C College Algebra 3 hrs
- Social Foundation 3 hrs
- Elective 3 hrs

Freshman Year - Spring 15 hrs
- ENC 1102 Composition II 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs
- Social Foundation 3 hrs
- Elective 3 hrs

Sophomore Year - Fall 15 hrs
- ACG 2021 Principles of Managerial Accounting 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- Historical Foundation I 3 hrs
- Science 3 hrs
- Elective 3 hrs

Sophomore Year - Spring 15 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- ECO 3401 Quantitative Business Tools I 3 hrs
- Historical Foundation II 3 hrs
- Science 3 hrs
- Elective 3 hrs

Junior Year - Fall 14 hrs
- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3003 Career Research & Planning 1 hr
- FIN 3403C Business Finance 3 hrs
- GEB 3375 Introduction to International Business 3 hrs

Junior Year - Spring 16 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- REE 3043 3 hrs
- REE 3433 Real Estate Law 3 hrs
- FIN 2100 Personal Finance and Investments 3 hrs
- GEB 3005 Career Search Strategy 1 hr
- Free Elective 3 hrs

Senior Year - Fall 16 hrs
- MAN 3025 Management of Organizations 3 hrs
- MAR 3203 Supply Chain & Operations Management 3 hrs
- REE Elective 3 hrs
- REE Elective 3 hrs
- REE Elective 3 hrs
- GEB 4223 Business Interviewing Techniques 1 hr

Senior Year - Spring 14 hrs
- MAN 4720 Strategic Management 4 hrs
- BUL 3130 Legal & Ethical Environment of Business 3 hrs
- REE Elective 3 hrs
- REE Elective 3 hrs
- GEB 4004 Executing Your Career Plan 1 hr

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oesa.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $25.00 per term
- Full-Time Student: $50.00 per term

Religion and Cultural Studies (B.A.)
College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: religion@ucf.edu
Dr. Sabatino DiBernardo, sabatino.dibernardo@ucf.edu
Phone: 407-823-2273

Religion and Cultural Studies is a BA program designed to familiarize students with religious traditions around the world, from ancient through contemporary cultures, as well as to introduce students to critical theories and methods through which to view and analyze the category of religion and its associated concepts, practices, and meanings in all areas of life. The program emphasizes the academic study of religion, and does not privilege any particular tradition or belief. This program can be completed online, although not every course in each category is offered as an online course.

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior approval by the chair.
- Students must earn at least a “C” (2.0) in each required course.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
- Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- No more than 3 courses (i.e. 9 credit hours) of 3000 or 4000 level courses applied to the B.A. in Religion and Cultural Studies may be simultaneously applied to fulfill another major.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   Math: Suggested MGF 1106 Finite Mathematics or 3 hrs
   or
   Suggested MGF 1107 Explorations in Mathematics or 3 hrs
   You may substitute a higher level math with appropriate scores on the Math Placement Exam.

   Statistics-Computers: 3 hrs
   Select a course from GEP C.2 list 3 hrs

   D: Social Foundations (6 hrs)
   E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level
   HUM 2210 Humanistic Tradition I GEP
   HUM 2230 Humanistic Tradition II GEP
   REL 2300 World Religions GEP

   Studying Religion and Culture 3 hrs
   REL 2000 Introduction to Religious Studies 3 hrs

Equipment Fees
- Part-Time Student: $25.00 per term
- Full-Time Student: $50.00 per term

Plan of Study (120 hrs)
- Must complete nine hours in a summer semester

Freshman Year - Fall 15 hrs
- ENC 1101 Composition I 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- MAC 1105C College Algebra 3 hrs
- Social Foundation 3 hrs
- Elective 3 hrs

Freshman Year - Spring 15 hrs
- ENC 1102 Composition II 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs
- Social Foundation 3 hrs
- Elective 3 hrs

Sophomore Year - Fall 15 hrs
- ACG 2021 Principles of Managerial Accounting 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- Historical Foundation I 3 hrs
- Science 3 hrs
- Elective 3 hrs

Sophomore Year - Spring 15 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- ECO 3401 Quantitative Business Tools I 3 hrs
- Historical Foundation II 3 hrs
- Science 3 hrs
- Elective 3 hrs

Junior Year - Fall 14 hrs
- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3003 Career Research & Planning 1 hr
- FIN 3403C Business Finance 3 hrs
- GEB 3375 Introduction to International Business 3 hrs

Junior Year - Spring 16 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- REE 3043 3 hrs
- REE 3433 Real Estate Law 3 hrs
- FIN 2100 Personal Finance and Investments 3 hrs
- GEB 3005 Career Search Strategy 1 hr
- Free Elective 3 hrs

Senior Year - Fall 16 hrs
- MAN 3025 Management of Organizations 3 hrs
- MAR 3203 Supply Chain & Operations Management 3 hrs
- REE Elective 3 hrs
- REE Elective 3 hrs
- REE Elective 3 hrs
- GEB 4223 Business Interviewing Techniques 1 hr

Senior Year - Spring 14 hrs
- MAN 4720 Strategic Management 4 hrs
- BUL 3130 Legal & Ethical Environment of Business 3 hrs
- REE Elective 3 hrs
- REE Elective 3 hrs
- GEB 4004 Executing Your Career Plan 1 hr

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oesa.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $25.00 per term
- Full-Time Student: $50.00 per term

Religion and Cultural Studies (B.A.)
College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: religion@ucf.edu
Dr. Sabatino DiBernardo, sabatino.dibernardo@ucf.edu
Phone: 407-823-2273

Religion and Cultural Studies is a BA program designed to familiarize students with religious traditions around the world, from ancient through contemporary cultures, as well as to introduce students to critical theories and methods through which to view and analyze the category of religion and its associated concepts, practices, and meanings in all areas of life. The program emphasizes the academic study of religion, and does not privilege any particular tradition or belief. This program can be completed online, although not every course in each category is offered as an online course.

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior approval by the chair.
- Students must earn at least a “C” (2.0) in each required course.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
- Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- No more than 3 courses (i.e. 9 credit hours) of 3000 or 4000 level courses applied to the B.A. in Religion and Cultural Studies may be simultaneously applied to fulfill another major.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   Math: Suggested MGF 1106 Finite Mathematics or 3 hrs
   or
   Suggested MGF 1107 Explorations in Mathematics or 3 hrs
   You may substitute a higher level math with appropriate scores on the Math Placement Exam.

   Statistics-Computers: 3 hrs
   Select a course from GEP C.2 list 3 hrs

   D: Social Foundations (6 hrs)
   E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level
   HUM 2210 Humanistic Tradition I GEP
   HUM 2230 Humanistic Tradition II GEP
   REL 2300 World Religions GEP

   Studying Religion and Culture 3 hrs
   REL 2000 Introduction to Religious Studies 3 hrs

Equipment Fees
- Part-Time Student: $25.00 per term
- Full-Time Student: $50.00 per term
UCF Degree Programs

4. Core Requirements: Advanced Level (24 hrs)

■ Traditions 9 hrs
  Must select at least one in each category

Abrahamic Traditions 3 hrs
JST 3401 Jewish People in Antiquity or 3 hrs
REL 3403 Christianity or 3 hrs
REL 3363 Islam or 3 hrs
REL 3320 Moses, Jesus and Muhammad or 3 hrs
REL 3432 Roots of Western Mysticism 3 hrs

Asian and Indigenous Traditions 3 hrs
ANT 3245 Native American Religions or 3 hrs
REL 3340 Buddhist Thought or 3 hrs
REL 3333 Hinduism or 3 hrs
REL 3123 Asian Religions in America 3 hrs

Theories and Methods 6 hrs
Must select one in each category

Religion 3 hrs
REL 4157 Religion and Psychoanalysis or 3 hrs
PHI 3700 Philosophy of Religion or 3 hrs
PHI 3720 Faith and Reason or 3 hrs
REL 4936 Key Figures in Religion and Cultural Studies or
REL 4496 Key Concepts in Religion and Cultural Studies 3 hrs

Cultural Studies 3 hrs
HUM 3805 Critical Theory in the Humanities or 3 hrs
HUM 3326 Theories of Sex and Gender in Humanities or
HUM 4459 American Cultural Studies in Humanities or
HUM 4823 Queer Theory in the Humanities or
HUM 4826 Postcolonial Theory or 3 hrs
PHI 3600 Contemporary Philosophy or 3 hrs
PHI 4804 Critical Theory 3 hrs

Religion in Culture 9 hrs
Must select three from the following:
REL 3101 Religion in Popular Culture 3 hrs
REL 3111 Religion and Philosophy Through Film 3 hrs
REL 3115 Religion, Spirituality, and Popular Music 3 hrs
REL 3130 Religion in America 3 hrs
REL 4110 Religion and the Arts 3 hrs
REL 4180 Religion and Medicine 3 hrs
PHI 3033 Philosophy, Religion, and the Environment 3 hrs
ANT 3241 Magic, Ritual, and Belief 3 hrs
POT 4632 Religion and Politics 3 hrs
SYO 4200 Religion in Society 3 hrs

5. Restricted Electives (6 hrs)
Any two from Traditions, Theories and Methods, or Religion in Culture not being used to satisfy those categories can be used here.

Note: Related courses may be substituted with consent of Religion and Cultural Studies adviser.

6. Capstone Requirements
REL 4910 Senior Research Seminar 3 hrs

7. Foreign Language Requirements
Admissions
■ Met by graduation requirement

Graduation
Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language, preferably one functional in their area of proposed graduate interest.

8. Electives
Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
■ None

10. Required Minors
■ None

11. Departmental Exit Requirements
■ Earn a “C” (2.0) or better in each required course.
■ To avoid delaying graduation, you must request a review of requirements prior to registering for your last term.
■ Computer Competency met by one of the following:
  REL 4970H Undergraduate Honors Thesis 3 hrs
  REL 4910 Senior Research Seminar 3 hrs
  STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

12. University Minimum Exit Requirements
■ A 2.0 UCF GPA
■ 60 semester hours earned after CLEP awarded
■ 48 semester hours of upper division credit completed
■ 30 of the last 39 hours of course work must be completed in residency at UCF.
■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 36 hrs
Honors Thesis 6 hrs
REL 4903H Honors Directed Readings I 3 hrs
REL 4970H Undergraduate Honors Thesis 3 hrs

Additional Requirements
■ Application and admission through the Humanities Honors Coordinator and the Burnett Honors College.
■ Fulfill University requirements for Honors in the Major.
■ Maintain a UCF GPA of at least 3.2 and a Religion and Cultural Studies GPA of at least 3.5.
■ Successful completion and oral defense of Honors Thesis.
■ Earn a “B” (3.0) or better in both of the following:
  REL 4903H Honors Directed Readings I 3 hrs
  REL 4970H Undergraduate Honors Thesis 3 hrs

Related Programs
■ Interdisciplinary Studies
■ Philosophy
■ Humanities

Certificates
■ None

Related Minors
■ Humanities
■ Judaic Studies
■ Philosophy
■ Religion and Cultural Studies

Advising Notes
■ None

Transfer Notes
■ Lower division courses do not substitute for upper division courses.
■ Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
■ None

Plan of Study
Freshman Year - Fall 16 hrs
ENC 1101 Composition I 3 hrs
HUM 2210 Humanistic Tradition I 3 hrs
MGF 1106 Finite Mathematics 3 hrs
REL 2300 World Religions 3 hrs
SPN 1120C Elementary Spanish Language and Civilization I 4 hrs
### Restaurant and Foodservice Management (B.S.)

**Rosen College of Hospitality Management**  
Department of Foodservices and Lodging Management,  
9907 Universal Boulevard, Orlando, FL 32819  
http://www.hospitality.ucf.edu

**Email:** hospitality@mail.ucf.edu  
Dr. Joe Hutchinson, Department Chair  
Dr. Abraham Pizam, Dean  
Phone: 407-903-8000

#### Admission Requirements

- None

#### Degree Requirements

- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.

- Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

<table>
<thead>
<tr>
<th>Program Academic Learning Compacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <a href="http://www.oears.ucf.edu/aic/academic_learning_compacts.htm">http://www.oears.ucf.edu/aic/academic_learning_compacts.htm</a></td>
</tr>
</tbody>
</table>

#### Undergraduate Catalog 2014-2015

<table>
<thead>
<tr>
<th>Freshman Year - Spring</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUM 2230 Humanistic Tradition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPN 1121C Elementary Spanish Language and Civilization II</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>REL 2000 Introduction to Religious Studies</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL 4910 Senior Research Seminar</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oears.ucf.edu/aic/academic_learning_compacts.htm

#### Restaurant and Foodservice Management (B.S.)

<table>
<thead>
<tr>
<th>UCF General Education Program (GEP)</th>
<th>(36 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Communication Foundations</td>
<td>(9 hrs)</td>
</tr>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td>(9 hrs)</td>
</tr>
<tr>
<td>C: Mathematical Foundations</td>
<td>(6 hrs)</td>
</tr>
<tr>
<td>Required</td>
<td>MAC 1105C College Algebra</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>CGS 2100C Computer Fundamentals for Business or STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>ECO 2013 Principles of Macroeconomics or STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

| Required | ECO 2023 Principles of Microeconomics | 3 hrs |

| Required | PSY 2012 General Psychology or SYG 2000 Introduction to Sociology or ANT 2000 General Anthropology | 3 hrs |

| Required | ECO 2013 Principles of Macroeconomics | 3 hrs |

| Required | STA 2023 Statistical Methods I | 3 hrs |

#### 2. Common Program Prerequisites (CPP) | (7 hr)

- HFT 1000 Introduction to the Hospitality and Tourism Industry | 3 hrs |
- FSS 2221C Techniques of Food Preparation | 4 hrs |

- See “Common Prerequisites” in the Transfer and Transitions section (pg. 46) for more information.

#### 3. Core Requirements: Basic Level

| HFT 1000 Introduction to the Hospitality and Tourism Industry | 3 hrs |
| FSS 2221C Techniques of Food Preparation | 4 hrs |

| GEP | 3 hrs |
| HFT 1000 Introduction to the Hospitality and Tourism Industry | 3 hrs |
| FSS 2221C Techniques of Food Preparation | 4 hrs |

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>ECO 2013 Principles of Macroeconomics or STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

| Required | ECO 2023 Principles of Microeconomics | 3 hrs |

| Required | PSY 2012 General Psychology or SYG 2000 Introduction to Sociology or ANT 2000 General Anthropology | 3 hrs |

| Required | STA 2023 Statistical Methods I | 3 hrs |

#### 4. Core Requirements: Advanced Level | (51 hrs)

| Hospitality Core Requirements | 30 hrs |
| HFT 2401 Hospitality Industry Financial Accounting | 3 hrs |
| HFT 2500 Hospitality and Tourism Marketing | 3 hrs |
| HFT 2220 Hospitality Human Resources Management | 3 hrs |
| HFT 3444 Hospitality Information Systems | 3 hrs |
| HFT 3603 Legal Environment in the Hospitality and Tourism Industry | 3 hrs |
| HFT 3431 Hospitality industry Managerial Accounting | 3 hrs |
| HFT 3540 Guest Services Management I | 3 hrs |
| HFT 4464 Hospitality Industry Finance | 3 hrs |
| HFT 4286 Hospitality Communications | 3 hrs |
| HFT 4295 Leadership and Strategic Management in Hospitality Industry | 3 hrs |

| Internships | 3 hrs |
| HFT 3940 Internship I | 1 hr |
| HFT 4941 Internship II | 1 hr |
| HFT 4944 Internship III | 1 hr |

| Restaurant Management Core | 18 hrs |
| FSS 3124 Supply and Procurement Management | 3 hrs |
| HFT 3263 Restaurant Management | 3 hrs |
| HFT 3613 Foodservice Marketing, Sales, and Distribution | 3 hrs |
| HFT 4457 Food, Beverage, and Labor Cost Controls | 3 hrs |
| HFT 4861C Beverage Management | 3 hrs |
| HFT 2843 Sanitation in the Food Service Industry | 3 hrs |

<table>
<thead>
<tr>
<th>Select 5:</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>FSS 3008 Culture and Cuisine or HFT 3654 Hospitality Franchising or HFT 3868 History and Culture of Wine or HFT 4065 Fine Spirits Management or HFT 4266 Hospitality Brand Management</td>
</tr>
<tr>
<td>Required</td>
<td>FSS 4135 Corporate Contract and Managed Services Organizations or FSS 4286C Catering and Banquet Organization or HFT 3868 History and Culture of Wine or HFT 4065 Fine Spirits Management or HFT 4266 Hospitality Brand Management</td>
</tr>
<tr>
<td>Required</td>
<td>FSS 4286C Catering and Banquet Organization or HFT 3868 History and Culture of Wine or HFT 4065 Fine Spirits Management or HFT 4266 Hospitality Brand Management</td>
</tr>
<tr>
<td>Required</td>
<td>ECO 2013 Principles of Macroeconomics</td>
</tr>
<tr>
<td>Required</td>
<td>STA 2023 Statistical Methods I</td>
</tr>
<tr>
<td>Required</td>
<td>PSY 2012 General Psychology or SYG 2000 Introduction to Sociology or ANT 2000 General Anthropology</td>
</tr>
<tr>
<td>Required</td>
<td>STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

**UCF Degree Programs**
UCF Degree Programs

HFT 4268 Case Studies in Restaurant Management 3 hrs
HFT 4281 Restaurant Leadership Strategies and Tactics 3 hrs
HFT 4343 Hospitality Facilities Management or 3 hrs
HFT 4864 Seminar in Quality Brewing and Fine Beer or 3 hrs
HFT 4866C Exploring Wines of the World or 3 hrs
HFT 4894 International Gastronomy or 3 hrs
HUN 3013 Nutrition Concepts and Issues in the Food Service Industry 3 hrs

6. Capstone Requirements
   None
7. Foreign Language Requirements
   Admissions
   State University System foreign language admission requirement: two years in high school or one year in college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)
   Graduation
   None
8. Electives
   3-11 hours as necessary to result in 120 total credit hours.
9. Additional Requirements
   Final exams will be given during Exam Week only.
   Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management classes at UCF.
10. Required Minors
    None
11. Departmental Exit Requirements
    None
12. University Minimum Exit Requirements
    A 2.0 UCF GPA
    60 semester hours earned after CLEP awarded
    48 semester hours of upper division credit completed
    30 of the last 39 hours of course work must be completed in residency at UCF.
    A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.
Total Semester Hours Required
   120

Honors In Major
None
Related Programs
None
Certificates
None
Related Minors
None
Advising Notes
Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.
Transfer Notes
Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in UCF’s Rosen College of Hospitality Management.
Florida College System institution students are encouraged to complete general education requirements, prior to transferring to UCF.
A minimum of 30 semester hours must be completed at UCF within the Rosen College of Hospitality Management.
Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses
   None

Plan of Study
   Plan your required nine summer credit hours into your course of study.

Freshman Year - Fall 15 hrs
   ENC 1101 Composition I 3 hrs
   HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
   MAC 1105C College Algebra 3 hrs
   Cult/Hist. Foundations I 3 hrs
   Select 1: 3 hrs
   PSY 2012 General Psychology or 3 hrs
   SYG 2000 Introduction to Sociology or 3 hrs
   ANT 2000 General Anthropology 3 hrs

Freshman Year - Spring 16 hrs
   ENC 1102 Composition II 3 hrs
   SPC 1608 Fundamentals of Oral Communication 3 hrs
   FSS 2221C Techniques of Food Preparation 4 hrs
   Cult/Hist. Foundations II 3 hrs
   Select 1: 3 hrs
   CGS 10900 Introduction to Computers or 3 hrs
   STA 2023 Statistical Methods I 3 hrs

Sophomore Year - Fall 14 hrs
   HFT 2220 Hospitality Human Resources Management 3 hrs
   Science Foundations I 3 hrs
   Free Electives 5 hrs
   Select 1: 3 hrs
   ECO 2013 Principles of Macroeconomics or 3 hrs
   ECO 2023 Principles of Microeconomics 3 hrs

Sophomore Year - Spring 15 hrs
   HFT 2500 Hospitality and Tourism Marketing 3 hrs
   HFT 2401 Hospitality Industry Financial Accounting 3 hrs
   Science Foundations II 3 hrs
   Cult/Hist. Foundations III 3 hrs
   Free Elective 3 hrs

Junior Year - Fall 16 hrs
   HFT 3431 Hospitality Industry Managerial Accounting 3 hrs
   HFT 3540 Guest Services Management I 3 hrs
   FSS 3124 Supply and Procurement Management 3 hrs
   HFT 3444 Hospitality Information Systems 3 hrs
   HFT 3263 Restaurant Management 3 hrs
   HFT 3940 Internship I 1 hr
   Restaurant Restricted Elective 3 hrs

Junior Year - Spring 16 hrs
   HFT 3603 Legal Environment in the Hospitality and Tourism Industry 3 hrs
   HFT 3813 Foodservice Marketing, Sales, and Distribution 3 hrs
   HFT 4457 Food, Beverage, and Labor Cost Controls 3 hrs
   HFT 2843 Sanitation in the Food Service Industry 3 hrs
   HFT 4941 Internship II 1 hr
   Restaurant Restricted Elective 3 hrs

Senior Year - Fall 13 hrs
   HFT 4464 Hospitality Industry Finance 3 hrs
   HFT 4266 Hospitality Communications 3 hrs
   HFT 4861C Beverage Management 3 hrs
   HFT 4944 Internship III 1 hr
   Restaurant Restricted Elective 3 hrs

Senior Year - Spring 15 hrs
   HFT 4295 Leadership and Strategic Management in Hospitality Industry 3 hrs
   Restaurant Restricted Electives 9 hrs
   Free Elective 3 hrs

Program Academic Learning Compacts
   Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oetas.ucf.edu/alacademic_learning_compacts.htm

Equipment Fees
   Part-Time Student: $37.50 per term
   Full-Time Student: $75 per term
Science Education - Biology (B.S.)
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://education.ucf.edu/science/

Gwyndolyn Crittenden, ED 223E, Gwyndolyn.Crittenden@ucf.edu, 407-823-1862
Dr. Janet Andreasen, ED123Q, janet.andreasen@ucf.edu, 407-823-5430

The Science Education - Biology B.S. program offers students the option of two tracks: Science Education - Biology Track and Science Education - Biology Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal 6-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside of formal K-12 schools that do not require certification.

Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).
- The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

Degree Requirements
- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

1. UCF General Education Program (GEP) (38 hrs)
- Note: Students are advised to take the preferred courses.

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Communication Foundations</td>
<td>Required ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Required ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Prefer SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td>Prefer AH 1010 U.S. History: 1492-1877</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Prefer AH 2020 U.S. History: 1877-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Prefer PHI 1010 Introduction to Philosophy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>C: Mathematical Foundations</td>
<td>Required MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Select 1:
- Prefer STA 1063C Basic Statistics Using Microsoft Excel or STA 2045C Principles of Statistics | 3 hrs |

D: Social Foundations (6 hrs)
- Prefer POS 2041 American National Government | 3 hrs |
- Prefer PSY 2012 General Psychology | 3 hrs |

E: Science Foundations (7 hrs)
- 1 Required PSC 1121 Physical Science | 3 hrs |
- 1 Required BSC 2010C Biology I | 4 hrs |

1 A grade of “C-”(1.75) is required.

2. Common Program Prerequisites (CPP) (21 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- EDF 2005 Introduction to the Teaching Profession | 3 hrs |
- EDF 2085 Introduction to Diversity for Educators | 3 hrs |
- EME 2040 Introduction to Technology for Educators | 3 hrs |
- BSC 2010C Biology I | GEP |
- MAC 2311C Calculus with Analytic Geometry I | GEP |
- BSC 2011C Biology II | 4 hrs |
- CHM 2045C Chemistry Fundamentals I | 4 hrs |
- CHM 2046 Chemistry Fundamentals II | 3 hrs |
- CHM 2046L Chemistry Fundamentals Laboratory | 1 hr |

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level (3 hrs)
- Education Track requires 3 semester hours
- Lifelong Learning Track requires 6 semester hours
- Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in this section with the permission of the department.
- Students should consult with advisor regarding course options

BSC 2010C Biology I | GEP |
BSC 2011C Biology II | CPP |
CHM 2045C Chemistry Fundamentals I | CPP |
PSC 1121 Physical Science | GEP |

Education Track: 3 hrs
- EDF 2130 Child and Adolescent Development for Educators |

Lifelong Learning Track: 6 hrs
- MHS 2330 Career Planning | 3 hrs |

Select 1:
- EDF 2130 Child and Adolescent Development for Educators | 3 hrs |
- EDP 2270 Adult Development & Learning | 3 hrs |

4. Core Requirements: Advanced Level (55 hrs)
- Education Track requires 58 semester hours
- Lifelong Learning Track requires 55 semester hours

Education Core Requirements: 18 hrs
- Education Track requires 18 semester hours of Education Core Requirements
- Lifelong Learning Track requires 21 semester hours of Education Core Requirements

<table>
<thead>
<tr>
<th>Education Core Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 4467 Learning Theory and Assessment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDG 4410 Teaching Strategies and Classroom Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEX 4242 Teaching Exceptional Students in Secondary Settings</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 4043 Content Reading in Kindergarten through Grade 12</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TSL 4080 Theory and Practice of Teaching ESOL</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Lifelong Learning Track: 3 hrs
- SCE 4361 Programs in Teaching Science |

Education Track Specialization Requirements: 21 hrs
- CHM 2205 Introduction to Organic and Biochemistry | 5 hrs |
- CHM 2046 Chemistry Fundamentals II | CPP |
- CHM 2046L Chemistry Fundamentals Laboratory | 3 hrs |
- PCB 3044 Principles of Ecology | 1 hr |
- PCB 3044L Principles of Ecology Laboratory | 5 hrs |
- MCB 3020C General Microbiology | 5 hrs |
- SCE 4361 Programs in Teaching Science | 3 hrs |
Select 1:  4 hrs
PCB 3703C  Human Physiology or  4 hrs
ZOO 3733C  Human Anatomy or  4 hrs
PCB 3063 Genetics & PCB 3063L Genetics Lab  4 hrs

Internship I Block  7 hrs
■ Program Internship I Prerequisites: EDG 4410, TSL 4080 and at least 50% of all required biology courses must be completed prior to Internship I with a minimum grade of a “C-” (1.75) or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
■ Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.
■ Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.
■ Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexp/.
SCE 4360 Science Instructional Analysis  4 hrs
SCE 3940 Internship  3 hrs

Internship II  12 hrs
■ At least 80% of all required biology courses and all methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization, and overall for admission to Internship II.
■ Passing scores on all sections [General Knowledge, Professional, and Subject Area (Biology 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
■ Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/cinicalexp/.
■ Satisfactory completion of Internship II requires the student to demonstrate proficiency in all 12 Florida Educator Accomplished Practices at the pre-professional level in accordance with State Board of Education Rule 6A-5.066.
SCE 4941 Internship  12 hrs

Lifelong Learning Track Specialization  34 hrs
■ Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
■ A grade of “C-” (1.75) or better is required.
■ Must have a total of 48 or more hours of upper level courses to graduate.
PCB 3044 Principles of Ecology  3 hrs
PCB 3044L Principles of Ecology Laboratory  1 hr
MCB 3020C General Microbiology  5 hrs
PCB 3703C Human Physiology  4 hrs
ZOO 3733C Human Anatomy  4 hrs
PCB 3063 Genetics  3 hrs
PCB 3063L Genetics Laboratory  1 hr
EDG 4941 Directed Field Experience  1 hr
EDG 4948 Service Learning  3 hrs
DIG 3525 Digital Media Production I  3 hrs
DIG 2300 Introduction to Digital Media  3 hrs
DIG 2030C Digital Video Fundamentals  3 hrs
DIG 2109C Digital Imaging Fundamentals  3 hrs
DIG 2500C Fundamentals of Interactive Design  3 hrs
DIG 3811 User-Centered Design  3 hrs
DEP 2004C Developmental Psychology  3 hrs

DEP 3202 Psychology of Exceptional Children  3 hrs
DEP 3464 Psychology of Aging  3 hrs
EXP 3604C Cognitive Psychology  4 hrs
EXP 3250 Principles of Human Factors Psychology  3 hrs
EAB 3703C Principles of Behavior Modification  4 hrs
MAN 3025 Management of Organizations  3 hrs
MAN 4101 Human Relations in Management  3 hrs
MAR 3023 Marketing  3 hrs
HFT 1000 Introduction to the Hospitality and Tourism Industry  3 hrs
HFT 2750 The Event Industry  3 hrs
ECT 4184 Curriculum Development Techniques for Industry Training  3 hrs
HFT 3798 Fairs and Festivals  3 hrs
HFT 4754 Exhibit and Trade Show Operations  3 hrs

5. Restricted Electives
■ None

6. Capstone Requirements
■ None

7. Foreign Language Requirements
Admissions
■ State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
■ None

8. Electives
■ None

9. Additional Requirements
■ None

10. Required Minors
■ None

11. Departmental Exit Requirements
■ Achieve a minimum 2.5 GPA in all courses within the major.
■ Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the 12 Florida Educator Accomplished Practices.

Education Track
■ Pass all applicable sections of the Florida Teacher Certification Examination.

12. University Minimum Exit Requirements
■ A 2.0 UCF GPA
■ 60 semester hours earned after CLEP awarded
■ 48 semester hours of upper division credit completed
■ 30 of the last 39 hours of course work must be completed in residency at UCF.
■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
■ 120

Honors In Major
■ None

Related Programs
■ None

Certificates
■ None

Related Minors
■ None

Advising Notes
■ None

Transfer Notes
■ None

Acceptable Substitutes for Transfer Courses
■ None
**Plan of Study (120 hrs)**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year - Fall</strong></td>
<td>12 hrs</td>
</tr>
<tr>
<td>AMH 2010 U.S. History: 1492-1877</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 2012 General Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Select 1:</strong></td>
<td></td>
</tr>
<tr>
<td>STA 2014C Principles of Statistics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Freshman Year - Spring</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>AMH 2020 U.S. History: 1877-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 2010 Introduction to Philosophy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSC 1121 Physical Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Freshman Year - Summer</strong></td>
<td>6 hrs</td>
</tr>
<tr>
<td>POS 2041 American National Government</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Education Track</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDP 2130 Child and Adolescent Development for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Lifelong Learning Track</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDP 2130 Child and Adolescent Development for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDP 2270 Adult Development &amp; Learning</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Sophomore Year - Fall</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>BSC 2010C Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2045C Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 2311 Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EDP 2005 Introduction to the Teaching Profession</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Sophomore Year - Spring</strong></td>
<td>14 hrs</td>
</tr>
<tr>
<td>BSC 2011C Biology II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EDF 2085 Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EMS 2040 Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2046 Chemistry Fundamentals I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2046L Chemistry Fundamentals Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td><strong>Sophomore Year - Summer</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>TSL 4080 Theory and Practice of Teaching ESOL</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Students in Schools</td>
<td></td>
</tr>
<tr>
<td><strong>Junior Year - Fall</strong></td>
<td>14 hrs</td>
</tr>
<tr>
<td>EDF 4467 Learning Theory and Assessment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDG 4410 Teaching Strategies and Classroom Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Education Track</strong></td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 3044 Principles of Ecology and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3044L Principles of Ecology Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td><strong>Select one of the following sequences of courses:</strong></td>
<td></td>
</tr>
<tr>
<td>PCB 3063 Genetics and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3063L Genetics Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>or PCB 3703C Human Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>or ZOO 3733C Human Anatomy</td>
<td>4 hrs</td>
</tr>
<tr>
<td><strong>Lifelong Learning Track</strong></td>
<td>8 hrs</td>
</tr>
<tr>
<td>Choose Lifelong Learning Specialization courses</td>
<td>8 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Spring</strong></td>
<td>13 hrs</td>
</tr>
<tr>
<td>SCE 4361 Programs in Teaching Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Education Track</strong></td>
<td>10 hrs</td>
</tr>
<tr>
<td>MCB 3202C General Microbiology and</td>
<td>5 hrs</td>
</tr>
<tr>
<td>CHM 2205 Introduction to Organic and Biochemistry</td>
<td>5 hrs</td>
</tr>
<tr>
<td><strong>Lifelong Learning Track</strong></td>
<td>10 hrs</td>
</tr>
<tr>
<td>MHS 2330 Career Planning and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Choose Lifelong Learning Specialization courses</td>
<td>7 hrs</td>
</tr>
</tbody>
</table>

---

**Science Education - Chemistry (B.S.)**

**College of Education and Human Performance**

**School of Teaching, Learning, and Leadership, Education Building, Room: 209**


**Dr. Janet Andreasen, ED 123Q, Janet.Andreasen, 407-823-5430**

**Gwyndolyn Crittenden, ED 223E, Gwyndolyn.Crittenden@ucf.edu, 407-823-1862**

The Science Education Chemistry B.S program offers students the option of two tracks: Science Education - Chemistry Track and Science Education - Chemistry Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

**Admission Requirements**

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA.
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

**Degree Requirements**

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.
UCF Degree Programs

1. UCF General Education Program (GEP)  (37 hrs)
   ■ Note: Students are advised to take the preferred courses.

A: Communication Foundations  (9 hrs)
   Required ENC 1101 Composition I  3 hrs
   Required ENC 1102 Composition II  3 hrs
   Prefer SPC 1608 Fundamentals of Oral Communication  3 hrs

B: Cultural & Historical Foundations  (9 hrs)
   Prefer AMH 2010 U.S. History: 1492-1877  3 hrs
   Prefer AMH 2020 U.S. History: 1877-Present  3 hrs
   Prefer PHI 2010 Introduction to Philosophy  3 hrs

C: Mathematical Foundations  (6 hrs)
   Required MAC 1114C College Trigonometry  3 hrs

Select 1:  3 hrs
   Prefer STA 1063C Basic Statistics Using Microsoft Excel or
   Prefer STA 2014C Principles of Statistics  3 hrs

D: Social Foundations  (6 hrs)
   Prefer POS 2041 American National Government  3 hrs
   Prefer PSY 2012 General Psychology  3 hrs

E: Science Foundations  (7 hrs)
   Required BSC 2010C Biology I  4 hrs
   Required PSC 1121 Physical Science  3 hrs

   1 A grade of “C-” (1.75) or better is required.

2. Common Program Prerequisites (CPP)  (21 hrs)
   ■ See “Common Prerequisites” in the Transfer and
   Transitions Services section for more information.
   EDF 2005 Introduction to the Teaching Profession  3 hrs
   1 EDF 2085 Introduction to Diversity for Educators  3 hrs
   EME 2040 Introduction to Technology for Educators  3 hrs
   CHM 2045C Chemistry Fundamentals I  4 hrs
   CHM 2046 Chemistry Fundamentals II  3 hrs
   CHM 2046L Chemistry Fundamentals Laboratory  1 hr
   PHY 2053C College Physics I  4 hrs

   1 In addition, a minimum of 6 hours with an international or diversity focus
   is required. The foreign language admission requirement may be used
   to meet this requirement.

3. Core Requirements: Basic Level  (4 hrs)
   ■ Education Track requires 4 semester hours
   ■ Lifelong Learning Track requires 7 semester hours
   ■ Transfer Notes: Courses taken at Florida College
   System institutions may substitute for select courses in this
   section with the permission of the department.
   CHM 2045C Chemistry Fundamentals I  3 hrs
   PSC 1121 Physical Science  1 hr
   BSC 2010C Biology I  1 hr
   MAC 1114C College Trigonometry  1 hr

   Education Track  3 hrs
   EDF 2130 Child and Adolescent Development for Educators  3 hrs

Lifelong Learning Track  6 hrs
   MHS 2330 Career Planning  3 hrs

Select 1:  3 hrs
   EDF 2130 Child and Adolescent Development for Educators or
   EDP 2270 Adult Development & Learning  3 hrs

4. Core Requirements: Advanced Level  (55 hrs)
   ■ Education Track requires 58 semester hours
   ■ Lifelong Learning Track requires 55 semester hours

Education Core Requirements  18 hrs
   ■ Education Track requires 18 semester hours of
   Education Core Requirements
   ■ Lifelong Learning Track requires 21 semester hours of
   Education Core Requirements
   1 EDF 4467 Learning Theory and Assessment  3 hrs
   EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools  3 hrs
   EDG 4410 Teaching Strategies and Classroom Management  3 hrs
   † TSL 4080 Theory and Practice of Teaching ESOL  3 hrs

Lifelong Learning Track Specialization  21 hrs
   CHM 2046 Chemistry Fundamentals II  3 hrs
   CHM 2048L Chemistry Fundamentals Laboratory  3 hrs
   PHY 2053C College Physics I  3 hrs
   CHM 3120 Analytical Chemistry  3 hrs
   CHM 3120L Analytical Chemistry Laboratory  1 hr
   CHM 2210 Organic Chemistry I  3 hrs
   CHM 2211 Organic Chemistry II  3 hrs
   CHM 2211L Organic Laboratory Techniques I  2 hrs
   CSH 3501 Introduction to Forensic Science  3 hrs
   BCH 4053 Biochemistry I  3 hrs
   †† SCE 4361 Programs in Teaching Science  3 hrs

Internship I Block  7 hrs
   ■ Program Internship I Prerequisites: EDF 4410, TSL 4080 and at least 50% of all required chemistry courses
   must be completed prior to Internship I with a minimum grade of “C-” (1.75) or better. However, a minimum GPA of
   2.5 is required in the professional, specialization and overall for admission to Internship I.
   ■ Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is
   required before application to Internship I.
   ■ Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE)
   is strongly recommended as soon as possible after completing the following courses: EDF 4410 Teaching
   Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading
   Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.
   ■ Students must apply and be approved for Internship I. Deadline dates and applications are available through the
   ††† SCE 4360 Science Instructional Analysis  4 hrs
   ††† SCE 3940 Internship  3 hrs

Internship II  12 hrs
   ■ At least 80% of all required chemistry courses and all
   methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II.
   However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to
   Internship II.
   ■ Passing scores on all sections [General Knowledge, Professional, and Subject Area (Chemistry 6-12)] of the
   Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
   ■ Students must apply and be approved for Internship II. Deadline dates and applications are available through the
   ■ Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator
   Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.
   †††† SCE 4941 Internship  12 hrs

Lifelong Learning Track Specialization  34 hrs
   ■ Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in
   the content area. Substitutions are allowed with advisor approval.

UNIVERSITY OF CENTRAL FLORIDA  306  Undergraduate Catalog 2014-2015
A grade of "C-"(1.75) or better is required.
Must have a total of 48 or more hours of upper level courses to graduate.

CHM 3120 Analytical Chemistry 3 hrs
CHM 3120L Analytical Chemistry Laboratory 1 hr
CHM 2210 Organic Chemistry I 3 hrs
CHM 2211 Organic Chemistry II 3 hrs
CHM 2211L Organic Laboratory Techniques I 2 hrs
CHS 3501 Introduction to Forensic Science 3 hrs
BCH 4093 Biochemistry I 3 hrs
EDG 4941 Directed Field Experience 1 hr
EDG 4948 Service Learning 3 hrs
DIG 3525 Digital Media Production I 3 hrs
DIG 2000 Introduction to Digital Media 3 hrs
DIG 2030C Digital Video Fundamentals 3 hrs
DIG 2109C Digital Imaging Fundamentals 3 hrs
DIG 2500C Fundamentals of Interactive Design 3 hrs
DIG 3811 User-Centered Design 3 hrs
DEP 2004C Developmental Psychology 3 hrs
DEP 3202 Psychology of Exceptional Children 3 hrs
DEP 3464 Psychology of Aging 3 hrs
EXP 3604C Cognitive Psychology 4 hrs
EXP 3250 Principles of Human Factors Psychology 3 hrs
EAB 3700C Principles of Behavior Modification 4 hrs
MAN 3025 Management of Organizations 3 hrs
MAN 4101 Human Relations in Management 3 hrs
MAR 3023 Marketing 3 hrs
ECT 4184 Curriculum Development Techniques for Industry Training 3 hrs
HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
HFT 2750 The Event Industry 3 hrs
HFT 3798 Fairs and Festivals 3 hrs
HFT 4754 Exhibit and Trade Show Operations 3 hrs

5. Restricted Electives
- None

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
- None
8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Achieve a minimum 2.5 GPA in all courses within the major.
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the Florida Educator Accomplished Practices.

Education Track
- Pass all applicable sections of the Florida Teacher Certification Examination.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- None

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Plan of Study (120 hrs)
- Required Minors
- Related Programs
- Certificates
- University Minimum Exit Requirements
- Additional Requirements
- Departmental Exit Requirements
- University Minimum Exit Requirements
- Total Semester Hours Required

Freshman Year - Fall
- AMH 2010 U.S. History: 1492-1877 3 hrs
- ENC 1101 Composition I 3 hrs
- PSC 1121 Physical Science 3 hrs
- PSC 1121L Physical Science Lab 1 hr
- PSY 2012 General Psychology 3 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- MAC 1114C College Trigonometry 3 hrs
- PHI 2010 Introduction to Philosophy 3 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs

Freshman Year - Summer
- POS 2041 American National Government 3 hrs

Select 1:
- STA 2043C Principles of Statistics or 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

Sophomore Year - Fall
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- BSC 2010C Biology I 4 hrs
- CHM 2045C Chemistry Fundamentals I 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs

Sophomore Year - Spring
- CHM 2046L Chemistry Fundamentals II Laboratory 1 hr
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs

Education Track
- 3 hrs
- 1 EDF 2130 Child and Adolescent Development for Educators 3 hrs

Lifelong Learning Track
- 3 hrs

Select 1:
- 3 hrs
- EDF 2130 Child and Adolescent Development for Educators or 3 hrs
- EDP 2270 Adult Development & Learning 3 hrs

1 Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

Sophomore Year - Summer
- PHY 2053C College Physics I 4 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs
- EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- MAC 1114C College Trigonometry 3 hrs
- EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs

Education Track
- 4 hrs

Junior Year - Fall
- 16 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs
- EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- MAC 1114C College Trigonometry 3 hrs
- EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs

Education Track
- 7 hrs
- CHM 2210 Organic Chemistry I and 3 hrs
- CHM 3120 Analytical Chemistry and 3 hrs
- CHM 3120L Analytical Chemistry Laboratory 1 hr

Lifelong Learning Track
- 7 hrs
- Choose Lifelong Learning Specialization courses 7 hrs
UCC Degree Programs

Junior Year - Spring 14 hrs
RED 4043 Content Reading in Kindergarten through 3 hrs
Grade 12
SCE 4361 Programs in Teaching Science 3 hrs

Education Track 8 hrs
CHM 2211 Organic Chemistry II and 3 hrs
CHM 2211L Organic Laboratory Techniques I and 2 hrs
CHS 3501 Introduction to Forensic Science 3 hrs

Lifelong Learning Track 8 hrs
MHS 2330 Career Planning and 3 hrs
Choose Lifelong Learning Specialization courses 5 hrs

Junior Year - Summer 3 hrs
TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
Students in Schools

Senior Year - Fall 13 hrs
EDF 4603 Analysis and Application of Ethical, Legal, 3 hrs
and Safety Issues in Schools

Education Track 8 hrs
SCE 4360 Science Instructional Analysis and 4 hrs
SCE 3940 Internship and 1 hr
BCH 4053 Biochemistry I 3 hrs

Lifelong Learning Track 10 hrs
Choose Lifelong Learning Specialization courses 10 hrs

Senior Year - Spring 12 hrs

Education Track
SCE 4941 Internship 12 hrs

Lifelong Learning Track
Choose Lifelong Learning Specialization courses 12 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $12 per term
- Full-Time Student: $24 per term

Science Education - Physics (B.S.)
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://education.ucf.edu/science/
Gwendolyn Crittenden, ED 223E, Gwendolyn.Crittenden@ucf.edu, 407-823-1862
Dr. Janet Andreassen, ED 123Q, Janet.Andreassen@ucf.edu, 407-823-5430

The Science Education- Physics B.S. program offers students the option of two tracks: Science Education - Physics Track and Science Education - Physics Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment in formal, 6-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of “C” (1.75) or better
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

Degree Requirements
- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

1. UCF General Education Program (GEP) (38 hrs)
- Students are advised to take the preferred courses.

A: Communication Foundations (9 hrs)
Required ENC 1101 Composition I 3 hrs
Required ENC 1102 Composition II 3 hrs
Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
Prefer AMH 2010 U.S. History: 1492-1877 3 hrs
Prefer PHI 2010 Introduction to Philosophy 3 hrs
Prefer AMH 2020 U.S. History: 1877-Present 3 hrs

C: Mathematical Foundations (7 hrs)
Required MAC 2311C Calculus with Analytic Geometry I 4 hrs

Select 1:
- STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
- STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
Prefer POS 2041 American National Government 3 hrs
Prefer PSY 2012 General Psychology 3 hrs

E: Science Foundations (7 hrs)
Required PHY 2048C Physics for Engineers & Scientists I 4 hrs

Select 1:
1 Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
- PHY 2048C Physics for Engineers & Scientists I 4 hrs
- PHY 2049C Physics for Engineers & Scientists II 4 hrs
- BCH 2045C Chemistry Fundamentals I 4 hrs
- BCH 2046 Chemistry Fundamentals II 3 hrs
- BCH 2046L Chemistry Fundamentals Laboratory 1 hr

1 A grade of “C” (1.75) or better is required.
2 A grade of “C” (1.75) or better is required.

2. Common Program Prerequisites (CPP) (29 hrs)
- See “Common Prerequisites” in the Transfer and Transition Services section for more information.

EDF 2005 Introduction to the Teaching Profession 3 hrs
EDF 2085 Introduction to Diversity for Educators 3 hrs
EME 2040 Introduction to Technology for Educators 3 hrs
MAC 2311C Calculus with Analytic Geometry I GEP
MAC 2312 Calculus with Analytic Geometry II 4 hrs
MAC 2313 Calculus with Analytic Geometry III 4 hrs
PHY 2048C Physics for Engineers & Scientists I GEP
PHY 2049C Physics for Engineers and Scientists II GEP
CHM 2045C Chemistry Fundamentals I 4 hrs
CHM 2046 Chemistry Fundamentals II 3 hrs
CHM 2046L Chemistry Fundamentals Laboratory 1 hr

1 In addition, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level (3 hrs)
- Education Track requires 3 semester hours

Education Track 3 hrs
1 EDF 2130 Child and Adolescent Development for Educators 3 hrs

1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.
Education Track Specialization Requirements 13 hrs

Selected 1:
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- EDP 2270 Adult Development & Learning 3 hrs

Core Requirements: Advanced Level (47 hrs)
- Education Track requires 50 semester hours
- Lifelong Learning Track requires 47 semester hours

Education Core Requirements 18 hrs
- Education Track requires 18 semester hours of Education Core Requirements
- Lifelong Learning Track requires 21 semester hours of Education Core Requirements

1. EDF 4467 Learning Theory and Assessment 3 hrs
2. EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
3. EDG 4410 Teaching Strategies and Classroom Management 3 hrs
4. EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
5. RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
6. 1 TSL 4080 Theory and Practice of Teaching ESOL in Schools 3 hrs

Lifelong Learning Track
- SCE 4361 Programs in Teaching Science 3 hrs

Pre-requisite for Internship I (Education Track)
- SCE 4361 Programs in Teaching Science 3 hrs

Education Track Specialization Requirements 13 hrs

CHM 2045C Chemistry Fundamentals I 3 hrs
CHM 2046 Chemistry Fundamentals II 3 hrs
CHM 2046L Chemistry Fundamentals Laboratory 3 hrs
MAC 2312 Calculus with Analytic Geometry II 3 hrs
MAC 2313 Calculus with Analytic Geometry III 3 hrs
PHY 2049C Calculus for Engineers and Scientists III 3 hrs
PHY 3101 Physics for Engineers and Scientists III 3 hrs
SCE 4361 Programs in Teaching Science 3 hrs
Elective: 3000 or 4000 level Phy or Phys prefix 4 hrs

Select 1:
- PHY 3722C Physics Laboratory-Electronics 3 hrs
- PHY 3752C Physics of Scientific Instruments 3 hrs

Internship I Block 7 hrs
- Program Internship I Prerequisites: EDF 4410, TSL 4080 and at least 50% of all required physics courses must be completed prior to Internship I with a minimum grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
- Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.
- Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDF 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.
- Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexp/
- SCE 4360 Instructional Analysis 4 hrs
- SCE 3940 Internship 3 hrs

Internship II 12 hrs
- At least 80% of all required physics courses and all methods courses must be completed with a letter grade of "C-" (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.
- Passing scores on all sections [General Knowledge, Professional, and Subject Area (Physics 6-12) of the Florida Teacher Certification Examination (FTCE)] is required prior to entry into Internship II.
- Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexp/
- Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.006.
- SCE 4941 Internship 12 hrs

Lifelong Learning Track Specialization 26 hrs

Requirements
- Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
- A grade of "C-"(1.75) or better is required.
- Must have a total of 48 or more hours of upper level courses to graduate.

Theory and Practice of Teaching ESOL Students in Schools.
- Select 1:
  - MAC 2312 Calculus with Analytic Geometry III 3 hrs
  - PHY 3101 Physics for Engineers and Scientists III 3 hrs
  - PHY 3722C Physics Laboratory-Electronics 3 hrs
  - PHY 3752C Physics of Scientific Instruments 3 hrs
  - DIG 2030C Digital Video Fundamentals 3 hrs
  - DIG 2109C Digital Imaging Fundamentals 3 hrs
  - DIG 2360C Fundamentals of Interactive Design 3 hrs
  - DIG 3525 Digital Media Production I 3 hrs
  - DIG 3700C Digital Media Production II 3 hrs
  - DIG 3750C Digital Media Production III 3 hrs
  - DEP 1003C Principles of Human Factors Psychology 3 hrs
  - EAB 2003C Management of Organizations 3 hrs
  - MAR 3023 Marketing 3 hrs
  - MAR 4011 Human Relations in Management 3 hrs
  - TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
  - SCE 4360 Instructional Analysis 4 hrs
  - SCE 3940 Internship 3 hrs

5. Restricted Electives
- None

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
- None

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None
### Lifelong Learning Track
- **EDF 2130**: Child and Adolescent Development for Educators or EDP 2270: Adult Development & Learning (3 hrs)
- **CHM 2046**: Chemistry Fundamentals II (3 hrs)
- **CHM 2046L**: Chemistry Fundamentals Laboratory (1 hr)

### Junior Year - Fall
- **EEX 4242**: Teaching Exceptional Students in Secondary Settings (3 hrs)
- **EDG 4410**: Teaching Strategies and Classroom Management (3 hrs)
- **TSL 4080**: Theory and Practice of Teaching ESOL Students in Schools (3 hrs)

### Education Track
- **PHY 3101**: Physics for Engineers and Scientists III (3 hrs)

### Lifelong Learning Track
- **Choose Lifelong Learning Specialization course** (3 hrs)

### Junior Year - Spring
- **EDF 4467**: Learning Theory and Assessment (3 hrs)
- **RED 4043**: Content Reading in Kindergarten through Grade 12 (3 hrs)
- **SCE 4361**: Programs in Teaching Science (3 hrs)

### Education Track
- **PHY 3752C**: Physics of Scientific Instruments or **PHY 3722C**: Physics Laboratory-Electronics (3 hrs)

### Lifelong Learning Track
- **Choose Lifelong Learning Specialization course** (1 hr)

### Senior Year - Fall
- **EDF 4903**: Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3 hrs)

### Education Track
- **Choose Lifelong Learning Specialization courses** (12 hrs)

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm](http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees
- **Part-Time Student**: $12 per term
- **Full-Time Student**: $24 per term

### Social Science Education (B.S.)
- **College of Education and Human Performance**
- **School of Teaching, Learning, and Leadership**, **Education Building, Room: 209**
  - [http://education.ucf.edu/ssed/](http://education.ucf.edu/ssed/)
  - Dr. Scott Waring, ED 206J, Scott.Waring@ucf.edu, 407-823-1766
  - Dr. Janet Andreassen, ED 123Q, Janet.Andreassen@ucf.edu, 407-823-5430
  - The Social Science Education B.S. program offers students the option of two tracks: Social Science Education - Education Track and Social Science Education - Lifelong Learning Track (non-
certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisites and Other Program Prerequisites courses with a minimum letter grade of “C-” (1.75) or better.
- Meet the Gordon Rule Requirement.
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

Degree Requirements
- Students should see an advisor prior to registering for classes.
- The courses designated in 1. (General Education) and 2. (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

1. UCF General Education Program (GEP) (36 hrs)
- Students are advised to take preferred courses.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required AMH 2010 U.S. History: 1492-1877 3 hrs
- Required AMH 2020 U.S. History: 1877-Present 3 hrs
- Prefer PHI 2010 Introduction to Philosophy 3 hrs

C: Mathematical Foundations (6 hrs)
- Select 1: STA 1063C Basic Statistics Using Microsoft Excel or STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
- Required POS 2041 American National Government 3 hrs
- Required PSY 2012 General Psychology 3 hrs

E: Science Foundations (6 hrs)
- Prefer PSC 1121 Physical Science 3 hrs

Select 1: ANT 2511 The Human Species or BSC 1005 Biological Principles 3 hrs

2. Common Program Prerequisites (CPP) (9 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

EDP 2005 Introduction to the Teaching Profession 3 hrs
1 EDP 2085 Introduction to Diversity for Educators 3 hrs
EME 2040 Introduction to Technology for Educators 3 hrs
AMH 2010 U.S. History: 1492-1877 GEP
AMH 2020 U.S. History: 1877-Present GEP
POS 2041 American National Government GEP
PSY 2012 General Psychology GEP

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level (9 hrs)
- Education Track requires 9 semester hours
- Lifelong Learning Track requires 12 semester hours

Education Track (9 hrs)
- Student should consult advisor regarding course options
1 EDF 2130 Child and Adolescent Development for Educators 3 hrs
SYG 2000 Introduction to Sociology 3 hrs
ECO 2013 Principles of Microeconomics 3 hrs

Lifelong Learning Track (12 hrs)
SYG 2000 Introduction to Sociology 3 hrs
ECO 2013 Principles of Microeconomics 3 hrs
MHS 2330 Career Planning 3 hrs

Select 1:
EDF 2130 Child and Adolescent Development for Educators 3 hrs
EDP 2270 Adult Development & Learning 3 hrs

4. Core Requirements: Advanced Level (63 hrs)
- Education Track requires 66 semester hours
- Lifelong Learning Track requires 63 semester hours

Education Core Requirements (18 hrs)
- Education Track requires 18 semester hours of Education Core Requirements
- Lifelong Learning Track requires 21 semester hours of Education Core Requirements

EDG 4410 Teaching Strategies and Classroom Management 3 hrs
1 EDF 4467 Learning Theory and Assessment 3 hrs
EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
1 TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs
EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

Lifelong Learning Track
SSE 4936 Programs in Teaching Social Science 3 hrs

1 Pre-requisite for Internship I (Education Track)

Education Track Specialization Requirements (30 hrs)
GEO 3471 World Political Geography 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs
EHU 2000 Western Civilization I 3 hrs
EHU 2001 Western Civilization II 3 hrs
AMH 1020 U.S. History: 1492-1877 GEP
AMH 2020 U.S. History: 1877-Present GEP
POS 2041 American National Government GEP
PSY 2012 General Psychology GEP
SSE 4936 Programs in Teaching Social Science 3 hrs

Upper Division Non-Western History Elective (AFH, ASH, or LAH prefix courses 3/4XXX) 3 hrs
Upper Division Political Science Elective (CPO, INR, or POS prefix courses 3/4XXX) 3 hrs
Upper Division American History Elective (AMH prefix courses 3/4XXX) 3 hrs
Field of Concentration Upper Division Electives (AFH, AMH, CPO, INR, LAH, or POS 3/4XXX) 6 hrs

Internship I Block (6 hrs)
- Prior to Internship I, the student must have completed EDG 4410 Teaching Strategies and Classroom Management and at least 50% of all required science courses indicated above with a letter grade of “C-” (1.75) or better prior to Internship I. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
## UCF Degree Programs

- **Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.**
- **Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.**
- **Students must apply and be approved for Internship I.** Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalalex/

### Internship II

- **At least 80% of all required social science courses and all methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II.** However, a minimum GPA of 2.5 is required in the professional, specialization, and overall for admission to Internship II.
- **Passing scores on all sections [General Knowledge, Professional, and Subject Area (Social Science 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.**
- **Students must apply and be approved for Internship II.** Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalalex/
- **Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.**

### LifeLong Learning Track Specialization

- **Select preferred specialization courses with advisor approval.** A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
- **A grade of “C-” (1.75) or better is required.**
- **Must have a total of 48 or more hours of upper level courses to graduate.** Field of Concentration Upper Level Courses (1-39 hrs of 1 hr)

### Required Minors

None

### Related Programs

- None

### Acceptable Substitutes for Transfer Courses

None

### Plan of Study (120 hrs)

#### Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 1010 U.S. History: 1492-1877</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MGF 1106 Finite Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 2012 General Psychology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 2200 U.S. History: 1877-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>POS 2041 American National Government</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Select 1:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2511 The Human Species or BSC 1005 Biological Principles</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Freshman Year - Summer

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 2010 Introduction to Philosophy</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

## Related Programs

- None

## Graduation

- None
### Education Track
- **Sophomore Year - Fall**
  - EDF 2005: Introduction to the Teaching Profession (3 hrs)
  - ECO 2013: Principles of Macroeconomics (3 hrs)
  - PSC 1121: Physical Science (3 hrs)
  - SYG 2000: Introduction to Sociology (3 hrs)
- **Select 1:**
  - STA 1063C: Basic Statistics Using Microsoft Excel (3 hrs)
  - STA 2014C: Principles of Statistics (3 hrs)
- **Sophomore Year - Spring**
  - EDF 2085: Introduction to Diversity for Educators (3 hrs)
  - EME 2040: Introduction to Technology for Educators (3 hrs)

### Lifelong Learning Track
- **Junior Year - Fall**
  - Choose Lifelong Learning Specialization courses (6 hrs)
  - Lifelong Learning Track (3 hrs)
  - MHS 2330: Career Planning (3 hrs)
- **Select 1:**
  - EDF 2130: Child and Adolescent Development for Educators (3 hrs)
  - EDF 2270: Adult Development & Learning (3 hrs)
- **Sophomore Year - Summer**
  - Choose Lifelong Learning Specialization courses (3 hrs)
  - Lifelong Learning Track (3 hrs)
  - TSL 4080: Theory and Practice of Teaching ESOL (3 hrs)
  - Students in Schools (3 hrs)

### Education Track
- **Junior Year - Spring**
  - EDF 4467: Learning Theory and Assessment (3 hrs)
  - EDG 4410: Teaching Strategies and Classroom Management (3 hrs)
  - SSE 4936: Programs in Teaching Social Science (3 hrs)
- **Education Track**
  - EUH 2000: Western Civilization I and Upper Division Political Science Elective (CPO, INR, POS 3/4XXX) (3 hrs)
- **Lifelong Learning Track**
  - Choose Lifelong Learning Specialization courses (6 hrs)
- **Senior Year - Fall**
  - Choose Lifelong Learning Specialization courses (9 hrs)
  - Select 1: 3 hrs
  - Lifelong Learning Track (9 hrs)
- **Senior Year - Spring**
  - SSE 4941: Internship (12 hrs)

### Lifelong Learning Track
- **Sophomore Year - Summer**
  - Choose Lifelong Learning Specialization courses (3 hrs)
  - Lifelong Learning Track (3 hrs)
  - TSL 4080: Theory and Practice of Teaching ESOL (3 hrs)
  - Students in Schools (3 hrs)

### Education Track
- **Sophomore Year - Spring**
  - EDF 4467: Learning Theory and Assessment (3 hrs)
  - EDG 4410: Teaching Strategies and Classroom Management (3 hrs)
  - SSE 4936: Programs in Teaching Social Science (3 hrs)
- **Education Track**
  - EUH 2000: Western Civilization I and Upper Division Political Science Elective (CPO, INR, POS 3/4XXX) (3 hrs)
- **Lifelong Learning Track**
  - Choose Lifelong Learning Specialization courses (6 hrs)
- **Senior Year - Fall**
  - Choose Lifelong Learning Specialization courses (9 hrs)
  - Select 1: 3 hrs
  - Lifelong Learning Track (9 hrs)
- **Senior Year - Spring**
  - SSE 4941: Internship (12 hrs)
## UCF Degree Programs

### C: Mathematical Foundations  (6 hrs)

<table>
<thead>
<tr>
<th>Statistics:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required STA 2014C Principles of Statistics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Required STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Math:  3 hrs
- You may substitute a higher level math with appropriate scores on the Math Placement Test.
- Prefer MGF 1107 Explorations in Mathematics or | 3 hrs |
- Suggested MGF 1106 Finite Mathematics | 3 hrs |

### D: Social Foundations  (6 hrs)

**Select the following course:**  3 hrs
- Required POS 2041 American National Government | 3 hrs |

**Select one of the following, depending on the concentration to be followed:**  3 hrs
- Required ANT 2000 General Anthropology or | 3 hrs |
- Required PSY 2012 General Psychology or | 3 hrs |
- Required SYG 2000 Introduction to Sociology | 3 hrs |

### E: Science Foundations  (6 hrs)

**Select one of the following Statistics courses:**  3 hrs
- STA 2014C Principles of Statistics or | GEP |
- STA 2023 Statistical Methods I | GEP |

**Select at least three of the following, depending on concentrations to be taken:**

- ANT 2000 General Anthropology | GEP |
- POS 2041 American National Government | GEP |
- PSY 2012 General Psychology | GEP |
- SPC 1608 Fundamentals of Oral Communication | GEP |
- SYG 2000 Introduction to Sociology | GEP |

### 5. Restricted Electives
- None

### 6. Capstone Requirements
- **Students** will be required to take a standardized exit exam in their graduating semester.

### 7. Foreign Language Requirements

#### Admissions
- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

#### Graduation
- **None**

### 8. Electives
- **After meeting with a departmental advisor, select electives primarily from upper level courses to satisfy the 48 hour rule. Courses may be outside the areas.**

### 9. Additional Requirements
- **None**

### 10. Required Minors
- Three minors are to be selected from the following listing:
  - However only one minor may be taken within a single department or school.
  - Anthropology
  - Anthropology in Multicultural Studies
  - Crime, Law, and Deviance
  - Diplomacy
  - Diversity and Social Inequality
  - European Studies
  - Human Communication
  - International and Global Studies
  - Journalism Studies
  - Magazine Journalism
  - Mass Communication
  - Mass Culture and Collective Behavior
  - Medical Anthropology
  - Medical Sociology
  - North American Indian Studies
  - Political Science
  - Political Science/Prelaw
  - Psychology
  - Sociology

### 11. Departmental Exit Requirements
- **Maintain a minimum GPA of 2.0 in each Social Science discipline.**
- **A minimum grade of "C" (2.0) in all core courses is required.**
- **Students** will be required to take a standardized exit exam in their graduating semester.

### 12. University Minimum Exit Requirements
- **A 2.0 UCF GPA**
- **60 semester hours earned after CLEP awarded**
- **48 semester hours of upper division credit completed**
- **30 of the last 39 hours of course work must be completed in residency at UCF.**
- **A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.**
- **Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.**

### Total Semester Hours Required
- **120**

### Honors In Major
- **None**

### Related Programs
- Anthropology
- Interdisciplinary Studies - Liberal Arts Track
- Economics
- Political Science
- Psychology
- Public Administration
- Sociology

### Certificates
- **None**

### Related Minors
- Anthropology
- Economics
- Human Communication
- Political Science
- Psychology
- Public Administration
- Sociology

### Advising Notes
- **Students** should seek advising in the Sociology department.

### Transfer Notes
- **Lower division courses do not substitute for upper division courses.**
- **Transfer courses must be evaluated for equivalency credit and/or for use in the degree program. The student must provide all supporting information.**
Acceptable Substitutes for Transfer Courses

- Any two introductory Social Sciences courses could meet CPP requirements. However, the indicated courses are prerequisites for subsequent courses and must be taken.

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Math, take Math Placement Test ~ http://utc.sdes.ucf.edu

Freshman Year - Fall (16 hrs)
- ENC 1101 Composition I 3 hrs
- Foreign Language 4 hrs
- GEP- Math 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Freshman Year - Spring (16 hrs)
- Core Course 3 hrs
- Statistics 3 hrs
- ENC 1102 Composition II 3 hrs
- Foreign Language 4 hrs
- GEP 3 hrs

Sophomore Year - Fall (13 hrs)
- Core Course 3 hrs
- Elective / Minor 3 hrs
- GEP 4 hrs
- GEP 3 hrs

Sophomore Year - Spring (15 hrs)
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Junior Year - Fall (15 hrs)
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs

Junior Year - Spring (15 hrs)
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs

Senior Year - Fall (15 hrs)
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Free Elective 3 hrs

Senior Year - Spring (15 hrs)
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Elective / Minor 3 hrs
- Free Elective 3 hrs

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Social Work (B.S.W.)

College of Health and Public Affairs
School of Social Work,
Health and Public Affairs I, Room: 204
http://www.coap.ucf.edu/social/
Email: socialwk@ucf.edu
Dr. Bonnie Yegidis, Director
Robin Kohn, Undergraduate Program Coordinator
Catherine Cash, BSW Advisor
Phone: 407-823-2114

Admission Requirements

- Acceptance to the University does not necessarily constitute admission to the upper division social work program. Separate application to the limited access program must be made to the School of Social Work. Students are admitted to the undergraduate program only in the Summer or Fall terms. To be considered for admission to the program, students must have:
  - Admission to the University.
  - A 2.5 overall GPA.
  - An AA (from a Florida College System or State University System institution) or UCF General Education Program and Gordon Rule requirement.
  - 15 semester hours common program prerequisites (see Section 2 below for list of courses).

This limited access program is work-intensive. Due to this it is strongly recommended that students be at least one year post high school prior to applying to the program. Students with concerns or questions should contact the program to schedule an appointment with an advisor.

- Personal qualifications considered for acceptance include intelligence, initiative, social concern, appreciation for human diversity, dependability, humanitarian interests in helping people and in improving human services and college-level reading and writing skills.

Degree Requirements

- Students who are pending Social Work and are admitted to the program must adopt the most current catalog.
- Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Social Work.
- Students should complete the General Education Program and the Common Program Prerequisite Requirements before beginning the Social Work Program.
- Students should consult with a school advisor.
- The courses designated in sections 1 (general education) and 2 (common program prerequisites) below may be taken at a college or university other than UCF, and should usually be completed in the first 60 hours.
- A minimum overall GPA of 2.5 is required in all Social Work courses with a minimum grade of “C” (2.0) in each course.
- Students must earn an overall GPA of 2.5 for entry into field education (SOW 4510 or SOW 4941 part-time) and to be eligible for graduation from the Social Work Program.
- Students must complete all the requirements listed in 1-11 below.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
   - Suggested STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)

   Select 1: 3 hrs
   - Suggested STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs

   -
UCF Degree Programs

Select 1: 3 hrs
- Suggested MGF 1106 Finite Mathematics or
- Suggested MGF 1107 Explorations in Mathematics

D: Social Foundations (6 hrs)
- Suggested POS 2041 American National Government
- Suggested PSY 2012 General Psychology

E: Science Foundations (6 hrs)
- Suggested BSC 1005 Biological Principles

Select 1: 3 hrs
- Prefer PSC 1121 Physical Science or
- Suggested AST 2002 Astronomy

2. Common Program Prerequisites (CPP) (6 hrs)
- See Transfer Notes
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- POS 2041 American National Government
- BSC 1005 Biological Principles
- PSY 2012 General Psychology
- SYG 2000 Introduction to Sociology

Select 1: 3 hrs
- ECO 2013 Principles of Macroeconomics or
- ECO 2023 Principles of Microeconomics

3. Core Requirements: Basic Level

4. Core Requirements: Advanced Level (45 hrs)

Required Principles of Statistics 3 hrs
- Choose one of the following suggested courses, or see advisor for more options:
  - STA 2014 Principles of Statistics
  - STA 2023 Statistical Methods I

Cultural Diversity Requirement 6 hrs
- Choose two of the following suggested courses
  - ANT 4332 People and Cultures of Latin America
  - ANT 4310 Cultural Anthropology
  - ANT 3610 Language and Culture
  - ASH 4404 Modern China
  - ASH 4442 Modern Japan
  - CPO 4303 Comparative Latin American Politics
  - HUM 3401 Asian Humanities
  - REL 3333 Hinduism
  - REL 3363 Islam
  - JST 3401 Jewish People in Antiquity
  - JST 3402 Wanderings: The Jewish People in Dispersion
  - JST 3820 Modern Israeli Culture
  - LAH 3130 Latin American History I
  - LAH 3200 Modern Latin America
  - LAH 3400 History of Mexico and Central America
  - LAH 3470 History of the Caribbean
  - AMH 3561 Women in American History I
  - AMH 3571 Black American History I
  - AMH 3586 History of the Hispanic Minorities in the U.S.
  - ANT 3302 Sex, Gender and Culture
  - ANT 3311 Indians of the Southeastern United States

ANT 3313 Indians of North America High Plains 3 hrs
SOP 3724 Psychology of Prejudice 3 hrs
SOP 3742 Psychology of Women 3 hrs
ASL 3444 Introduction to Signed English and Culture of the Deaf 3 hrs
SYD 3700 Race and Ethnicity 3 hrs
EDF 2085 Introduction to Diversity for Educators 3 hrs
HSC 3593 HIV Disease: A Human Concern 3 hrs

5. Restricted Electives (6 hrs)
- Select six hours in consultation with faculty advisor.

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Graduation
- Cultural Diversity Requirement

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors in Major
- Complete a three-credit directed reading course/or a three-credit COHPA Interdisciplinary Honor Course.
- Complete a three-credit thesis course.
- Earn a 3.5 GPA in your Social Work major.
- Earn a cumulative 3.2 GPA in your total UCF courses.
- Complete 60 hours of college credit, including 12 upper division hours at UCF.

Related Programs
- Criminal Justice
- Psychology
- Sociology
- Public Administration

Certificates
- Aging Studies
- Children’s Services

Related Minors
- Health Services Administration
- Aging Studies
- Psychology
- Sociology
- Nonprofit Management/National Certification in Nonprofit Management

Advising Notes
- None

Transfer Notes
- None
Acceptable Substitutes for Transfer Courses
- POS 2041: may use POS X042 or PUP X099
- BSC 2005: may use BSC X085, BSC X010, or PCB X099
- PSY 2012: may use PSY X020
- SYG 2000: may use SYG X010

Plan of Study

Freshman Year - Fall 14 hrs
- ENC 1101  Composition I 3 hrs
- BSC 1005  Biological Principles 3 hrs
- MGF 1106  Finite Mathematics 3 hrs
- PAF 2102  Public Affairs Careers 2 hrs
- Select 1: SYG 2000  Introduction to Sociology or 3 hrs
- PSY 2012  General Psychology 3 hrs

Freshman Year - Spring 15 hrs
- ENC 1102  Composition II 3 hrs
- STA 2014C  Principles of Statistics 3 hrs
- POS 2041  American National Government 3 hrs
- Select 1: PSY 2012  General Psychology or 3 hrs
- SYG 2000  Introduction to Sociology 3 hrs

Select 1:
- MUL 210  Enjoyment of Music or 3 hrs
- THE 2000  Theatre Survey or 3 hrs
- REL 2300  World Religions or 3 hrs
- PHI 2100  Introduction to Philosophy 3 hrs

Sophomore Year - Fall 15 hrs
- SPC 1608  Fundamentals of Oral Communication 3 hrs
- SOW 2020  Careers in Creating Social Change 3 hrs
- Select 1:
  - ECO 213  Principles of Macroeconomics or 3 hrs
  - ECO 223  Principles of Microeconomics 3 hrs

Select 1:
- EUH 2000  Western Civilization I or 3 hrs
- WOH 2012  World Civilization I or 3 hrs
- HUM 2210  Humanistic Tradition I or 3 hrs
- AMH 2010  U.S. History: 1492-1877 or 3 hrs
- Foreign Language I or Cultural Diversity 3 hrs

Sophomore Year - Spring 15 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Select 1:
- CHM 1020  Concepts in Chemistry or 3 hrs
- PSC 1121  Physical Science or 3 hrs
- AST 2002  Astronomy 3 hrs

Select 1:
- EUH 2001  Western Civilization II or 3 hrs
- HUM 2230  Humanistic Tradition II or 3 hrs
- AMH 2020  U.S. History: 1877-Present or 3 hrs
- Foreign Language II or Cultural Diversity 3 hrs

Sophomore Year - Summer 6 hrs
- Select 1:
  - SOW 3104  Assessing I: Human Development or 3 hrs
  - SOW 3300  Practice I: Generalist Practice in Social Work or 3 hrs
  - SOW 3620  Culturally Competent Social Work Practice 3 hrs
  - SOW Elective 3 hrs

Junior Year - Fall 15 hrs
- SOW 3284  Social Work Perspectives on Social Justice 3 hrs
- SOW 3104  Assessing I: Human Development 3 hrs
- SOW 3300  Practice I: Generalist Practice in Social Work
- Restricted Elective 3 hrs
- Free Elective 3 hrs

Junior Year - Spring 15 hrs
- SOW 3111  Assessing II: Human Systems 3 hrs
- SOW 3352  Practice II: Interpersonal Skills in Social Work: 3 hrs

Junior Year - Summer 9 hrs
- SOW 3401  Social Work Research 3 hrs
- SOW 3620  Culturally Competent Social Work Practice 3 hrs
- SOW 4343  Macro-Level Roles and Interventions in Social Work 3 hrs

Senior Year - Fall 18 hrs
- SOW 4232  Social Welfare Policies and Issues 3 hrs
- SOW 4341  Micro-Level Roles and Interventions in Social Work 3 hrs
- SOW 4343  Macro-Level Roles and Interventions in Social Work 3 hrs
- SOW 4730  Documentation in Social Work Practice 3 hrs
- Free Elective 3 hrs

Select 1:
- SOW 4510  Field Education 9 hrs
- SOW 4941  Internship 5 hrs
- SOW 4522  Field Education Seminar 3 hrs
- Free Elective 3 hrs

Senior Year - Summer 12 hrs
- SOW 4941  Internship 4 hrs

Select 1:
- SOW 4941  Internship 4 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Sociology (B.A.)

College of Sciences
Department of Sociology
http://sociology.ucf.edu/
Email: sociology@ucf.edu
Dr. J. Jasinski, Jana.Jasinski@ucf.edu
Phone: 407-823-3744

The Sociology curriculum emphasizes critical examination of various components of society. The purpose of the curriculum is to increase students’ social awareness and their abilities to employ a sociological perspective to interpret social institutions and behavior. Sociology includes the study of interpersonal interactions, groups, organizations, and societies through the application of theoretical approaches and the use of qualitative and quantitative methods. Students will be better prepared for careers in any field by being trained in critical thinking and analytical skills, and by being familiar with theoretical and methodological tools for the study of peoples, groups, and organizations. To this end, we provide state-of-the-art training in an array of courses. Sociology majors master skills in quantitative and qualitative research methods, communication, and analytical thinking as well as acquiring written and oral presentational skills. These are among the top 10 abilities for which today’s employers are looking and are also essential for success in graduate and professional programs. Sociology courses are directly relevant to many contemporary issues, including murder and violent crime, domestic violence, global warming, alcohol and drug abuse, popular culture, and changes in the family. The department offers groups of courses in several areas, including social institutions, the environment, crime and deviance, popular culture, family, and diversity and social inequalities. As such, the B.A. in Sociology provides excellent grounding for a wide range of careers such as teaching, public administration, metropolitan planning, behavioral analysis, legal/court case assessment, law enforcement, marketing research, advertising, public relations, human resources, child welfare officer, victim advocate, convention/events organizer, environmental/social activist, social assistance specialist, and research analyst.
Degree Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement: at least 30 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Sociology Department.
- Students must maintain a UCF GPA of at least 2.0 in all courses used for the major.
- Students must have a "C" (2.0) or higher in all core courses.
- Co-op credit cannot be used in this major.
- Directed independent studies, directed independent research, and internships must be approved by the Sociology department prior to enrollment.
- No more than 12 hours of directed independent study, directed independent research, and internship (course numbers 3905, 4906, 5907, 3940, 4941) credit may be used for the major.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Students should consult annually with a departmental advisor.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   - A: Communication Foundations (9 hrs)
   - B: Cultural & Historical Foundations (9 hrs)
   - C: Mathematical Foundations (6 hrs)
   - Math: 3 hrs
     - A satisfactory score in the Math Placement Test is required before enrolling in this course.
     - Prefer MAC 1105C College Algebra 3 hrs
   - Statistics: 3 hrs
     - Prefer STA 2014C Principles of Statistics 3 hrs
   - D: Social Foundations (6 hrs)
   - Political Science/Economics 3 hrs
     - Select one listed course 3 hrs
   - Social Sciences 3 hrs
     - Required SYG 2000 Introduction to Sociology 3 hrs
   - E: Science Foundations (6 hrs)
     - See "Common Prerequisites" in the Transfer and Transitions Services section for more information, including possible substitutions.
     - SYG 2000 Introduction to Sociology 3 hrs
     - SYA 3110 Social Theory 3 hrs

3. Core Requirements: Basic Level

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.
- SYG 2000 Introduction to Sociology 3 hrs
- SYA 3110 Social Theory 3 hrs

4. Core Requirements: Advanced Level (12 hrs)
   - SYA 4300C Research Methods 4 hrs
   - SYA 4450 Data Analysis 4 hrs
   - SYA 3400C Applied Social Statistics 4 hrs

5. Restricted Electives (27 hrs)
   - Select from the following courses:
     - All special topics courses with the prefixes SYA, SYD, SYO, or SYP count toward the restricted electives requirement.
     - SYA 4650C Community Action and Involvement 3 hrs
     - SYA 5652 ProSeminar 3 hrs
     - SYA 5652 Advanced Population 3 hrs
     - SYD 3410 Urban Society 3 hrs
     - SYD 3700 Race and Ethnicity 3 hrs
     - SYD 4810 Women in Contemporary Society 3 hrs
     - SYD 4813 Women, Law and Social Change 3 hrs
     - SYG 2101 Social Problems 3 hrs
     - SYO 3000 Contemporary Society 3 hrs
     - SYO 3360 Social Organization and Human Relations 3 hrs
     - SYO 3410 Patterns of Mental Health in Society 3 hrs
     - SYO 3530 Social Power and Inequality 3 hrs
     - SYO 4100 Family Trends 3 hrs
     - SYO 4200 Religion in Society 3 hrs
     - SYO 4250 Education and Social Achievement 3 hrs
     - SYO 4300 Political Sociology 3 hrs
     - SYO 4400 Medical Sociology 3 hrs
     - SYO 3300 Fads, Crowds, and Social Action 3 hrs
     - SYO 3400 Social Change 3 hrs
     - SYO 3510 Sociology of Deviant Behavior 3 hrs
     - SYO 3511 Sociology of Murder 3 hrs
     - SYO 3520 Criminology 3 hrs
     - SYO 3530 Juvenile Delinquency 3 hrs
     - SYO 3540 Sociology of Law 3 hrs
     - SYO 3551 Patterns of Alcoholism in Society 3 hrs
     - SYO 3562 Patterns of Domestic Violence in Society 3 hrs
     - SYO 3562 Patterns of Popular Music in Society 3 hrs
     - SYO 3630 Popular Culture In Society 3 hrs
     - SYO 3650 Sports and Society 3 hrs
     - SYO 4000 Sociological Social Psychology 3 hrs
     - SYO 4040 Constructing Social Issues 3 hrs
     - SYO 4514 Patterns of Violence in Society 3 hrs
     - SYO 4521 Crime Victims in Society 3 hrs
     - SYO 4536 Gangs and Society 3 hrs
     - SYO 4550 Patterns of Drug Abuse in Society 3 hrs
     - SYO 4730 Patterns of Aging in Society 3 hrs
     - SYO 4732 Minority Aging 3 hrs
     - SYO 5525 Sociological Criminology 3 hrs
     - SYD 3800 Sex and Gender in Society 3 hrs
     - SYD 4020 Birth, Death, and Population Trends 3 hrs

Internship:

- Eligible students may enroll for 3 to 6 semester hours of Internship in the following courses. Arrangements for internships are coordinated by the Department Internship Supervisor and require prior approval.
- SYP 3940 Internship or 3 hrs
- SYP 4941 Internship or 3 hrs
- SYP 5944 Internship 3 hrs
- All special topics courses with the prefixes SYA, SYD, SYO, or SYP 3 hrs

6. Capstone Requirements

- None

7. Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to one year of college instruction in either a foreign language, or two semesters equivalent of American Sign Language. Standardized examinations may be used to meet the requirement.

8. Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements

- None

10. Required Minors

- None

11. Departmental Exit Requirements

- A minimum GPA of 2.0 in all courses used for the major.
- A minimum grade of “C” (2.0) in all core courses.
- Students will be required to take a standard exit exam in their graduating semester.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors in Major
- None

Related Programs
- Anthropology
- Criminal Justice

Certificates
- None

Related Minors
- Anthropology
- Anthropology in Multicultural Studies
- Asian Studies
- Judaic Studies
- Latin American Area Studies
- Psychology
- Sociology
- Women’s Studies

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information (e.g., syllabus, course catalog description).

Acceptable Substitutes for Transfer Courses
- SYG 2000; although the CPP accepts any lower division sociology course, this course is a prerequisite for subsequent sociology courses and still must be taken.
- SYA 3110: although the CPP accepts any SYA, SYD, SYG, SYO, or SYP course, this course is required in the program and must be taken.

Plan of Study
- This is one of numerous possible plans of study. See program description for all requirements.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Math, take Math Placement Test ~ http://utcf.sdes.ucf.edu

Freshman Year - Fall
- SYG 2000 Introduction to Sociology 3 hrs
- ENC 1101 Composition I 3 hrs
- Foreign Language 4 hrs
- GEP 3 hrs
- GEP-Math 3 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- STA 2014C Principles of Statistics 3 hrs
- Foreign Language 4 hrs
- Free Elective 3 hrs
- GEP 3 hrs

Sophomore Year - Fall
- GEP 3 hrs
- GEP 3 hrs
- Restricted Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Sophomore Year - Spring
- GEP 3 hrs
- GEP 3 hrs
- Restricted Elective 4 hrs
- Restricted Elective 3 hrs
- Free Elective 3 hrs

Junior Year - Fall
- SYA 4300C Research Methods 4 hrs
- SYA 3400C Applied Social Statistics 4 hrs
- Restricted Elective 3 hrs
- GEP 3 hrs

Junior Year - Spring
- SYA 3110 Social Theory 3 hrs
- SYA 4450 Data Analysis 4 hrs
- Free Elective 3 hrs
- Free Elective 4 hrs

Senior Year - Fall
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Senior Year - Spring
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 2 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $7.50 per term
- Full-Time Student: $15 per term

Spanish (B.A.)

College of Arts and Humanities
Department of Modern Languages and Literatures,
Colbourn Hall, Room: 523
http://mll.cah.ucf.edu/
Email: ffifacult@ucf.edu
Phone: 407-823-2472

Placement in language courses is based on one year of high school language being equivalent to one semester of college work. For example, four years of high school Spanish place the student in the first semester of the third year. Native Spanish speakers, near-native Spanish speakers, or students who have received advanced education abroad must substitute select classes.

Admission Requirements
- None

Degree Requirements
- 36 credits in Spanish must be taken at the 3000 level or above.
- At least 6 of the 36 Spanish credits must be at the 4000 level.
- At least 30 credit hours must be taken in Modern Language courses taught in Spanish.
- Students must earn at least a “C” (2.0) in each upper division Spanish course.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Modern Languages and Literatures.
- Language credit by exam will not be given in courses lower in level than those in which students are presently enrolled. Native speakers will be allowed Credit by Examination in literature courses only.
- Co-op or internship credit cannot be used in this major.
- Students must see their departmental advisor to obtain proper counseling and have their schedule approved before registering for courses in their major.

- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   Math
   Suggested MGF 1106 Finite Mathematics or
   Suggested MGF 1107 Explorations in Mathematics

2. Common Program Prerequisites (CPP)
   See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   
   1 SPN 1120C Elementary Spanish Language and Civilization I
   1 SPN 1121C Elementary Spanish Language and Civilization II
   1 SPN 2200 Intermediate Spanish Language and Civilization I

3. Core Requirements: Basic Level
   SPN 3234 Advanced Directed Readings

4. Core Requirements: Advanced Level (15 hrs)
   1 SPN 3300 Advanced Spanish Grammar and Composition
   1 SPN 3420 Spanish Composition
   1 SPN 3760 Advanced Spanish Oral Communication

Select one of the following sequences of courses:
   SPW 3100 Survey of Spanish Literature I and II
   or
   SPW 3130 Survey of Latin-American Literature I and II
   or
   SPW 3101 Survey of Spanish Literature I
   or
   SPW 3131 Survey of Latin-American Literature I

5. Restricted Electives (21 hrs)
   Select one of the following
   SPN 4801 Spanish Morphosyntax
   SPN 4800 Spanish-American Syntax
   SPN 4760 Spanish Phonetics
   SPN 3852 Bilinguismo

6. Capstone Courses (9 hrs)
   Spanish courses

7. Foreign Language Requirements
   Admissions
   Met by Graduation requirements.
   Graduation
   Met by Common Program Prerequisites.

8. Electives
   Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
   None

10. Related Minors
    None

11. Departmental Exit Requirements
    Earn a grade of “C” (2.0) or higher in at least 36 credit hours of upper division Spanish courses.
    Students are required to satisfactorily complete a departmental exit exam. The exam is offered each September and February; students should discuss the optimal test date with their advisor.
    Computer Competency met by the following or equivalent:
    CGS 1060C Introduction to Computers

12. University Minimum Exit Requirements
    A 2.0 UCF GPA
    60 semester hours earned after CLEP awarded
    48 semester hours of upper division credit completed
    30 of the last 39 hours of course work must be completed in residency at UCF.
    A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   120

Honors In Major
   None

Related Programs
   French
   Certificates
   None

Related Minors
   French
   Italian
   Judaic Studies
   Latin American Area Studies
   Spanish

Advising Notes
   None

Transfer Notes
   Lower division courses do not substitute for upper division courses.
   Courses transferred from private and out-of-state schools must be evaluated by the department chair for equivalency credit. The student must provide all supporting information.
   Native speakers, or students who have received advanced education in Spanish-speaking societies, may not take lower division Spanish courses. They must substitute Third-year level composition and conversation courses.

Acceptable Substitutes for Transfer Courses
   None

Plan of Study
   One of numerous possible plans of study. See program description for all requirements. Courses with an asterisk (*) may be replaced by alternates in the same requirement.
   Consult a departmental advisor for alternate, new, or more appropriate selections.

Freshman Year - Fall 16 hrs
   ANT 2000 General Anthropology
   ENC 1101 Composition I
   MGF 1106 Finite Mathematics
   SPN 1120C Elementary Spanish Language and Civilization I

Elective / Minor 3 hrs

Freshman Year - Spring 14 hrs
   ENC 1102 Composition II
   STA 1063C Basic Statistics Using Microsoft Excel
   SPN 1121C Elementary Spanish Language and Civilization II

Elective / Minor 4 hrs

Sophomore Year - Fall 15 hrs
   AMH 2010 U.S. History: 1492-1877
   ARH 2050 History of Western Art I
   POS 2041 American National Government
UCF Degree Programs

Sport and Exercise Science (B.S.)
College of Education and Human Performance
Department of Educational and Human Sciences,
Education Building, Room: 209
http://education.ucf.edu/sportsexscience
Jeffrey Stout, sesadvising@ucf.edu, 407-823-0623

The Sport and Exercise Science B.S. program offers students the option of three tracks, Coaching and Human Performance, offered at the Orlando campus, and Community Sport and Fitness, offered at the South Lake campus. The Coaching track is appropriate for students interested in coaching at all levels of competition, in a variety of sports, including strength and conditioning. Students are provided with a combination of course content as well as practical field and laboratory experiences. The Human Performance track is appropriate for students interested in pursuing careers in sport science, health promotion, medicine, wellness, sports medicine, and allied health (i.e., physical therapy, occupational therapy, and cardiac rehabilitation). The Community Sport and Fitness track is appropriate for students seeking positions with university athletic programs, community sports organizations, private and public fitness and recreation programs, and multipurpose facilities.

Admission Requirements
■ Complete the University General Education Requirements or its equivalent, i.e., an AA degree from a Florida College System or State University System institution.
■ Have a minimum 2.5 overall GPA.
■ Complete program prerequisite courses prior to admission to the major and upper level courses.

Degree Requirements
■ Students should consult with an advisor on a regular basis.
■ Students who change degree programs and select this major must adopt the most current catalog.
■ Students should see an advisor prior to selecting this major, and at least every semester thereafter.
■ Students must earn at least a “C” (2.0) in each required course and maintain an overall GPA of at least a 2.5.
■ Students must meet with their advisor prior to enrollment in Sport and Exercise Science Practicum to complete the departmental application and approval process.

1. UCF General Education Program (GEP) (37 hrs)
   A: Communication Foundations (9 hrs)
   Required ENC 1101 Composition I 3 hrs
   Required ENC 1102 Composition II 3 hrs
   Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   Prefer AMH 2010 U.S. History: 1492-1877 3 hrs
   Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
   Elective from GEP section B.2 3 hrs

   C: Mathematical Foundations (6 hrs)
   Prefer MGF 1106 Finite Mathematics 3 hrs
   Prefer STA 1063C Basic Statistics Using Microsoft Excel or
   Prefer STA 2014C Principles of Statistics 3 hrs

   D: Social Foundations (6 hrs)
   Prefer POS 2041 American National Government 3 hrs
   Prefer PSY 2012 General Psychology 3 hrs

   E: Science Foundations (7 hrs)
   Required BSC 2010C Biology I 4 hrs
   Prefer BSC 2106C Biology II 3 hrs
   Prefer BSC 2105C Physics I 3 hrs
   Prefer ZOO 3736C Exercise Physiology Anatomy 4 hrs
   PET 3005 Introduction to Sport and Exercise Science 3 hrs
   PET 3097 Health and Wellness 3 hrs
   PET 3361 Nutrition and Metabolism in Sport and Exercise Science 3 hrs
   PET 4312C Kinesiology/Biomechanics 3 hrs
   APK 4110C Exercise Physiology 3 hrs
   PET 4550C Assessment and Evaluation in Exercise Science 3 hrs

2. Common Program Prerequisites (CPP)
■ See Transfer Notes for possible substitutes for the following course:
BSC 2010C Biology I 3 hrs

3. Core Requirements: Basic Level (22 hrs)
Core Requirements for Sport and Exercise Science

   4. Core Requirements: Advanced Level (24 hrs)
   ■ Select one of the following tracks

   A. Track 1 - Coaching (24 hrs)
   ATR 4132 Human Injuries: Mechanisms & Prevention 3 hrs
   PET 3765 Coaching Theory 3 hrs
   PET 3771 Strength and Conditioning Concepts 3 hrs
   PET 4050C Motor Development and Learning 3 hrs
   PET 4215 Motivational Aspects of Athletic Performance 3 hrs
   PET 4763 Coaching Methods And Principles 3 hrs
   SPM 3204 Sports and Ethics 3 hrs
   SPM 4723 Legal Issues in Sport and Exercise Science 3 hrs
   Select 1: Coaching sport specific courses will be selected under electives (PEO course prefix) 3 hrs

   B. Track 2 - Human Performance (24 hrs)
   ATR 4132 Human Injuries: Mechanisms & Prevention 3 hrs
   PET 3771 Strength and Conditioning Concepts 3 hrs
   PET 4050C Motor Development and Learning 3 hrs
   PET 4215 Motivational Aspects of Athletic Performance 3 hrs
11. Departmental Exit Requirements
■ A minimum overall GPA of 2.5.

12. University Minimum Exit Requirements
■ A 2.0 UCF GPA
■ 60 semester hours earned after CLEP awarded
■ 48 semester hours of upper division credit completed
■ 30 of the last 39 hours of course work must be completed in residency at UCF.
■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
■ 120

Honors In Major
■ None

Related Programs
■ None

Certificates
■ None

Related Minors
■ Coaching
■ Fitness Training

Advising Notes
■ Students must meet with their advisor before enrolling each term.

Transfer Notes
■ Courses transferred from private and out-of-state institutions must be evaluated for equivalency credit. The student must provide all documentation.

Acceptable Substitutes for Transfer Courses
■ The following substitutions are acceptable if taken at a Florida College System institution:
  ■ BSC 1010C (4 credit hours with lab) will satisfy the BSC2010C Biology I requirement.
  ■ BSC 2085C OR BSC 2093C (4 credit hours with lab) will satisfy the ZOO 3736C Exercise Physiology Anatomy requirement.

Plan of Study
■ The Coaching, Human Performance and Community Sport and Fitness Tracks follow the same Plan of Study for the Freshman and Sophomore Semesters.

Freshman Year - Fall 12 hrs
■ ENC 1101 Composition I 3 hrs
■ PSC 1121 Physical Science 3 hrs
■ PSY 2012 General Psychology 3 hrs
■ GEP section B.2 3 hrs
Freshman Year - Spring 16 hrs
■ BSC 2010C Biology I 4 hrs
■ ENC 1102 Composition II 3 hrs
■ MGF 1106 Finite Mathematics 3 hrs
■ POS 2041 American National Government 3 hrs
■ SPC 1608 Fundamentals of Oral Communication 3 hrs
Sophomore Year - Fall 15 hrs
■ AMH 2010 U.S. History: 1492-1877 3 hrs
■ PET 3005 Introduction to Sport and Exercise Science 3 hrs
■ Elective Courses (2000 level or higher) 6 hrs
Select 1: 3 hrs
■ CGS 1060C Introduction to Computers or 3 hrs
■ STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
■ STA 2014C Principles of Statistics 3 hrs
Sophomore Year - Spring 13 hrs
■ PET 3097 Health and Wellness 3 hrs
■ AMH 2020 U.S. History: 1877-Present 3 hrs
■ Elective Course (2000 level or higher) 3 hrs
■ ZOO 3736C Exercise Physiology Anatomy 4 hrs

Human Performance Track
Junior Year - Fall 15 hrs
■ PET 4312C Kinesiology/Biomechanics 3 hrs
■ PET 4550C Assessment and Evaluation in Exercise Science 3 hrs
■ APK 4110C Exercise Physiology 3 hrs
## Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm](http://www.oecs.ucf.edu/alc/academic_learning_compacts.htm)

## Statistics (B.S.)

### College of Sciences

**Department of Statistics,**  
Computer Center II, Room: 212  
**Email:** statistics@ucf.edu  
Dr. David Nickerson, 407-823-5528  
Phone: 407-823-2289

### Admission Requirements

- None
- **Degree Requirements**
  - Students who change degree programs and select this major must adopt the most current catalog.
  - Departmental Residency Requirement: at least 15 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Statistics Department.
  - Students must earn at least a “C” (2.0) in each course with a STA prefix.
  - A minimum 2.0 average is required in all computer science and mathematics courses that count toward a statistics major.
  - Co-op or internship credit cannot be used in this major.
  - Students should consult with a departmental advisor.
  - All prerequisites of courses taught within the College of Sciences will be enforced.
  - Courses designated in 1 (General Education Program) are generally spread over 4 years, and those designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
  - All statistics courses except the following, and those protected by Florida Common Course Numbering must be taken from, or approved by the Statistics Department at UCF.

### UCF Degree Programs

#### Degree Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4215 Motivational Aspects of Athletic Performance</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Spring</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 3361 Nutrition and Metabolism in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3125 Fitness and Weight Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3771 Strength and Conditioning Concepts</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4050C Motor Development and Learning</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Summer</strong></td>
<td>7 hrs</td>
</tr>
<tr>
<td>Elective Courses (2000 level or higher)</td>
<td>7 hrs</td>
</tr>
<tr>
<td><strong>Senior Year - Fall</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ATR 4132 Human Injuries: Mechanisms &amp; Prevention</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4088 Physical Activity &amp; Preventive Medicine</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4552 Exercise Prescription for Special Populations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4143 Current Issues &amp; Trends in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Senior Year - Spring</strong></td>
<td>12 hrs</td>
</tr>
<tr>
<td>PET 4901 Capstone in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Select 1:</td>
<td>9 hrs</td>
</tr>
<tr>
<td>PET 4926 Sport and Exercise Science Practicum or Take 3 additional electives in the program approved by advisor</td>
<td>9 hrs</td>
</tr>
<tr>
<td><strong>Coaching Track</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>Junior Year - Fall</td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 4312C Kinesiology/Biomechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>APK 410C Exercise Physiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3361 Nutrition and Metabolism in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3765 Coaching Theory</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Spring</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 4050C Motor Development and Learning</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4550C Assessment and Evaluation in Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4763 Coaching Methods And Principles</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPM 3204 Sports and Ethics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Summer</strong></td>
<td>7 hrs</td>
</tr>
<tr>
<td>Elective Courses (2000 level or higher)</td>
<td>7 hrs</td>
</tr>
<tr>
<td><strong>Senior Year - Fall</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 3771 Strength and Conditioning Concepts</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ATR 4132 Human Injuries: Mechanisms &amp; Prevention</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4215 Motivational Aspects of Athletic Performance</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPM 4723 Legal Issues in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Senior Year - Spring</strong></td>
<td>12 hrs</td>
</tr>
<tr>
<td>PET 4901 Capstone in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Select 1:</td>
<td>9 hrs</td>
</tr>
<tr>
<td>PET 4926 Sport and Exercise Science Practicum or Take 3 additional electives in the program approved by advisor</td>
<td>9 hrs</td>
</tr>
<tr>
<td><strong>Community Sport and Fitness Track</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>Junior Year - Fall</td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 4312C Kinesiology/Biomechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>APK 410C Exercise Physiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3361 Nutrition and Metabolism in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3820 Teaching Sports Skills I</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Spring</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 4002 Outdoor and Leisure Activities</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4550C Assessment and Evaluation in Exercise Science</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
## UCF Degree Programs

### C: Mathematical Foundations

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### D: Social Foundations

#### Economics
- ECO 2013 Principles of Macroeconomics (3 hrs)

#### Social Sciences: Select one.
- Required courses: ANT 2000 General Anthropology (3 hrs) or PSY 2012 General Psychology (3 hrs) or SYG 2000 Introduction to Sociology (3 hrs)

### E: Science Foundations

#### Life Science
- BSC 2010C Biology I (4 hrs)

#### Physical Science
- CHM 2045C Chemistry Fundamentals I or CHM 2046 Chemistry Fundamentals II (4 hrs)
- PHY 2053C College Physics I (4 hrs)

### 2. Common Program Prerequisites (CPP) (11 hrs)

- Required: PHY 2048C Physics for Engineers & Scientists I or MAC 2311C Calculus with Analytic Geometry I (GEP/CPP) and CHM 2045C Chemistry Fundamentals I or CHM 2046 Chemistry Fundamentals II (GEP/CPP)

### 3. Core Requirements: Basic Level

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken:
- **Core: Required, satisfies the CPP**
  - COP 3223 Introduction to Programming with C and COP 4500 Numerical Calculus (CPP/CPP)
  - MAC 2311C Calculus with Analytic Geometry I and MAC 2312 Calculus with Analytic Geometry II (GEP/CPP)
  - MAC 2313 Calculus with Analytic Geometry III and STA 2023 Statistical Methods I (GEP/CPP)

- and two semesters equivalent within the following:
  - These satisfy the requirement for two semesters equivalent of science courses with labs designed for majors.
  - CHM 2045C Chemistry Fundamentals I or PHY 2053C College Physics I (GEP/CPP)

- or an alternate sequence,
  - CHM 2040 Chemistry Fundamentals IA and CHM 2041 Chemistry Fundamentals IB (GEP/CPP)

- or complete both
  - CHM 2046 Chemistry Fundamentals II and CHM 2046L Chemistry Fundamentals Laboratory (CPP)

### 4. Core Requirements: Advanced Level (40 hrs)

- STA 4102 Computer Processing of Statistical Data (3 hrs)
- STA 4163 Statistical Methods II (3 hrs)
- STA 4164 Statistical Methods III (3 hrs)
- STA 4321 Statistical Theory I (3 hrs)
- STA 4322 Statistical Theory II (3 hrs)
- ENC 3241 Writing for the Technical Professional (3 hrs)
- COT 4500 Numerical Calculus (3 hrs)

### Select from the following courses:

- MAS 3105 Matrix and Linear Algebra or MAS 3106 Linear Algebra (4 hrs)

### 5. Restricted Electives (9 hrs)

- Select from upper division or graduate (5000 level), statistics, mathematics, or computer science courses.
- Selected courses in engineering or business may be used but must first be approved by the Statistics Department.

### 6. Capstone Requirements

- None

### 7. Foreign Language Requirements

#### Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

#### Graduation
- None

### 8. Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.
- The following courses from business may be used without prior approval by the Statistics Department.
- ACG 2021 Principles of Financial Accounting (3 hrs)
- ACG 2071 Principles of Managerial Accounting (3 hrs)
- ECO 2023 Principles of Microeconomics (3 hrs)
- FIN 3403C Business Finance (3 hrs)

### 9. Additional Requirements

- None

### 10. Required Minors

- None

### 11. Departmental Exit Requirements

- Earn a grade of “C” (2.0) or better in each STA course.
- Take SOA Exam P (Probability) and report the score to the department.
12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

120 Hours

Honors In Major
- None

Related Programs
- Mathematics - Applied Track
- Mathematics Education

Certificates
- None

Related Minors
- Statistics
- Mathematics

Advising Notes
- It is the student's responsibility to ensure they have satisfied course prerequisites before registering for a class.

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- The following substitutions are acceptable for Common Program Prerequisites if taken as part of the AA course work.
- Computer Science: any COP programming language course will satisfy the CPP. However, the listed course is a prerequisite for Computer Sciences courses and still may need to be taken.
- Biology: any 2 laboratory courses for majors with BSC, CHM, or PHY prefixes will satisfy the CPP. However, the listed biology courses are also a core requirement and will need to be taken.
- Statistics: although any STA 2XXX course will satisfy the CPP, the listed course is required in the program's core and will still need to be taken.

Plan of Study (120 hrs)
- This is one of numerous possible plans of study.
- See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~ http://knightsource.sdes.ucf.edu/placement
- Prior to enrolling in Math, take Math Placement Test ~ http://uitc.sdes.ucf.edu
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- STA 2023 Statistical Methods I 3 hrs
- ENC 1101 Composition I 3 hrs
- GEP 3 hrs

Freshman Year - Spring
- MAC 2312C Calculus with Analytic Geometry II 4 hrs
- BSC 2010C Biology I 4 hrs
- ENC 1102 Composition II 3 hrs

Select one course:
- CHM 2045C Chemistry Fundamentals I or 4 hrs
- PHY 2053C College Physics I 4 hrs

Sophomore Year - Fall
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- STA 4163 Statistical Methods II 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- GEP 3 hrs

Sophomore Year - Spring
- STA 4164 Statistical Methods III 3 hrs
- COP 3223 Introduction to Programming with C 3 hrs
- Core Course 3 hrs
- Core Course 4 hrs

Junior Year - Fall
- STA 4321 Statistical Theory I 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Core Course 3 hrs
- Core Course 3 hrs

Junior Year - Spring
- STA 4322 Statistical Theory II 3 hrs
- Core Course 3 hrs
- Free Elective 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs

Senior Year - Fall
- STA 4102 Computer Processing of Statistical Data 3 hrs
- COT 4500 Numerical Calculus 3 hrs
- ENC 3241 Writing for the Technical Professional 3 hrs
- Core Course 3 hrs
- Elective / Minor Take SOA EXAM P (Probability).

Senior Year - Spring
- GEP 3 hrs
- GEP 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs
- Elective / Minor 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oelas.ucf.edu/alc/academic_learning_compacts.htm

Technical Education and Industry Training (B.S.)
College of Education and Human Performance
Department of Educational and Human Sciences,
Education Complex, Room: ED 123 N
http://education.ucf.edu/teched/
Dr. Jo Ann M. Whiteman, ED 123 N, JoAnn.Whiteman@ucf.edu, 407-325-6293

This program offers upper division courses via the World Wide Web. Students must complete all University-wide graduation requirements (general education, foreign language, Gordon Rule, etc.), some of which are not available via distributed learning. For more information, see http://distrib.ucf.edu/home.

Admission Requirements
- Complete the University General Education requirements or its equivalent, (i.e. an AA degree from an approved Florida College System or State University institution).
- Have a minimum 2.5 overall GPA
- Complete prerequisite courses
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement

Degree Requirements
- Students should consult with an Education advisor prior to registration.
- This degree is for students in adult Technical Education and Industry Training. Some students are full-time or part-time teachers in the public school sector, including
middle schools, high schools, adult technical centers and community and state colleges. Some serve as technical education teachers with the Department of Corrections. Other program participants are retired military personnel who were technicians or trainers and now wish to become teachers or industry-specific trainers. All students have set a common goal of attaining a bachelor’s degree in an area that draws upon their experiences, interests, and expertise. This degree does not lead to initial teacher certification at the state level.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   Required ENC 1101 Composition I 3 hrs
   Required ENC 1102 Composition II 3 hrs
   Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   D: Social Foundations (6 hrs)
   E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (9 hrs)
   EDF 2005 Introduction to the Teaching Profession 3 hrs
   EDF 2085 Introduction to Diversity for Educators 3 hrs
   EME 2040 Introduction to Technology for Educators 3 hrs

3. Core Requirements: Basic Level
   ■ None

4. Core Requirements: Advanced Level (57 hrs)
   ADE 4362 Teaching Adult Learners in Technical Programs 3 hrs
   ECT 3062 Professional Roles of the Career & Technical Teacher 3 hrs
   ECT 3365 General Methods/Testing Evaluation in Career & Technical Education 3 hrs
   ECT 3367 Evaluation of Career & Technical Education Instruction 3 hrs
   ECW 3564 Special Populations in Career & Technical Education 3 hrs
   ECT 4004 Principles and Practices of Technical Education 3 hrs
   ECT 4184 Curriculum Development Techniques for Industry Training 3 hrs
   ECT 4384 Advanced Teaching Techniques for Career Education 3 hrs
   Select 1: 3 hrs
   BTE 4410 Course Construction in Business Education 3 hrs
   or ECW 3312 Course Construction in Health Occupations Education 3 hrs
   or ECT 3371 Course Construction in Industrial Education 3 hrs
   Technical Specialization Requirements 30 hrs
   ■ Students must complete an area of specialization through occupation-specific courses approved by an advisor.

5. Restricted Electives (18 hrs)
   Upper Division Electives 6 hrs
   ■ With advisor’s approval

6. Capstone Requirements
   ■ None

7. Foreign Language Requirements Admissions
   ■ State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
■ None

8. Electives
■ None

9. Additional Requirements
■ None

10. Required Minors
■ None

11. Departmental Exit Requirements
■ Achieve a minimum 2.5 GPA in all courses within the major.

12. University Minimum Exit Requirements
■ A 2.0 UCF GPA
■ 60 semester hours earned after CLEP awarded
■ 48 semester hours of upper division credit completed
■ 30 of the last 39 hours of course work must be completed in residency at UCF.
■ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
■ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required 120

Honors In Major
■ None

Related Programs
■ None

Certificates
■ None

Related Minors
■ None

Advising Notes
■ None

Transfer Notes
■ None

Acceptable Substitutes for Transfer Courses
■ None

Plan of Study (120 hrs)

Freshman Year - Fall 15 hrs
ENC 1101 Composition I 3 hrs
MGF 1108 Finite Mathematics 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
Social Foundations Course 3 hrs
Cultural-Historical Foundations Course 3 hrs

Freshman Year - Spring 15 hrs
ENC 1102 Composition II 3 hrs

Select 1: 3 hrs
STA 1063C Basic Statistics Using Microsoft Excel or
STA 2014C Principles of Statistics 3 hrs
Cultural-Historical Foundations Course 3 hrs
Social Foundations Course 3 hrs

Sophomore Year - Fall 12 hrs
EDF 2005 Introduction to the Teaching Profession 3 hrs
EDF 2085 Introduction to Diversity for Educators 3 hrs
Technical Specialization Course 3 hrs
Science Foundations Course 3 hrs
Foreign Language Course (if needed) 4 hrs

Sophomore Year - Spring 12 hrs
EDF 2085 Introduction to Diversity for Educators 3 hrs
Technical Specialization Course 3 hrs
Technical Specialization Course 3 hrs
Science Foundations Course 3 hrs
Foreign Language Course (if needed) 4 hrs

Sophomore Year - Summer 6 hrs
ECW 3564 Special Populations in Career & Technical Education 3 hrs

Select 1: 3 hrs
ECW 3312 Course Construction in Health Occupations Education 3 hrs
ECT 3371 Course Construction in Industrial Education 3 hrs
Junior Year - Fall 15 hrs
ECT 3365  General Methods/Testing Evaluation in Career & Technical Education 3 hrs
Technical Specialization Courses 12 hrs

Junior Year - Spring 15 hrs
ECT 3062  Professional Roles of the Career & Technical Teacher 3 hrs
ECT 3367  Evaluation of Career & Technical Education Instruction 3 hrs
Technical Specialization Courses 9 hrs

Junior Year - Summer 6 hrs
ECT 4004  Principles and Practices of Technical Education 3 hrs
ECT 4184  Curriculum Development Techniques for Industry Training 3 hrs

Senior Year - Fall 12 hrs
ADE 4382  Teaching Adult Learners in Technical Programs 3 hrs
ECT 4384  Advanced Teaching Techniques for Career Education 3 hrs
Upper Division Electives 6 hrs

Senior Year - Spring 12 hrs
ECT 4941  Internship 12 hrs

Senior Year - Summer
See advisor for certification details.

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

The Bachelor of Fine Arts Degree is offered for students who, upon graduation, plan to pursue a specialized career in professional theatre. It provides the student with a very structured and intensive career preparation in Acting, Stage Management, or Design & Technology. The BFA is also an excellent degree for students who are interested in pursuing graduate studies in theatre. Work within the BFA program requires energy and dedication; therefore, other part-time study or outside employment is generally impossible. BFA standards are high, both for admission and for continuation in the program. Casting, crew, and design assignments are regulated to serve the artistic growth of students coordinating production experience with classroom exploration.

Admission Requirements
- Entrance into most theatre classes is restricted to majors. Exceptions must be approved by the Undergraduate Coordinator.
- The departmental faculty evaluates students desiring to become BFA majors via an interview and either audition or portfolio review as appropriate to the specialization. For complete information, visit the audition site online at http://www.theatre.ucf.edu.
- An Acting candidate must be interviewed and perform two monologues of contrasting styles limited to a combined time of 3 minutes. See http://www.theatre.ucf.edu for details and to schedule an appointment.
### UCF Degree Programs

Stagecraft I and II Labs. At least two participation credits must be in an advanced production position. The other two credits can be a combination of shop assignments, run crew, front of house, or department head. Stage Management majors can use performance assignments for participation assignments.

- All BFA acting majors are required to audition for all Fall and Spring productions and must accept the roles assigned.
- Due to the conservatory nature, the BFA demands a closely integrated four-year curriculum. Although the BFA program is not designed for transfer students, transfer students may audition and be admitted, but they should consult with the Theatre Department’s Undergraduate Coordinator to evaluate their transfer credits and to estimate the length of their program of study. We encourage any student wishing to transfer to complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- All BFA Theatre majors who participate in production work must be registered for the appropriate Theatre Participation course in the term in which they participate. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a “0” credit participation course to meet departmental registration requirements. Students may also use additional participation credits as electives.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count toward electives.
- Students must follow the most recent department student handbooks which are available on the department web site at [http://www.theatre.ucf.edu](http://www.theatre.ucf.edu).
- Courses designated 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Courses designated 1 (General Education Program) are taken throughout all four years.
- Design & Technology Students are required to take ARH 2051 as part of their GEP and are strongly encouraged to take ARH 2050 as an elective as early in their academic career as possible. Transfer students who have not completed ARH 2051 must complete the course at UCF.

#### 1. UCF General Education Program (GEP) (36 hrs)

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Communication Foundations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td></td>
<td>9 hrs</td>
</tr>
<tr>
<td>1 Required</td>
<td>THE 2020 Survey of Theatre for Majors</td>
<td>3 hrs</td>
</tr>
<tr>
<td>2 Required</td>
<td>ARH 2051 History of Western Art II</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. This course is only taught during the fall semesters.
2. Design & Technology Students select ARH 2051 (History of Western Art II)

#### C: Mathematical Foundations (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested MGF 1107 Explorations in Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MGF 1106 Finite Mathematics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

You may substitute a higher level math with appropriate scores on the Math Placement Test.

#### Statistics - Computers

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select a course from GEP C.2 list</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. Stage Management Students select PSY 2012 (General Psychology) 3 hrs

#### D: Social Foundations (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required PSY 2012 General Psychology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. Social Foundations courses listed for students pursuing a stage management specialization.

#### E: Science Foundations (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Common Program Prerequisites (CPP) (20 hrs)</td>
<td></td>
</tr>
</tbody>
</table>

1. Common Program Prerequisites (CPP) in the Transfer and Transitions Services section for more information.

1. THE 2020 Survey of Theatre for Majors 3 hrs

1. THE 2305 Script Analysis for Theatre 3 hrs
TPA 2000C Theatre Design Basics and Composition 3 hrs
TPP 4512C Stage Combat and Stage Combat 2 hrs
TPP 4940L Theatre Internship and Stage Combat 6 hrs

Restricted Electives (Any THE, TPA, TPP, DAA, or DAN course taught by the Department, except THE 3006, and not already applied toward a program requirement)

Select 1: 3 hrs
TPA 3060C Scenario Design for Theatre I or Stage Combat 3 hrs
TPA 3045C Costume Design for Theatre I or Stage Combat 3 hrs

Select 1: 3 hrs
TPA 3223C Lighting Design for Theatre I or Stage Combat 3 hrs
TPA 3265C Sound Design for Theatre I or Stage Combat 3 hrs

Design & Technology Specialization 52 hrs
ARH 2051 History of Western Art II and Stage Combat 3 hrs
TPA 2210L Stagecraft II Lab and Stage Combat 1 hr
TPA 2211L Stagecraft II Lab and Stage Combat 1 hr
TPA 2220C Stage Electronics and Stage Combat 3 hrs
TPA 4208L Theatre Participation-Production II and Stage Combat 1 hr
TPA 2017C Theatre Rendering and Stage Combat 3 hrs
THE 4284 Period Costume, Architecture, and Decor Stage Combat 3 hrs
THE 4285 Period Costume, Architecture, and Decor Stage Combat 3 hrs
TPA 3195L Summer Theatre Studio/Tech/Design I and Stage Combat 3 hrs
TPA 3197L Summer Theatre Studio/Tech/Design II and Stage Combat 3 hrs
TPA 2211 Stagecraft II and Stage Combat 1 hr
TPA 2230C Costume Construction and Stage Combat 3 hrs
TPA 2000C Theatre Design Basics and Stage Combat 3 hrs
TPA 4265C CADD for Theatre and Stage Combat 2 hrs
TPA 4265C Advanced CADD for Theatre and Stage Combat 2 hrs
TPA 4401C Theatre Careers in Production and Stage Combat 3 hrs
TPA 3077C Scene Painting and Stage Combat 3 hrs
TPP 4940L Theatre Internship and Stage Combat 6 hrs

Select 3: 9 hrs
TPA 3060C Scenario Design for Theatre I or Stage Combat 3 hrs
TPA 3045C Costume Design for Theatre I or Stage Combat 3 hrs
TPA 3223C Lighting Design for Theatre I or Stage Combat 3 hrs
TPA 3265C Sound Design for Theatre I or Stage Combat 3 hrs

1 This course is taken twice.

5. Restricted Electives
   (see specializations for credit hours)
   Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department, except THE 3006, and not already applied toward a program requirement. Independent Study, Undergraduate Research, and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved by the Theatre Department Undergraduate Coordinator in advance. Courses with these prefixes not taught by the Department of Theatre cannot be used in this program.

6. Capstone Requirements
   None

7. Foreign Language Requirements
   Admissions
   Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
   Graduation
   None

8. Electives
   (variable)

9. Additional Requirements
   None

10. Required Minors
    None

11. Departmental Exit Requirements
   - Earn a grade of “C” (2.0) or better in each Theatre course.
   - Maintain a Theatre GPA of “B” (3.0) or better.
   - Complete an Exit Survey, Exit Interview and Audit.
   - Check the semester prior to final semester of theatre classes.
   - Complete 93 theatre credits in addition to the GEP for a total of 129. Courses that count in the GEP cannot also count towards total theatre credits.
   - Minimum of 60 theatre credits must be completed in residency at UCF.
   - Computer Competency met by TPA 4250C, or a computer science course.

12. University Minimum Exit Requirements
   - A 2.0 UCF GPA.
   - 60 semester hours earned after CLEP awarded.
   - 48 semester hours of upper division credit completed.
   - 30 of the last 39 hours of course work must be completed in residency at UCF.
   - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   - 129

Honors In Major
   None

Related Programs
   - Art
   - Film
   - Music
   - Theatre Studies

Certificates
   - None

Related Minors
   - Theatre
   - Dance
   - Art - Studio
   - Music
   - Film - Cinema Studies

Advising Notes
   None

Transfer Notes
   - Lower level courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
   - Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
   - Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   - Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:
     - THE 2020 May use any introductory course. Some students with a transfer substitution choose to take THE 2020 at UCF as a theatre elective.
     - THE 2305 May use any introductory Theatre Play or Script Analysis class. Script Analysis for Film cannot substitute. TPA 2210 may be substituted with any introductory 3 hrs Stagecraft Course. Lab will still need to be taken.
     - TPA 2200 may be substituted with any introductory Stagecraft course.
     - 1 TPP 3310C Directing for Theatre I 3 hrs may be substituted with: TPP 2300
     - Or any introductory Theatre Directing course.
## Plan of Study

### Acting

#### Freshman Year - Fall **16 hrs**
- THE 2020 Survey of Theatre for Majors 3 hrs
- TPP 2710C Voice Production I 2 hrs
- THE 2305 Script Analysis for Theatre 3 hrs
- TPP 3510C Movement for the Actor I 2 hrs
- GEP Mathematical Foundation 3 hrs
- ENC 1101 Composition I 3 hrs

#### Freshman Year - Spring **16 hrs**
- TPP 3711C Voice Production II 2 hrs
- TPP 2110C Acting I - Introduction 3 hrs
- TPP 3513C Movement for the Actor II 2 hrs
- TPA 2248C Makeup Techniques 2 hrs
- THE 2925L Theatre Participation 1 hr
- General Education 3 hrs
- ENC 1102 Composition II 3 hrs

#### Sophomore Year - Fall **16 hrs**
- TPA 2200C Introduction to Technical Theatre 2 hrs
- TPA 2200L Intro to Technical Theatre Lab 1 hr
- THE 3311 Theatre History and Dramatic Literature I 3 hrs
- TPA 2170C Acting II - The Actor Prepares 3 hrs
- DAA 2200C Ballet I 2 hrs
- TPP 3712C Voice Production III 2 hrs
- General Education 3 hrs

#### Sophomore Year - Spring **16 hrs**
- TPP 3257C Musical Theatre Voice I 2 hrs
- TPP 3173C Acting III - Building the Character 3 hrs
- THE 3312 Theatre History and Dramatic Literature II 3 hrs
- TPA 4221 Auditioning 3 hrs
- General Education 3 hrs

#### Junior Year - Fall **16 hrs**
- TPP 4140C Acting IV - Creating the Role 3 hrs
- TPP 4531C Period Movement 2 hrs
- TPA 3265C Sound Design for Theatre I 3 hrs
- TPA 3223C Costume Design for Theatre I 3 hrs
- TPA 4401C Theatre Careers in Production 3 hrs
- TPP 4940L Theatre Internship 6 hrs
- General Education 3 hrs

#### Junior Year - Summer **6 hrs**
- TPP 4404C Theatre Internship 6 hrs

#### Senior Year - Fall **15 hrs**
- TPP 4512C Stage Combat 2 hrs
- THE 2925L Theatre Participation 1 hr
- General Education 3 hrs

#### Senior Year - Spring **12 hrs**
- TPA 2220C Stage Electronics 3 hrs
- TPA 2211 Stagecraft II 3 hrs
- TPA 2210L Stagecraft I Lab 1 hr
- TPA 2200C Theatre Design Basics 3 hrs
- TPA 4250C CADD for Theatre 2 hrs
- General Education 3 hrs

#### Stage Management

#### Freshman Year - Fall **15 hrs**
- THE 2020 Survey of Theatre for Majors 3 hrs
- TPA 2210 Stagecraft I 3 hrs
- TPA 2210L Stagecraft I Lab 1 hr
- TPP 2110C Acting I - Introduction 3 hrs
- TPA 4250C CADD for Theatre 2 hrs
- TPA 2600 Stage Management Basics 3 hrs

#### Freshman Year - Spring **16 hrs**

---

**University of Central Florida**

**Undergraduate Catalog 2014-2015**

---

**Plan of Study**

- None

**Acting**

**Freshman Year - Fall** 16 hrs
- THE 2020 Survey of Theatre for Majors 3 hrs
- TPP 2710C Voice Production I 2 hrs
- THE 2305 Script Analysis for Theatre 3 hrs
- TPP 3510C Movement for the Actor I 2 hrs
- GEP Mathematical Foundation 3 hrs
- ENC 1101 Composition I 3 hrs

**Freshman Year - Spring** 16 hrs
- TPP 3711C Voice Production II 2 hrs
- TPP 2110C Acting I - Introduction 3 hrs
- TPP 3513C Movement for the Actor II 2 hrs
- TPA 2248C Makeup Techniques 2 hrs
- THE 2925L Theatre Participation 1 hr
- General Education 3 hrs
- ENC 1102 Composition II 3 hrs

**Sophomore Year - Fall** 16 hrs
- TPA 2200C Introduction to Technical Theatre 2 hrs
- TPA 2200L Intro to Technical Theatre Lab 1 hr
- THE 3311 Theatre History and Dramatic Literature I 3 hrs
- TPA 2170C Acting II - The Actor Prepares 3 hrs
- DAA 2200C Ballet I 2 hrs
- TPP 3712C Voice Production III 2 hrs
- General Education 3 hrs

**Sophomore Year - Spring** 16 hrs
- TPP 3257C Musical Theatre Voice I 2 hrs
- TPP 3173C Acting III - Building the Character 3 hrs
- THE 3312 Theatre History and Dramatic Literature II 3 hrs
- TPA 4221 Auditioning 3 hrs
- General Education 3 hrs

**Junior Year - Fall** 16 hrs
- TPP 4140C Acting IV - Creating the Role 3 hrs
- TPP 4531C Period Movement 2 hrs
- TPA 3265C Sound Design for Theatre I 3 hrs
- TPA 3223C Costume Design for Theatre I 3 hrs
- TPA 4401C Theatre Careers in Production 3 hrs
- THE 2925L Theatre Participation 1 hr
- General Education 3 hrs

**Junior Year - Summer** 6 hrs
- TPP 4404C Theatre Internship 6 hrs

**Senior Year - Fall** 15 hrs
- TPP 4512C Stage Combat 2 hrs
- THE 2925L Theatre Participation 1 hr
- General Education 3 hrs

**Senior Year - Spring** 12 hrs
- TPA 2220C Stage Electronics 3 hrs
- TPA 2211 Stagecraft II 3 hrs
- TPA 2210L Stagecraft I Lab 1 hr
- TPA 2200C Theatre Design Basics 3 hrs
- TPA 4250C CADD for Theatre 2 hrs
- General Education 3 hrs

**Design & Technology**

**Freshman Year - Fall** 15 hrs
- THE 2020 Survey of Theatre for Majors 3 hrs
- TPA 2210 Stagecraft I 3 hrs
- TPA 2210L Stagecraft I Lab 1 hr
- TPA 2200C Theatre Design Basics 3 hrs
- TPA 4250C CADD for Theatre 2 hrs
- General Education 3 hrs

**Freshman Year - Spring** 16 hrs
- TPA 2220C Stage Electronics 3 hrs
- TPA 2071C Theatre Rendering 3 hrs
- TPA 2211 Stagecraft II 3 hrs
- TPA 2210L Stagecraft I Lab 1 hr
- TPA 2200C Theatre Design Basics 3 hrs
- TPA 2600 Stage Management Basics 3 hrs

---

**Undergraduate Catalog 2014-2015**
<table>
<thead>
<tr>
<th>Freshman Year - Summer</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPA 3195L</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3197L</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Fall</th>
<th>12 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 3311</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 4251C</td>
<td>2 hrs</td>
</tr>
<tr>
<td>THE 2925L</td>
<td>1 hr</td>
</tr>
<tr>
<td>TPA 3077C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 2600</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year - Spring</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 3312</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 4384C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3601</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 2926L</td>
<td>1 hr</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>16 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 3313</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPP 2110C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatrical Participation</td>
<td>1 hr</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPA 3060C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3045C</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>18 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPA 4401C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPA 3265C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3225C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 4066C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 2925L</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Summer</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPP 4940L</td>
<td>6 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 4284</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPP 3310C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 4954</td>
<td>0 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPA 3060C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3045C</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>12 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 4285</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPA 3265C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3223C</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

---

**UCF Degree Programs**

**Theatre - Musical Theatre Track (B.F.A.)**

**College of Arts and Humanities**

**Department of Theatre,**  
**Performing Arts Center, Room: 210A**


Earl Weaver, Earl.Weaver@ucf.edu  
Phone: 407-823-2862

The Bachelor of Fine Arts Track in Musical Theatre serves those students interested in a career on the musical theatre stage. It is offered for students who, upon graduation, plan to pursue a specialized career in professional theatre. Because of its geographic location, UCF is a top choice for students interested in musical theatre. Walt Disney World, Universal Studios, and the budding expansion of the arts in Central Florida make it necessary for students to receive advanced studies in acting, musical theatre voice, and dance. Work within the BFA program requires energy and dedication; therefore, other part-time study or outside employment is generally impossible. BFA standards are high, both for admission and for continuation in the program. Production assignments are regulated to serve the artistic growth of students, coordinating production experience with classroom exploration.

**Admission Requirements**
- Entrance into most theatre classes is restricted to majors. Exceptions must be approved by the Undergraduate Coordinator.
- The departmental faculty evaluates students desiring to become majors via an interview and audition. For complete information, contact the Department of Theatre or visit the audition site online at [http://www.theatre.ucf.edu](http://www.theatre.ucf.edu).
- A candidate must present an audition consisting of one monologue and two musical selections. The entire audition should last no more than three minutes. An accompanist will be provided. Recorded accompaniment is not accepted. Candidates must also participate in a dance audition and complete a Music Skills Evaluation Survey. Visit [http://www.theatre.ucf.edu](http://www.theatre.ucf.edu) for details.
- All students must submit a resume, color head shot, three letters of recommendation, and transcripts of previous college work at the time of interview.
- All BFA musical theatre students are accepted on a “Provisional” basis their first year. Faculty will evaluate their work and decide whether or not the student may continue the program at the end of the first year.
- Departmental scholarship applications are due by April 15. Scholarship applications for incoming students are available at the audition/interview. Scholarship decisions are usually finalized in August.
- The Musical Theatre plan of study requires a Fall start for proper course sequencing. Students are not accepted to begin theatre courses in the Spring or Summer semesters.

**Degree Requirements**
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must adopt the most current internship manual upon registration for their internship. Internships are subject to departmental approval and may not be fulfilled through participating on a UCF theatre production.
- Students must maintain a minimum “B” (3.0) overall Theatre GPA to continue in the major.
- Theatre grades of less than “C” (2.0) will not be counted in the major or toward total theatre credits. Earning a grade less than “C” (2.0) in any theatre course will cause the student to be placed on departmental probation for one semester which causes him/her to be ineligible for casting or other department production positions. If grades improve probation is lifted. If grades do not improve the student may be released from the program. Semesters of poor performance need not be sequential for possible release from program.
UCF Degree Programs

- Continuation in the BFA program requires a positive annual BFA Review every semester. More than one negative review at any time in the program can lead to removal from the program.
- Co-op cannot be used in this major.
- Students must consult with a departmental advisor every semester before registration. Students who do not consult with their department advisor will be placed on departmental probation which causes him/her to be ineligible for casting or other production positions. Repeated failure to consult with a department advisor may lead to removal from the program.
- Departmental Residency Requirement consists of 60 semester hours of courses taken from the UCF Theatre Department.
- Prior to graduation, all BFA Musical Theatre majors must participate in at least 4 productions in addition to their Technical Theatre Production Lab. At least one participation credit must be an acting role, one must be a run crew, and one must be a front of house position. The fourth assignment may be in any production area.
- All BFA Musical Theatre majors are required to audition for all Fall and Spring productions and must accept the roles assigned.
- Due to its conservatory nature, the BFA demands a closely integrated four-year curriculum. Although the program is not designed for transfer students, transfer students may audition and may be admitted, but they should consult with the Department Undergraduate Coordinator to evaluate their transfer credits and to estimate the length of their program of study. We encourage any student wishing to transfer to complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- All BFA Theatre majors who participate in production work must be registered for the appropriate Theatre Participation course in the term in which they are participating. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a “0” credit participation course to meet departmental registration requirements. Students may also use additional participation credits as electives.
- Students must follow the most recent department student handbooks which are available on the department web site at http://www.theatre.ucf.edu.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count toward electives.
- Courses designated 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Courses designated 1 (General Education Program) are taken throughout all four years.

1. UCF General Education Program (GEP) (36 hrs)
A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
   Required: THE 2020 Survey of Theatre for Majors 3 hrs
   Select one course from 1.B.1 list 3 hrs
   Select one course from 1.B.1 or 1.B.2 list 3 hrs
C: Mathematical Foundations (6 hrs)
   Math: 3 hrs
   Suggested MGF 1106 Finite Mathematics or 3 hrs
   Suggested MGF 1107 Explorations in Mathematics or 3 hrs
   May substitute a higher level math with appropriate scores on the Math Placement Test.
Statistics - Computers 3 hrs
   Select a course from GEP C.2 list 3 hrs

2. Common Program Prerequisites (CPP) (20 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   1 THE 2305 Script Analysis for Theatre 3 hrs
   1 THE 2925L Theatre Participation 1 hr
   TPA 2200L Theatre Participation-Production I 1 hr
   TPA 2200L Intro to Technical Theatre Lab 1 hr
   TPP 2110C Acting I - Introduction 3 hrs
   Theatre Electives (THE, TPP, TPA prefix) 9 hrs
- “See Transfer Notes for possible substitutes.

3. Core Requirements: Basic Level (23 hrs)
   MUT 1121 Music Theory and Musicianship I 4 hrs
   MUT 1122 Music Theory and Musicianship II 4 hrs
   DAA 2200C Ballet I 2 hrs
   DAA 2201C Ballet II 2 hrs
   DAA 2570C Jazz Dance I 2 hrs
   DAA 2571C Jazz Dance II 2 hrs
   DAA 2520C Tap Dance I 2 hrs
   TPP 2248C Makeup Techniques 2 hrs
   TPP 2170C Acting II - The Actor Prepares 3 hrs

4. Core Requirements: Advanced Level (50 hrs)
   TPP 3173C Acting III - Building the Character 3 hrs
   TPP 4140C Acting IV - Creating the Role 3 hrs
   TPP 3251 Musical Theatre Acting I 3 hrs
   TPP 3252 Musical Theatre Acting II 3 hrs
   THE 4244 Musical Theatre History I 3 hrs
   THE 4245 Musical Theatre History II 3 hrs
   THE 3311 Theatre History and Dramatic Literature I 3 hrs
   THE 3312 Theatre History and Dramatic Literature II 3 hrs
   TPP 3257C Musical Theatre Voice I 2 hrs
   TPP 3258C Musical Theatre Voice II 2 hrs
   TPP 4256C Musical Theatre Voice III 2 hrs
   TPP 4923C Musical Theatre Voice IV 2 hrs
   TPP 4746C Musical Theatre Repertoire 2 hrs
   TPP 4940L Theatre Internship 6 hrs
   TPP 4223C Theatre Careers for Performance 3 hrs
   TPP 3310C Directing for Theatre 3 hrs
   THE 4954 Theatre Exit Critique 0 hrs
   Select 2 2 hrs
   TPA 4298L Theatre Participation-Production II or 1 hr
   THE 4093L Theatre Participation-Management II or 1 hr
   TPP 4193L Theatre Participation-Performance II 1 hr

Movement Electives 2 hrs
   TPP 4531 Period Movement, TPP 4512C Stage Combat, or any DAA or DAN courses not already required, taught by the department, and with departmental approval.

5. Restricted Electives
- Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department and not already applied toward a program requirement. Independent Study, Undergraduate Research and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved in advance by the Theatre Department Undergraduate Coordinator. Courses with these prefixes not taught by the department, and with departmental approval.

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- (variable)

9. Additional Requirements
- None
10. Required Minors
   ▫ None

11. Departmental Exit Requirements
   ▫ Earn a grade of “C” (2.0) or better in each Theatre course
   ▫ Maintain a Theatre GPA of “B” (3.0) or better
   ▫ Complete an Exit Survey, Exit Interview, and Audit
   ▫ Check the semester prior to final semester of theatre classes
   ▫ Minimum of 60 theatre credits must be completed in residency at UCF
   ▫ Complete 93 theatre credits in addition to the GEP for a total of 129. Courses that count in the GEP cannot also count towards total theatre credits.
   ▫ Computer Competency met by STA 1063C or a computer science course.

12. University Minimum Exit Requirements
   ▫ A 2.0 UCF GPA
   ▫ 60 semester hours earned after CLEP awarded
   ▫ 48 semester hours of upper division credit completed
   ▫ 30 of the last 39 hours of course work must be completed in residency at UCF.
   ▫ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   ▫ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   ▫ 129

Honors In Major
   ▫ None

Related Programs
   ▫ Film
   ▫ Music
   ▫ Theatre Studies

Certificates
   ▫ None

Related Minors
   ▫ Music
   ▫ Film - Cinema Studies
   ▫ Theatre
   ▫ Dance

Advising Notes
   ▫ None

Transfer Notes
   ▫ Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
   ▫ Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
   ▫ Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   ▫ Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

     1. THE 2020 Survey of Theatre for Majors 3 hrs
        ▪ may be substituted with:
        ▪ THE 2305 Script Analysis for Theatre 3 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2210 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPP 3310C Directing for Theatre I 3 hrs
        ▪ TPP 2300

     1 may use any introductory course. However, THE 2020 is a prerequisite for all theatre courses and may still need to be taken.

1. University Minimum Exit Requirements
   ▫ A 2.0 UCF GPA
   ▫ 60 semester hours earned after CLEP awarded
   ▫ 48 semester hours of upper division credit completed
   ▫ 30 of the last 39 hours of course work must be completed in residency at UCF.
   ▫ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   ▫ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   ▫ 129

Honors In Major
   ▫ None

Related Programs
   ▫ Film
   ▫ Music
   ▫ Theatre Studies

Certificates
   ▫ None

Related Minors
   ▫ Music
   ▫ Film - Cinema Studies
   ▫ Theatre
   ▫ Dance

Advising Notes
   ▫ None

Transfer Notes
   ▫ Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
   ▫ Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
   ▫ Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   ▫ Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

     1. THE 2020 Survey of Theatre for Majors 3 hrs
        ▪ may be substituted with:
        ▪ THE 2305 Script Analysis for Theatre 3 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2210 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPP 3310C Directing for Theatre I 3 hrs
        ▪ TPP 2300

     1 may use any introductory course. However, THE 2020 is a prerequisite for all theatre courses and may still need to be taken.

1. University Minimum Exit Requirements
   ▫ A 2.0 UCF GPA
   ▫ 60 semester hours earned after CLEP awarded
   ▫ 48 semester hours of upper division credit completed
   ▫ 30 of the last 39 hours of course work must be completed in residency at UCF.
   ▫ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   ▫ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   ▫ 129

Honors In Major
   ▫ None

Related Programs
   ▫ Film
   ▫ Music
   ▫ Theatre Studies

Certificates
   ▫ None

Related Minors
   ▫ Music
   ▫ Film - Cinema Studies
   ▫ Theatre
   ▫ Dance

Advising Notes
   ▫ None

Transfer Notes
   ▫ Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
   ▫ Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
   ▫ Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   ▫ Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

     1. THE 2020 Survey of Theatre for Majors 3 hrs
        ▪ may be substituted with:
        ▪ THE 2305 Script Analysis for Theatre 3 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2210 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPP 3310C Directing for Theatre I 3 hrs
        ▪ TPP 2300

     1 may use any introductory course. However, THE 2020 is a prerequisite for all theatre courses and may still need to be taken.

1. University Minimum Exit Requirements
   ▫ A 2.0 UCF GPA
   ▫ 60 semester hours earned after CLEP awarded
   ▫ 48 semester hours of upper division credit completed
   ▫ 30 of the last 39 hours of course work must be completed in residency at UCF.
   ▫ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   ▫ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   ▫ 129

Honors In Major
   ▫ None

Related Programs
   ▫ Film
   ▫ Music
   ▫ Theatre Studies

Certificates
   ▫ None

Related Minors
   ▫ Music
   ▫ Film - Cinema Studies
   ▫ Theatre
   ▫ Dance

Advising Notes
   ▫ None

Transfer Notes
   ▫ Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
   ▫ Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
   ▫ Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   ▫ Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

     1. THE 2020 Survey of Theatre for Majors 3 hrs
        ▪ may be substituted with:
        ▪ THE 2305 Script Analysis for Theatre 3 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2210 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPP 3310C Directing for Theatre I 3 hrs
        ▪ TPP 2300

     1 may use any introductory course. However, THE 2020 is a prerequisite for all theatre courses and may still need to be taken.

1. University Minimum Exit Requirements
   ▫ A 2.0 UCF GPA
   ▫ 60 semester hours earned after CLEP awarded
   ▫ 48 semester hours of upper division credit completed
   ▫ 30 of the last 39 hours of course work must be completed in residency at UCF.
   ▫ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   ▫ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   ▫ 129

Honors In Major
   ▫ None

Related Programs
   ▫ Film
   ▫ Music
   ▫ Theatre Studies

Certificates
   ▫ None

Related Minors
   ▫ Music
   ▫ Film - Cinema Studies
   ▫ Theatre
   ▫ Dance

Advising Notes
   ▫ None

Transfer Notes
   ▫ Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
   ▫ Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
   ▫ Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
   ▫ Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

     1. THE 2020 Survey of Theatre for Majors 3 hrs
        ▪ may be substituted with:
        ▪ THE 2305 Script Analysis for Theatre 3 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2210 Introduction to Technical Theatre 2 hrs
        ▪ TPA 2200 Introduction to Technical Theatre 2 hrs
        ▪ TPP 3310C Directing for Theatre I 3 hrs
        ▪ TPP 2300

     1 may use any introductory course. However, THE 2020 is a prerequisite for all theatre courses and may still need to be taken.
The Bachelor of Arts Degree is designed to offer a thorough foundation in theatre while providing flexibility and opportunity for interdisciplinary study with a required minor. Upon graduation, UCF students can choose to pursue further education or enter the job market with a skill set unique to their goals.

Admission Requirements
- The departmental faculty evaluates, via an interview, students who desire to become BA majors. For complete information visit [http://www.theatre.ucf.edu](http://www.theatre.ucf.edu).
- All students must submit a three letters of recommendation, a resume, and transcripts of previous college work at the time of interview.
- Departmental scholarship applications are due by April 15 for returning students and are available on our department website. Scholarship applications for incoming students are available at your interview appointment. Scholarship decisions are usually finalized in August prior to the Fall semester.

Degree Requirements
- Students who change degree programs and select this major must add the most current catalog.
- Students are required to complete a minor to graduate.
- Students who complete a double major fulfill the minor requirement automatically.
- Students must maintain a minimum “B” (3.0) overall Theatre GPA to continue in the major.
- Theatre grades of less than “C” (2.0) will not be counted in the major or toward total theatre credits. Earning a grade less than “C” (2.0) in any theatre course will cause the student to be placed on departmental probation for one semester which causes him/her to be ineligible for casting or other department production positions. If grades improve probation is lifted. If grades do not improve the student may be released from the program. Semesters of poor performance need not be sequential for possible release from the program.
- Co-op credit cannot be used in this major.
- Students must consult with a departmental advisor each semester before registering. Students who do not consult with their departmental advisor will be placed on departmental probation which causes him/her to be ineligible for casting or other production positions. Repeated failure to consult with a departmental advisor may lead to release from the program.
- Departmental Residency Requirement consists of at least 30 semester hours of courses taken from the UCF Theatre Department.
- All BA Theatre Studies students must register for three semesters of Theatre Participation in addition to the Technical Theatre Production Lab. One Participation credit must be as part of a run crew. One Participation credit must be as part of a Front of House crew. The third required Participation credit can be in either performance, shop assignments, run crews or Front of House.
- All Theatre majors who participate in production work must be registered for the appropriate Theatre Participation course in the term in which they are participating. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a “0” credit participation course to meet departmental registration requirements. Students may also use additional participation credits as electives.
- Students must follow the most recent department student handbooks which are available on the department web site at [http://www.theatre.ucf.edu](http://www.theatre.ucf.edu).
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count toward electives.
- Courses designated in 1 (General Education Program) are usually completed in the first 90 hours.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

1. UCF General Education Program (GEP) (36 hrs)
   - A: Communication Foundations (9 hrs)
   - B: Cultural & Historical Foundations (9 hrs)
     - Required: THE 2020 Survey of Theatre for Majors 3 hrs
     - Select one course from 1.B.1 list 3 hrs
     - Select one course from 1.B.2 list 3 hrs
   - C: Mathematical Foundations (6 hrs)
     - Math:
       - Suggested: MGF 1106 Finite Mathematics or 3 hrs
       - Suggested: MGF 1107 Explorations in Mathematics 3 hrs
     - You may substitute a higher level math with appropriate scores on the Math Placement Test.

   Statistics - Computers 3 hrs
   - Select a course from GEP C.2 list 3 hrs

2. Common Program Prerequisites (CPP) (20 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level (13 hrs)
   - THE 3311 Theatre History and Dramatic Literature I 3 hrs
   - THE 3312 Theatre History and Dramatic Literature II 3 hrs
   - THE 3313 Theatre History and Dramatic Literature III 3 hrs
   - TPA 2290L Theatre Participation-Production I 1 hr
   - TPA 2200L Intro to Technical Theatre Lab 1 hr
   - TPA 2110C Acting I - Introduction 3 hrs
   - Theatre Elective (THE, TPA, TPP, Prefix) 9 hrs

Select 1:
   - TPA 4193L Theatre Participation-Performance II or 1 hr
   - THE 4093L Theatre Participation-Management II or 1 hr
   - TPA 4193L Theatre Participation-Performance II 1 hr

5. Restricted Electives (13 hrs)
   - Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department, except THE 3006, and not already applied toward a program requirement. Independent Study, Undergraduate Research and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved in advance by the Theatre Department Undergraduate Coordinator. Courses with these prefixes not taught by the Department of Theatre cannot be used in this program.

6. Capstone Requirements
   - None

7. Foreign Language Requirements
   - Admissions
     - Met by graduation requirement
Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
- None

10. Required Minors
- Theater Studies BA students must complete a minor of at least 18 hours. See discipline for Minor requirements, information, and changes. University upper division credit hour requirements must be met. Students are discouraged from taking excess hours and should consider total credit hours required when selecting a minor. When no official minor is offered, students may complete an 18-credit-hour area of concentration when pre-approved by the Undergraduate Coordinator.

11. Departmental Exit Requirements
- Earn a grade of "C" (2.0) or better in each Theatre course.
- Maintain a "B" (3.0) Theatre GPA or better.
- Write an Exit Critique of a UCF-affiliated production and pass each section evaluated the semester prior to final semester of theatre classes.
- Complete an Exit Survey and Exit Interview/Audit Check the semester prior to final semester of theatre classes.
- Minimum of 30 theatre credits must be completed in residency at UCF.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 120

Honors In Major
- None

Related Programs
- Art
- Film
- Music
- Theatre

Certificates
- None

Related Minors
- Art - Studio
- Music
- Film - Cinema Studies
- Theatre
- Dance
- Event Management

Advising Notes
- None

Transfer Notes
- Lower level courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 2020 Survey of Theatre for Majors</td>
<td>3 hrs</td>
</tr>
<tr>
<td>may be substituted with:</td>
<td></td>
</tr>
<tr>
<td>THE 2305 Script Analysis for Theatre</td>
<td>3 hrs</td>
</tr>
<tr>
<td>may be substituted with:</td>
<td></td>
</tr>
<tr>
<td>THE 2300</td>
<td></td>
</tr>
<tr>
<td>TPA 2200 Introduction to Technical Theatre</td>
<td>2 hrs</td>
</tr>
<tr>
<td>may be substituted with:</td>
<td></td>
</tr>
<tr>
<td>TPA 2210</td>
<td></td>
</tr>
<tr>
<td>TPP 3310C Directing for Theatre I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>may be substituted with:</td>
<td></td>
</tr>
<tr>
<td>TPP 2300</td>
<td></td>
</tr>
<tr>
<td>TPP 2110C Acting I - Introduction</td>
<td>3 hrs</td>
</tr>
<tr>
<td>may be substituted with:</td>
<td></td>
</tr>
<tr>
<td>TPP 2190</td>
<td></td>
</tr>
</tbody>
</table>

Plan of Study

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year - Fall</td>
<td></td>
</tr>
<tr>
<td>THE 2020 Survey of Theatre for Majors</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPP 2110C Acting I - Introduction</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Sophomore Year - Fall</td>
<td></td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatre Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 2925L Theatre Participation</td>
<td>1 hr</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Sophomore Year - Spring</td>
<td></td>
</tr>
<tr>
<td>THE 3311 Theatre History and Dramatic Literature I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatre Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Junior Year - Fall</td>
<td></td>
</tr>
<tr>
<td>TPA 2290L Theatre Participation-Production I</td>
<td>1 hr</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Junior Year - Spring</td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 3313 Theatre History and Dramatic Literature</td>
<td>3 hrs</td>
</tr>
<tr>
<td>III General Elective</td>
<td>2 hrs</td>
</tr>
<tr>
<td>TPP 3310C Directing for Theatre I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Senior Year - Fall</td>
<td></td>
</tr>
<tr>
<td>THE 4954 Theatre Exit Critique</td>
<td>0 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatre Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 2925L Theatre Participation</td>
<td>1 hr</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Senior Year - Spring</td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatre Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatre Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Theatre Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term
World Languages Education - French (B.S.)

College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209

http://www.education.ucf.edu/language

Dr. Karen Verkler, ED 220L, Karen.Verkler@ucf.edu, 407-823-5235
Dr. Janet Andresen, ED 123Q, Janet.Andresen@ucf.edu, 407-823-5430

The World Languages Education - French B.S. program offers students the option of two tracks: World Languages Education - French Track and World Languages Education - French Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, K-12 schools that require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of "C-" (1.75) or better
- Meet the Gordon Rule Requirement
- Meet the foreign language admission requirement
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).
- The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

Degree Requirements

- Students should see an advisor prior to registering for courses.
- The courses designated in 1 (UCF General Education Program) and 1 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.566. Degree requirements are subject to change based on state mandates.

1. UCF General Education Program (GEP) (36 hrs)

   A: Communication Foundations (9 hrs)
   - Required ENC 1101 Composition I 3 hrs
   - Required ENC 1102 Composition II 3 hrs
   - Preferred SPC 1608 Fundamentals of Oral Communication 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   - Preferred AMH 2010 U.S. History: 1492-1877 3 hrs
   - Preferred AMH 2020 U.S. History: 1877-Present 3 hrs
   - Preferred PHI 2010 Introduction to Philosophy 3 hrs

   C: Mathematical Foundations (6 hrs)
   - Select 1: STA 1063C Basic Statistics Using Microsoft Excel or STA 2014C Principles of Statistics 3 hrs

   D: Social Foundations (6 hrs)
   - Preferred POS 2041 American National Government 3 hrs
   - Preferred PSY 2012 General Psychology 3 hrs

   E: Science Foundations (6 hrs)
   - Preferred PSC 1121 Physical Science 3 hrs

Select 1: 3 hrs
- Preferred ANT 2511 The Human Species or
- Preferred BSC 1005 Biological Principles 3 hrs

2. Common Program Prerequisites (CPP) (21 hrs)

- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs
- FRE 2201 Intermediate French Language and Civilization II 3 hrs
- FRE 3300 French Grammar 3 hrs
- FRE 3420 French Composition 3 hrs
- FRW 3100 Survey of French Literature I 3 hrs

1. In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.

3. Core Requirements: Basic Level (3 hrs)

- Education Track requires 3 semester hours
- Lifelong Learning Track requires 6 semester hours

   Education Track 3 hrs
   - EDF 2130 Child and Adolescent Development for Educators 3 hrs
   - EDP 2270 Adult Development & Learning 3 hrs

   Lifelong Learning Track 6 hrs
   - MHS 2330 Career Planning 3 hrs
   - Select 1: Child and Adolescent Development for Educators or Adult Development & Learning 3 hrs

4. Core Requirements: Advanced Level (57 hrs)

- Education Track requires 60 semester hours
- Lifelong Learning Track requires 87 semester hours

   Education Core Requirements 18 hrs
   - EDF 4410 Teaching Strategies and Classroom Management 3 hrs
   - EDF 4467 Learning Theory and Assessment 3 hrs
   - TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
   - Students in Schools 3 hrs
   - RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
   - EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
   - EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs

1. Pre-requisite for Internship (Education Track)
2. Florida College System institution transfer students may substitute EEX 2010 Introduction to Special Education.

Education Track Specialization Requirements 24 hrs

- FLE 4333 Foreign Language Teaching in the Secondary School 3 hrs
- FLE 4314 Foreign Language Teaching in Elementary Schools 3 hrs
- FRE 3760 Advanced French Oral Communication 3 hrs
- FRW 3101 Survey of French Literature II 3 hrs
- FRE 4421 Advanced French Conversation 3 hrs
- FRE 4422 Advanced French Composition 3 hrs
- Upper division restricted electives (FRE/FRW 3/4XXX with advisor's consent) 6 hrs

1. Required prior to Internship I.
2. FRE 3410 and FRE 3423 may substitute for FRE 4421 and FRE 4422.

Internship I 3 hrs

- Program Internship I Prerequisites: EDG 4410, EDF 4467, FLE 4314, FLE 4333, and at least 50% of all required foreign language courses must be completed before doing Internship I with a minimum grade of "C-" or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.

Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESOL Students in Schools.

Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.clinicalexperiences.education.ucf.edu.

FLE 3940 Internship 3 hrs

Other Cognate Requirements (Linguistics) 3 hrs
FRE 3780 French Phonetics and Diction 3 hrs

Internship II 12 hrs

At least 80% of all required foreign language courses and all methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. All methods courses and at least 80% of all specialization courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.

Passing scores on all sections [General Knowledge, Professional, and Subject Area (French K-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.

Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.education.ucf.edu/clinicalexperiences/.

Satisfactory completion of Internship II requires the student to demonstrate proficiency in all 12 Florida Educator Accomplished Practices. At the pre-professional level in accordance with State Board of Education Rule 6A-5.066.

FLE 4941 Internship 12 hrs

Lifelong Learning Track Specialization 39 hrs

Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.

A grade of “C-” or better is required.

Must have a total of 48 or more hours of upper level courses to graduate.

FRE 3760 Advanced French Oral Communication 3 hrs
FRE 3101 Survey of French Literature II 3 hrs
FRE 4421 Advanced French Conversation 3 hrs
FRE 4422 Advanced French Composition 3 hrs
FRE 3780 French Phonetics and Diction 3 hrs

Upper division electives (FRE/FRW 3/4000 with advisor's consent) 3 hrs

FLE 4333 Foreign Language Teaching in the Secondary School 3 hrs
FLE 4314 Foreign Language Teaching in Elementary Schools 3 hrs

EDG 4941 Directed Field Experience 1 hr
EDG 4948 Service Learning 3 hrs
DIG 3525 Digital Media Production I 3 hrs
DIG 2000 Introduction to Digital Media 3 hrs
DIG 2030C Digital Video Fundamentals 3 hrs
DIG 2105C Digital Imaging Fundamentals 3 hrs
DIG 2500C Fundamentals of Interactive Design 3 hrs
DIG 3811 User-Centered Design 3 hrs
DEP 2004C Developmental Psychology 3 hrs
DEP 3202 Psychology of Exceptional Children 3 hrs
DEP 3484 Psychology of Aging 3 hrs
EXP 3604C Cognitive Psychology 4 hrs

5. Restricted Electives
None

6. Capstone Requirements
None

7. Foreign Language Requirements
None

Admissions
State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
None

8. Electives
None

9. Additional Requirements
None

10. Required Minors
None

11. Departmental Exit Requirements
Achieve a minimum 2.5 GPA in all courses within the major.
Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the Florida Educator Accomplished Practices.

Education Track
Pass all applicable sections of the Florida Teacher Certification Examination.

12. University Minimum Exit Requirements
A 2.0 UCF GPA
60 semester hours earned after CLEP awarded
48 semester hours of upper division credit completed
30 of the last 39 hours of course work must be completed in residency at UCF.

A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
120

Honors In Major
None

Related Programs
None

Certificates
None

Related Minors
None

Advising Notes
None

Transfer Notes
None
Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- Recommended Four Year Sequence of Courses

Freshman Year - Fall 12 hrs
- ENC 1101 Composition I 3 hrs
- PSY 2012 General Psychology 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
- Select 1: 3 hrs
  - MGF 1106 Finite Mathematics or
  - MGF 1107 Explorations in Mathematics 3 hrs

Freshman Year - Spring 12 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
- ENC 1102 Composition II 3 hrs
- POS 2041 American National Government 3 hrs
- PSC 1121 Physical Science 3 hrs

Freshman Year - Summer 6 hrs
- PHI 2010 Introduction to Philosophy 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs

Sophomore Year - Fall 15 hrs
- EDF 2055 Introduction to the Teaching Profession 3 hrs
- FRE 2201 Intermediate French Language and Civilization II 3 hrs
- Select 1: 3 hrs
  - STA 2014C Principles of Statistics or
  - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

Sophomore Year - Spring 12 hrs
- EDF 2085 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs
- FRE 3300 French Grammar 3 hrs
- FRW 3100 Survey of French Literature I 3 hrs

Sophomore Year - Summer 3 hrs
- FRE 3420 French Composition 3 hrs

Junior Year - Fall 12 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs
- EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
- TSL 4080 Theory and Practice of Teaching ESOL 3 hrs

Junior Year - Spring 15 hrs
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

Education Track 12 hrs
- FRE 4422 Advanced French Composition and
- FRE 3780 French Phonetics and Diction and
- FLE 3600 Advanced French Oral Communication and
- FRW 3101 Survey of French Literature II 3 hrs

Lifelong Learning Track 12 hrs
- MHS 2330 Career Planning and
- Choose Lifelong Learning Specialization courses 9 hrs

Junior Year - Summer 9 hrs
- 1 EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs

Education Track 6 hrs
- FLE 4314 Foreign Language Teaching in Elementary Schools and
- FLE 4333 Foreign Language Teaching in the Secondary School 3 hrs

Lifelong Learning Track 6 hrs
- Choose Lifelong Learning Specialization courses 6 hrs

Senior Year - Fall 12 hrs
- FLE 3980 Internship and
- FRE 4421 Advanced French Conversation and
- Upper division restricted electives (FRE/FRW 3/4XXX with advisor's consent) 6 hrs

Lifelong Learning Track 12 hrs
- Choose Lifelong Learning Specialization courses 12 hrs

Senior Year - Spring 12 hrs
- FLE 4941 Internship 12 hrs

Equipment Fees
- Part-Time Student: $12 per term
- Full-Time Student: $24 per term

World Languages Education - Spanish (B.S.)

College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://www.education.ucf.edu/language
Email: kverkler@mail.ucf.edu
Dr. Karen Verkler, ED 220L, Karen.Verkler@ucf.edu, 407-823-5235
Dr. Janet Andreason, ED 125Q, Janet.Andreason@ucf.edu, 407-823-5430

The World Languages Education - Spanish B.S. program offers students the option of two tracks: World Languages Education - Spanish Track and World Languages Education - Spanish Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment outside formal, K-12 schools that do not require certification. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete all Education Common Program Prerequisite courses with a minimum letter grade of “C-” (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement.
- Have a minimum 2.5 overall GPA
- Education Track: Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

Degree Requirements
- Students should see an advisor prior to registering for classes
1. UCF General Education Program (GEP) (36 hrs)

- Students are advised to take the preferred courses.

**A: Communication Foundations** (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1008 Fundamentals of Oral Communication 3 hrs

**B: Cultural & Historical Foundations** (9 hrs)
- Prefer AMH 2010 U.S. History: 1492-1877 3 hrs
- Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
- Prefer PHI 2010 Introduction to Philosophy 3 hrs

**C: Mathematical Foundations** (6 hrs)
- Prefer MGF 1106 Finite Mathematics 3 hrs
- Select 1: 3 hrs
  - Prefer STA 1063C Basic Statistics Using Microsoft Excel or STA 2023C Statistics 3 hrs
  - Prefer STA 2014C Principles of Statistics 3 hrs

**D: Social Foundations** (6 hrs)
- Prefer POS 2041 American National Government 3 hrs
- Prefer PSY 2012 General Psychology 3 hrs

**E: Science Foundations** (6 hrs)
- Prefer PSC 1121 Physical Science 3 hrs
- Select 1: 3 hrs
  - Prefer ANT 2511 The Human Species or MTH 1030 Pre-Algebra 3 hrs
  - Prefer BSC 1005 Biological Principles 3 hrs

2. Common Program Prerequisites (CPP) (21 hrs)

- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
- EDF 2005 Introduction to the Teaching Profession 3 hrs
- EDF 2008 Introduction to Diversity for Educators 3 hrs
- EME 2040 Introduction to Technology for Educators 3 hrs
- SPN 2201 Intermediate Spanish Language and Civilization II 3 hrs
- SPN 3300 Advanced Spanish Grammar and Composition 3 hrs
- SPN 3420 Spanish Composition 3 hrs
- SPW 3100 Survey of Spanish Literature I 3 hrs

1 In addition to this course, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.
2 SPW 3130 and SPW 3131 may substitute for SPW 3100 and SPW 3101

3. Core Requirements: Basic Level (3 hrs)

- Education Track requires 3 semester hours
- Lifelong Learning Track requires 6 semester hours
- Students should consult advisor regarding course options.

**Education Track** 3 hrs
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- SPN 2201 Intermediate Spanish Language and Civilization II CPP
- SPN 3300 Advanced Spanish Grammar and Composition CPP
- SPN 3420 Spanish Composition CPP
- SPW 3100 Survey of Spanish Literature I CPP

1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

**Lifelong Learning Track** 6 hrs
- MHS 2330 Career Planning 3 hrs
- Select 1: 3 hrs
  - EDF 2130 Child and Adolescent Development for Educators or EDP 2270 Adult Development & Learning 3 hrs

4. Core Requirements: Advanced Level (57 hrs)

- Education Track requires 60 semester hours
- Lifelong Learning Track requires 57 semester hours

**Education Core Requirements** 18 hrs
- 1 EDF 4410 Teaching Strategies and Classroom Management 3 hrs
- 1 EDF 4467 Learning Theory and Assessment 3 hrs
- 1 TSL 4080 Theory and Practice of Teaching ESL Students in Schools 3 hrs
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
- 2 EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs

1 Pre-requisite for Internship I (Education Track)
2 Florida College System institution transfer students may substitute EEX 2010 Introduction to Special Education.

**Education Track Specialization Requirements** 21 hrs
- 1 FLE 4333 Foreign Language Teaching in the Secondary School 3 hrs
- 1 FLE 4314 Foreign Language Teaching in Elementary Schools 3 hrs
- SPN 3760 Advanced Spanish Oral Communication 3 hrs
- SPW 3101 Survey of Spanish Literature II 3 hrs
- SPN 3344 Advanced Spanish Native Fluency I 3 hrs
- SPN 3345 Advanced Spanish Native Fluency II 3 hrs
- SPN 4520 Latin American Civilzation and Culture 3 hrs

1 Required prior to Internship I
2 SPW 3130 and SPW 3131 may substitute for SPW 3100 and SPW 3101.

**Upper Division Restricted Electives** 6 hrs

- Florida College System institution transfer students may substitute lower division restricted electives.
- Select two upper division Spanish courses (SPN 3/4 XXX) 6 hrs with advisor's consent. The following courses are recommended:
  - SPN 4410 Advanced Spanish Conversation 3 hrs
  - SPN 4421 Advanced Spanish Composition 3 hrs
  - SPN 4510 Spanish Civilization and Culture 3 hrs

**Other Cognate Requirements** 3 hrs
- Select 1: 3 hrs
  - SPN 3952 Bilinguismo or SPN 4800 Spanish-American Syntax or SPN 4801 Spanish Morphosyntax 3 hrs

**Internship I** 3 hrs
- Program Internship I Prerequisites: EDF 4410, EDF 4467, FLE 4314, FLE 4333, and at least 50% of all required foreign language courses must be completed before doing Internship I with a minimum grade of "C-" or better. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship I.
- Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.
- Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDF 4410 Teaching Strategies and Classroom Management, EDF 4467 Learning Theory and Assessment, RED 4043 Content Reading Kindergarten through Grade 12, and TSL 4080 Theory and Practice of Teaching ESL Students in Schools.
UCF Degree Programs

- Students must apply and be approved for Internship I. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.clinicalexperiences.education.ucf.edu.

**Internship II Block 12 hrs**

- At least 80% of all required foreign language courses and all methods courses must be completed with a letter grade of “C-” (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II.
- Passing scores on all sections [General Knowledge, Professional, and Subject Area (Spanish K-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. Students must apply and be approved for Internship II. Deadline dates and applications are available through the Office of Clinical Experiences at http://www.clinicalexperiences.education.ucf.edu.
- Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.

**Lifelong Learning Track Specialization 39 hrs Requirements**

- Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.
- A grade of “C-” (1.75) or better is required.
- Must have a total of 48 or more hours of upper level courses to graduate.

**Upper division electives (SPN 3/4XXX with advisor’s consent)**

- FLE 3700 Advanced Spanish Oral Communication 3 hrs
- SPW 3310 Survey of Spanish Literature II 3 hrs
- SPN 3344 Advanced Spanish Native Fluency I 3 hrs
- SPN 3345 Advanced Spanish Native Fluency II 3 hrs
- SPN 4520 Latin American Civilization and Culture 3 hrs
- SPN 4410 Advanced Spanish Conversation 3 hrs
- SPN 4421 Advanced Spanish Composition 3 hrs
- SPN 4450 Spanish Civilization and Culture 3 hrs
- SPN 4800 Spanish-American Syntax 3 hrs
- SPN 4801 Spanish Morphosyntax 3 hrs
- Upper division electives (SPN 34XXX with advisor’s consent) 3 hrs

- FLE 4333 Foreign Language Teaching in the Secondary School 3 hrs
- FLE 4314 Foreign Language Teaching in Elementary Schools 3 hrs

- EDG 4941 Directed Field Experience 1 hr
- EDG 4948 Service Learning 3 hrs
- DIG 2030C Digital Video Fundamentals 3 hrs
- DIG 3525 Digital Media Production I 3 hrs
- DIG 2000 Introduction to Digital Media 3 hrs
- DIG 2100C Digital Imaging Fundamentals 3 hrs
- DIG 2500C Fundamentals of Interactive Design 3 hrs
- DIG 3811 User-Centered Design 3 hrs
- DEP 2004C Developmental Psychology 3 hrs
- DEP 3202 Psychology of Exceptional Children 3 hrs
- DEP 3484 Psychology of Aging 3 hrs
- EXP 3604C Cognitive Psychology 4 hrs
- EXP 3250C Principles of Human Factors Psychology 3 hrs
- EAB 3703C Principles of Behavior Modification 4 hrs
- MAN 3025 Management of Organizations 3 hrs
- MAN 4101 Human Relations in Management 3 hrs
- MGT 3023 Marketing 3 hrs
- ECT 4184 Curriculum Development Techniques for Industry Training 3 hrs
- HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
- HFT 2750 The Event Industry 3 hrs
- HFT 3708 Fairs and Festivals 3 hrs
- HFT 4754 Exhibit and Trade Show Operations 3 hrs

**5. Restricted Electives**

- None

**6. Capstone Requirements**

- None

**7. Foreign Language Requirements**

**Admissions**

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

**Graduation**

- None

**8. Electives**

- None

**9. Additional Requirements**

- None

**10. Required Minors**

- None

**11. Departmental Exit Requirements**

- Achieve a minimum 2.5 GPA in all courses within the major.
- Complete a portfolio according to program guidelines. This portfolio requires demonstration of professional growth, reflection, and proficiency in the Florida Educator Accomplished Practices.

**Education Track**

- Pass all applicable sections of the Florida Teacher Certification Examination.

**12. University Minimum Exit Requirements**

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

**Total Semester Hours Required**

- 120

**Honors In Major**

- None

**Related Programs**

- None

**Certificates**

- None

**Related Minors**

- None

**Advising Notes**

- None

**Transfer Notes**

- None

**Acceptable Substitutes for Transfer Courses**

- None

**Plan of Study**

- Recommended Four Year Sequence of Courses

**Freshman Year - Fall 12 hrs**

- AMH 2010 U.S. History: 1492-1877 3 hrs
- ENC 1101 Composition I 3 hrs
- MGF 1106 Finite Mathematics 3 hrs
- PSY 2012 General Psychology 3 hrs

- Recommended Four Year Sequence of Courses

- Communication Research Methods 3 hrs
- Computer Mediated Communication 3 hrs
- Intercultural Communication 3 hrs
- Fundamentals of Technical Presentations 3 hrs
- Interpersonal Communication 3 hrs
- Group Interaction and Decision-Making 3 hrs
- Leadership Through Oral Communication 3 hrs
- Nonverbal Communication 3 hrs

- Recommended Four Year Sequence of Courses

- 340
<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year - Spring</td>
<td>12 hrs</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>U.S. History: 1877-Present</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
</tr>
<tr>
<td>PSC 1121</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Freshman Year - Summer</td>
<td>6 hrs</td>
</tr>
<tr>
<td>PHI 2010</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>SPN 2201</td>
<td>Intermediate Spanish Language and Civilization II</td>
</tr>
<tr>
<td>Sophomore Year - Fall</td>
<td>15 hrs</td>
</tr>
<tr>
<td>EDF 2005</td>
<td>Introduction to the Teaching Profession</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
</tr>
<tr>
<td>SPN 3300</td>
<td>Advanced Spanish Grammar and Composition</td>
</tr>
<tr>
<td>Select 1:</td>
<td>3 hrs</td>
</tr>
<tr>
<td>STA 2014C</td>
<td>Principles of Statistics or</td>
</tr>
<tr>
<td>STA 1063C</td>
<td>Basic Statistics Using Microsoft Excel</td>
</tr>
<tr>
<td>Education Track</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 2130</td>
<td>Child and Adolescent Development for Educators</td>
</tr>
<tr>
<td>Lifelong Learning Track</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 2130</td>
<td>Child and Adolescent Development for Educators</td>
</tr>
<tr>
<td>EDP 2270</td>
<td>Adult Development &amp; Learning</td>
</tr>
<tr>
<td>Sophomore Year - Spring</td>
<td>12 hrs</td>
</tr>
<tr>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Introduction to Technology for Educators</td>
</tr>
<tr>
<td>SPN 3420</td>
<td>Spanish Composition</td>
</tr>
<tr>
<td>Select 1:</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 1005</td>
<td>Biological Principles or</td>
</tr>
<tr>
<td>ANT 2511</td>
<td>The Human Species</td>
</tr>
<tr>
<td>Sophomore Year - Summer</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPW 3100</td>
<td>Survey of Spanish Literature I</td>
</tr>
<tr>
<td>Junior Year - Fall</td>
<td>15 hrs</td>
</tr>
<tr>
<td>EDG 4410</td>
<td>Teaching Strategies and Classroom Management</td>
</tr>
<tr>
<td>Education Track</td>
<td>12 hrs</td>
</tr>
<tr>
<td>SPN 3344</td>
<td>Advanced Spanish Native Fluency I and</td>
</tr>
<tr>
<td>SPN 3700</td>
<td>Advanced Spanish Oral Communication and</td>
</tr>
<tr>
<td>SPW 3101</td>
<td>Survey of Spanish Literature II and</td>
</tr>
<tr>
<td>SPN 4520</td>
<td>Latin American Civilization and Culture</td>
</tr>
<tr>
<td>Lifelong Learning Track</td>
<td>12 hrs</td>
</tr>
<tr>
<td>Choose Lifelong Learning Specialization courses</td>
<td>12 hrs</td>
</tr>
<tr>
<td>Junior Year - Spring</td>
<td>12 hrs</td>
</tr>
<tr>
<td>EDF 4467</td>
<td>Learning Theory and Assessment</td>
</tr>
<tr>
<td>RED 4043</td>
<td>Content Reading in Kindergarten through Grade 12</td>
</tr>
<tr>
<td>TSL 4080</td>
<td>Theory and Practice of Teaching ESOL Students in Schools</td>
</tr>
<tr>
<td>Education Track</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPN 3345</td>
<td>Advanced Spanish Native Fluency II</td>
</tr>
<tr>
<td>Lifelong Learning Track</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MHS 2330</td>
<td>Career Planning</td>
</tr>
<tr>
<td>Junior Year - Summer</td>
<td>9 hrs</td>
</tr>
<tr>
<td>EDF 4603</td>
<td>Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
</tr>
<tr>
<td>Education Track</td>
<td>6 hrs</td>
</tr>
<tr>
<td>FLE 4314</td>
<td>Foreign Language Teaching in Elementary Schools and</td>
</tr>
<tr>
<td>FLE 4333</td>
<td>Foreign Language Teaching in the Secondary School</td>
</tr>
<tr>
<td>Lifelong Learning Track</td>
<td>6 hrs</td>
</tr>
<tr>
<td>Choose Lifelong Learning Specialization courses</td>
<td>6 hrs</td>
</tr>
</tbody>
</table>

The Bachelor of Arts degree in Writing and Rhetoric provides students with in-depth training in the interrelated fields of writing, rhetorical, and literacy studies, preparing them for a range of writing-focused jobs that involve the analysis, creation, editing, adaptation, and/or coordination of written, digital, and multimedia texts.

Admission Requirements
- None

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a “C” (2.0) in each course used to fulfill the requirements of the major.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Writing and Rhetoric Department.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Students must earn a minimum GPA of 2.5 in coursework used to satisfy the major.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Prefer PHI 2010 Introduction to Philosophy 3 hrs
- Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
UCF Degree Programs

C: Mathematical Foundations (6 hrs)
D: Social Foundations (6 hrs)
    Prefer POS 2041 American National Government 3 hrs
E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
   ENC 1101 Composition I GEP
   ENC 1102 Composition II GEP

3. Core Requirements: Basic Level (9 hrs)
   • Students must take these courses as early in the program as possible.
     ENC 3311 Rhetoric and Civic Engagement 3 hrs
     ENC 3502 Researching Writing and Literacy 3 hrs
     ENG 3836 Professional Lives and Literacy Practices 3 hrs

4. Core Requirements: Advanced Level (6 hrs)
   Extending Theories and Histories of Writing, Rhetoric, and Literacy
   • Students must take at least 6 hours from this category.
     ENC 3373 Cultural Rhetorics 3 hrs
     ENC 4374 Gendered Rhetorics 3 hrs
     ENC 4434 Visual and Material Rhetorics 3 hrs
     ENC 3417 Literacy and Technology 3 hrs
     ENC 3521 Writing Across Difference 3 hrs
     ENC 3315 Argumentative Writing 3 hrs
     ENC 3503 Topics in Writing & Literacy Studies 3 hrs

5. Restricted Electives (18 hrs)
   • Students must take at least 9 hours of courses from Applications of Civic Writing and Rhetoric and Applications of Professional and Digital Writing; these 9 hours can be from either or both categories.
   • Students must also take at least 3 hours from the Writing Practicum category.
   • Students must take at least 6 hours of Advised Electives.

   Applications of Civic and Cultural Writing and Rhetoric
   ENC 3311 Essay as Cultural Commentary 3 hrs
   ENC 4353 Writing for Social Change 3 hrs
   ENC 3375 Rhetoric in Popular Culture 3 hrs
   ENC 4378 Writing in Global and Transnational Contexts 3 hrs
   ENC 4354 Writing with Communities and Nonprofits 3 hrs
   ENC 3372 Topics in Civic Rhetoric and Writing 3 hrs

   Applications of Professional and Digital Writing
   ENC 3250 Professional Writing 3 hrs
   ENC 4212 Professional Editing 3 hrs
   ENC 3351 Writing for Publication 3 hrs
   ENG 3833 Marketing Your Writing 3 hrs
   ENC 3453 Writing About Health and Medicine 3 hrs
   ENC 3455 Writing about Science and Technology 3 hrs
   ENC 4416 Writing in Digital Environments 3 hrs
   ENC 3433 Multimedia Writing and Composition 3 hrs
   ENC 3454 Topics in Professional and Digital Writing 3 hrs

   Writing Practicum
   ENC 4275 Theory and Practice of Tutoring Writing 3 hrs
   ENC 3473 Writing in Disciplinary Cultures 3 hrs
   ENC 4944 Writing Internship 3 hrs

   Advised Electives
   • Hours can be met by any DWR upper-level (i.e., 3000 or 4000 level) course not otherwise used to satisfy major requirements or by approved upper-level, writing-intensive courses in another department.

6. Capstone Requirements (3 hrs)
   ENC 4379 Writing and Rhetoric Capstone 3 hrs

7. Foreign Language Requirements
   • Met by graduation requirement.

Graduation
   • Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language.

8. Electives
   • Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside of the department.

9. Additional Requirements
   • None

10. Required Minors
   • Can be Minor, Certificate, or Approved Area of Study
   • 18 hours minimum.

11. Departmental Exit Requirements
   • Students must complete an electronic writing portfolio approved by the DWR Director of Degree Programs.
   • Students must complete a minor, certificate, or approved program of study (at least 18 hours).
   • Computer competency met by completion of major.

12. University Minimum Exit Requirements
   • A 2.0 UCF GPA
   • 60 semester hours earned after CLEP awarded
   • 48 semester hours of upper division credit completed
   • 30 of the last 39 hours of course work must be completed in residency at UCF.
   • A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   • Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
   • 90

Honors In Major
   • Application and admission through the Writing and Rhetoric Degree Programs Office and the Burnett Honors College.
   • Fulfill University requirements for Honors in the Major.
   • Successful completion and oral defense of Honors thesis.

Related Programs
   • Interdisciplinary Studies

Certificates
   • Health Communication

Related Minors
   • Legal Studies
   • Education
   • Digital Media
   • History
   • Political Science
   • Interpersonal/Organizational Communication
   • Journalism Studies
   • Magazine Journalism
   • Marketing
   • Mass Communication
   • Public Administration
   • Nonprofit Management/National Certification in Nonprofit Management
   • Information Technology
   • Entrepreneurship
   • International and Global Studies
   • English - Creative Writing
   • English - Linguistics
   • English - Literature
   • English - Technical Communication
### Advising Notes
- None

### Transfer Notes
- Transfer courses in which students earned lower than a "C" (2.0) will not be accepted.
- Lower-level courses taken at community or state colleges do not substitute for upper-level courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. Student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study

#### Freshman Year - Fall
- ENC 1101  Composition I  3 hrs
- POS 2041  American National Government  3 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs

#### Freshman Year - Spring
- ENC 1102  Composition II  3 hrs
- AMH 2020  U.S. History: 1877-Present  3 hrs
- SPC 1608  Fundamentals of Oral Communication  3 hrs
- GEP 3 hrs
- GEP 3 hrs

#### Sophomore Year - Fall
- PHI 2010  Introduction to Philosophy  3 hrs
- GEP 3 hrs
- Core Course 3 hrs
- Foreign Language Course 4 hrs
- Course in Minor/Certificate/Program of Study 3 hrs

#### Sophomore Year - Spring
- Core Course 3 hrs
- Core Course 3 hrs
- Foreign Language Course 4 hrs
- Course in Minor/Certificate/Program of Study 3 hrs
- Elective 3 hrs

#### Junior Year - Fall
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Course in Minor/Certificate/Program of Study 3 hrs
- Elective 3 hrs

#### Junior Year - Spring
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Course in Minor/Certificate/Program of Study 3 hrs
- Elective 3 hrs

#### Senior Year - Fall
- ENC 4944  Writing Internship  3 hrs
- Advised Elective 3 hrs
- Course in Minor/Certificate/Program of Study 3 hrs
- Elective 3 hrs

#### Senior Year - Spring
- ENC 4379  Writing and Rhetoric Capstone  3 hrs
- Advised Elective 3 hrs
- Elective 3 hrs
- Elective 3 hrs

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  - http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm
Minors are authorized only for certification with baccalaureate degrees. Minors must be certified at the same time as the student’s baccalaureate degree. Unless a second baccalaureate degree is earned, certification will not be made at a later time even if additional courses have been completed.

A student may declare a minor up to but no later than the submission of the “Intent to Graduate Form.” However, students are strongly urged to declare a minor as early as possible. Contact the student support office of the college offering the minor.

<table>
<thead>
<tr>
<th>Minors</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>Aging Studies Certificate</td>
</tr>
<tr>
<td>Actuarial Science</td>
<td>Behavioral Forensics Certificate</td>
</tr>
<tr>
<td>Aerospace Studies</td>
<td>Children’s Services Certificate</td>
</tr>
<tr>
<td>Africana Studies</td>
<td>Crime Analysis and Crime Mapping Certificate</td>
</tr>
<tr>
<td>Aging Studies</td>
<td>Crime Scene Investigation Certificate</td>
</tr>
<tr>
<td>American Studies</td>
<td>Criminal Profiling Certificate</td>
</tr>
<tr>
<td>Anthropology</td>
<td>Cultural Tourism Certificate</td>
</tr>
<tr>
<td>Anthropology in Multicultural Studies</td>
<td>Diplomacy Certificate</td>
</tr>
<tr>
<td>Art - Studio</td>
<td>Educational Studies Certificate</td>
</tr>
<tr>
<td>Art Education</td>
<td>Engineering Leadership Certificate</td>
</tr>
<tr>
<td>Art History</td>
<td>Finance: Banking Certificate</td>
</tr>
<tr>
<td>Asian Studies</td>
<td>Finance: Corporate Finance Certificate</td>
</tr>
<tr>
<td>Astronomy</td>
<td>Finance: Investments Certificate</td>
</tr>
<tr>
<td>Bioengineering</td>
<td>Health Communication Certificate</td>
</tr>
<tr>
<td>Biology</td>
<td>Human Biology Certificate</td>
</tr>
<tr>
<td>Biomedical Sciences</td>
<td>Judaic Studies Certificate</td>
</tr>
<tr>
<td>Business</td>
<td>Language Development and Disorders Certificate</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Leadership Studies Certificate</td>
</tr>
<tr>
<td>Coaching</td>
<td>Marketing: e-Marketing Certificate</td>
</tr>
<tr>
<td>Cognitive Sciences</td>
<td>Marketing: Entertainment Marketing Certificate</td>
</tr>
<tr>
<td>Communication Sciences and Disorders</td>
<td>Marketing: Healthcare Marketing Certificate</td>
</tr>
<tr>
<td>Community Arts - PAVE</td>
<td>Marketing: Retailing Management Certificate</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Marketing: Selling and Sales Management Certificate</td>
</tr>
<tr>
<td>Crime, Law, and Deviance</td>
<td>Marketing: Services Marketing Certificate</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>Marketing: Sport Marketing Management Certificate</td>
</tr>
<tr>
<td>Dance</td>
<td>Native American Studies Certificate</td>
</tr>
<tr>
<td>Digital Humanities</td>
<td>Nonprofit Management Certificate</td>
</tr>
<tr>
<td>Digital Media</td>
<td>Public and Professional Writing Certificate</td>
</tr>
<tr>
<td>Diplomacy</td>
<td>Real Estate: Mortgage Brokerage Certificate</td>
</tr>
<tr>
<td>Diversity and Social Inequality</td>
<td>Real Estate: Real Estate Appraisal Certificate</td>
</tr>
<tr>
<td>Early Childhood</td>
<td>Real Estate: Real Estate Brokerage Certificate</td>
</tr>
<tr>
<td>Development and Education</td>
<td>Security Management Certificate</td>
</tr>
<tr>
<td>Economic Policy</td>
<td>Service-Learning Certificate</td>
</tr>
<tr>
<td>Economics</td>
<td>Substitute Teaching Certificate</td>
</tr>
<tr>
<td>Education</td>
<td>Teaching English as a Foreign Language Certificate</td>
</tr>
<tr>
<td>Emergency Management</td>
<td>Translation and Interpretation Certificate</td>
</tr>
<tr>
<td>and Homeland Security</td>
<td>Victim Advocacy Certificate</td>
</tr>
<tr>
<td>Energy and Sustainability</td>
<td>Women’s Studies Certificate</td>
</tr>
<tr>
<td>Engineering Leadership</td>
<td>Hospitality Management</td>
</tr>
<tr>
<td>English - Creative Writing</td>
<td>Human Communication</td>
</tr>
<tr>
<td>English - Linguistics</td>
<td>Humanities and Cultural Studies</td>
</tr>
<tr>
<td>English - Literature</td>
<td>Information Technology</td>
</tr>
<tr>
<td>English - Technical Communication</td>
<td>Intelligent Robotic Systems</td>
</tr>
<tr>
<td>English Language Arts Education</td>
<td>International and Global Studies</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>International Business</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>International Engineering</td>
</tr>
<tr>
<td>European Studies</td>
<td>Italian</td>
</tr>
<tr>
<td>Event Management</td>
<td>Journalism Studies</td>
</tr>
<tr>
<td>Exceptional Student Education</td>
<td>Judaic Studies</td>
</tr>
<tr>
<td>Film - Cinema Studies</td>
<td>Latin American Area Studies</td>
</tr>
<tr>
<td>Finance</td>
<td>Leadership Studies</td>
</tr>
<tr>
<td>Fitness Training</td>
<td>Legal Studies</td>
</tr>
<tr>
<td>Florida Studies</td>
<td>Magazine Journalism</td>
</tr>
<tr>
<td>French</td>
<td>Marketing</td>
</tr>
<tr>
<td>Global Peace and Security Studies</td>
<td>Mass Communication</td>
</tr>
<tr>
<td>Health Informatics</td>
<td>Mass Culture and Collective Behavior</td>
</tr>
<tr>
<td>and Information Management</td>
<td>Mathematical Biology</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Health Services Administration</td>
<td>Mathematics Education</td>
</tr>
<tr>
<td>History</td>
<td>Medical Anthropology</td>
</tr>
<tr>
<td>Hospitality Management</td>
<td>Medical Sociology</td>
</tr>
<tr>
<td>Human Communication</td>
<td>Medieval and Renaissance Studies</td>
</tr>
<tr>
<td>Humanities and Cultural Studies</td>
<td>Middle Eastern Studies</td>
</tr>
<tr>
<td>Information Technology</td>
<td>Military Science</td>
</tr>
<tr>
<td>Intelligent Robotic Systems</td>
<td>Music</td>
</tr>
<tr>
<td>International and Global Studies</td>
<td>Nonprofit Management/National Certification in Nonprofit Management</td>
</tr>
<tr>
<td>International Business</td>
<td>North American Indian Studies</td>
</tr>
<tr>
<td>International Engineering</td>
<td>Performing Arts Administration</td>
</tr>
<tr>
<td>Italian</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Journalism Studies</td>
<td>Physics</td>
</tr>
<tr>
<td>Judaic Studies</td>
<td>Political Science</td>
</tr>
<tr>
<td>Latin American Area Studies</td>
<td>Political Science/Prelaw</td>
</tr>
<tr>
<td>Leadership Studies</td>
<td>Psychology</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>Public Administration</td>
</tr>
<tr>
<td>Magazine Journalism</td>
<td>Real Estate</td>
</tr>
<tr>
<td>Marketing</td>
<td>Religion and Cultural Studies</td>
</tr>
<tr>
<td>Mass Communication</td>
<td>Russian Studies</td>
</tr>
<tr>
<td>Mass Culture and Collective Behavior</td>
<td>Science Education</td>
</tr>
<tr>
<td>Mathematical Biology</td>
<td>Secure Computing and Networks</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Social Science Education</td>
</tr>
<tr>
<td>Mathematics Education</td>
<td>Sociology</td>
</tr>
<tr>
<td>Medical Anthropology</td>
<td>Spanish</td>
</tr>
<tr>
<td>Medical Sociology</td>
<td>Sport Business Management</td>
</tr>
<tr>
<td>Medieval and Renaissance Studies</td>
<td>Statistics</td>
</tr>
<tr>
<td>Middle Eastern Studies</td>
<td>Technical Education and Industry Training</td>
</tr>
<tr>
<td>Military Science</td>
<td>Terrorism Entrepreneurship</td>
</tr>
<tr>
<td>Music</td>
<td>Theatre</td>
</tr>
<tr>
<td>North American Indian Studies</td>
<td>Urban and Regional Planning</td>
</tr>
<tr>
<td>Performing Arts Administration</td>
<td>Women's Studies</td>
</tr>
<tr>
<td>Philosophy</td>
<td>World Comparative Studies</td>
</tr>
<tr>
<td>Physics</td>
<td>World Languages Education - English for Speakers of Other Languages</td>
</tr>
<tr>
<td>Political Science</td>
<td>World Languages Education - Languages Other Than English</td>
</tr>
<tr>
<td>Political Science/Prelaw</td>
<td>Writing and Rhetoric</td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
</tr>
</tbody>
</table>
Accounting - Minor
College of Business Administration
Kenneth G. Dixon School of Accounting,
Business Administration II, Room: 101
http://web.bus.ucf.edu/accounting
Phone: 407-823-2184

For Business and Non-Business Majors.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (9 hrs)
- ACG 2021 Principles of Financial Accounting 3 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- ACG 3131 Intermediate Financial Accounting I 3 hrs

Restricted Electives (12 hrs)
Select 4:
- At least three courses must have either an ACG or TAX prefix
- ACG 3361 Cost Accounting I 3 hrs
- ACG 3141 Intermediate Financial Accounting II 3 hrs
- ACG 3501 Financial Accounting for Governmental and Nonprofit Organizations 3 hrs
- ACG 4401C Accounting Information Systems 3 hrs
- ACG 4851 Auditing 3 hrs
- TAX 4061 Taxation of Business Entities and Transactions 3 hrs
- FIN 3414 Intermediate Corporate Finance 3 hrs
- FIN 4453 Financial Models 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 21

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) or “S” grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be earned at UCF within the Department of Statistics.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.

Actuarial Science - Minor
College of Sciences
Department of Statistics,
Computer Center II, Room: 212
http://statistics.cos.ucf.edu/
Dr. David Nickerson, david.nickerson@ucf.edu, 407-823-5528

This minor is designed to satisfy the Society of Actuaries (SOA) Validation by Educational Equivalency requirements in the areas of Economics, Corporate Finance and Applied Statistics and prepare students for SOA Exam P, Exam FM and Exam MFE. It will also prepare them to take the Casualty Actuarial Society (CAS) Exam 1, Exam 2, and Exam 3F. Students who complete this minor will have completed the requirements for a Statistics minor, and should also apply for that minor prior to graduation. Alternatively, the minor will satisfy many requirements in the Statistics B.S. degree, so students may want to consider the Statistics B.S. with the Actuarial Science minor.

Minor Admission Requirements
- Students need to complete the prerequisite courses.

Minor Requirements
- A minimum grade of “C” (2.0) is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Department of Statistics.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.
- Students are expected to have completed some of the following courses as part of their GEP requirement.

Required Courses (21 hrs)
- ACG 2021 Principles of Financial Accounting 3 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- STA 2023 Statistical Methods I 3 hrs
- STA 4163 Statistical Methods II 3 hrs
- STA 4164 Statistical Methods III 3 hrs
- STA 4321 Statistical Theory I 3 hrs
- STA 4322 Statistical Theory II 3 hrs

Restricted Electives (16 hrs)
- AFR 1101C The Air Force Today I 1 hr
- AFR 1111C The Air Force Today II 1 hr
- AFR 2130C The Development of Air Power I 1 hr
- AFR 2131C The Development of Air Power II 1 hr
- AFR 3220C Air Force Leadership and Management I 3 hrs
- AFR 3230C Air Force Leadership and Management II 3 hrs
- AFR 4201C National Security Affairs and Prep for Active Duty I 3 hrs
- AFR 4210C National Security Affairs and Prep for Active Duty II 3 hrs

Aerospace Studies - Minor
College of Engineering and Computer Science
Air Force ROTC, Classroom Building 2, Room: 221
Colonel Todd M. Freece
Phone: 407-823-1247

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (16 hrs)
Required Courses 16 hrs
- AFR 1101C The Air Force Today I 1 hr
- AFR 1111C The Air Force Today II 1 hr
- AFR 2130C The Development of Air Power I 1 hr
- AFR 2131C The Development of Air Power II 1 hr
- AFR 3220C Air Force Leadership and Management I 3 hrs
- AFR 3230C Air Force Leadership and Management II 3 hrs
- AFR 4201C National Security Affairs and Prep for Active Duty I 3 hrs
- AFR 4210C National Security Affairs and Prep for Active Duty II 3 hrs

UNIVERSITY OF CENTRAL FLORIDA
345 Undergraduate Catalog 2014-2015
Minors

Restricted Electives
- None
Foreign Language Requirements
- None
Total Semester Hours Required
- 16
Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades less than “C-” (1.75) are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Africana Studies - Minor

College of Arts and Humanities
Colburn Hall, Room: 110
http://www.aas.cah.ucf.edu/
Anthony Major, Director, anthony.major@ucf.edu, 407-823-0026

The College of Arts and Humanities offers a minor in Africana Studies, which gives students the opportunity to explore the African Diaspora experience from a multi-disciplinary perspective. It is dedicated to developing knowledge and expertise of the Africana Diaspora, including Africa, North America, Central and South America, the Caribbean, Europe and beyond. The minor incorporates courses from many different disciplines including Music, Fine Arts, History, English, Foreign Languages, Political Science, Psychology, Sociology, Anthropology, Film, Theatre and the Sciences.

Minor Admission Requirements
- None
Minor Requirements
- None
Prerequisite Courses
- None

Required Courses (12 hrs)
- AFA 3102 Introduction to Africana Studies: A Multidisciplinary Approach 3 hrs
- AFA 3104 The Black Intellectual Experience 3 hrs
- AFA 3006 The African Diaspora: Theories and Movements 3 hrs

Select 1:
- AFA 4242 Contemporary Issues in Africana Studies 3 hrs
- AFA 4105 Documenting Africana Heritage and Life 3 hrs

Restricted Electives (6 hrs)
- Additional courses may be used only with the prior permission of the program director.
- Select two courses from one of the following areas of specialization.

General-Interdisciplinary (6 hrs)
- Select two from the following
  - AML 3613 Narratives of Slavery or 3 hrs
  - ANT 3319 Slavery, Resistance, and Cultural Dynamics 3 hrs
    Among African People in the Americas or
  - FIL 3631 Black Cinema or 3 hrs
  - INR 3250 Politics of Pan-Africanism or 3 hrs
  - LAS 4023 African Caribbean Experience or 3 hrs
  - LIT 3192 Caribbean Literature or 3 hrs
  - SOP 3724 Psychology of Prejudice or 3 hrs
  - SYD 3700 Race and Ethnicity or 3 hrs
  - WST 3460 Women, Race and Struggle or 3 hrs
  - POT 4345 Pan-Africanist Thought or 3 hrs

Caribbean/Central, South America (6 hrs)
- Select two from the following
  - AFA 3955 Study Abroad in Eastern Caribbean or 6 hrs
  - AML 3615 Harlem, Haiti, and Havana or 3 hrs
  - ANT 4340 Caribbean Cultures or 3 hrs
  - FIL 3831 Black Cinema or 3 hrs

North American (6 hrs)
- Select two from the following
  - AFA 3200 African American Music or 3 hrs
  - AFA 3371 Evolution of Hip Hop or 3 hrs
  - AFA 3420 Malcolm X, Black Nationalism, and Internationalism or
  - AMH 3403 History of the South Since 1865 or 3 hrs
  - AMH 3572 Black American History II or 3 hrs
  - AML 3013 Narratives of Slavery or 3 hrs
  - AML 3014 Topics in African-American Literature or 3 hrs
  - AML 3015 Harlem, Haiti, and Havana or 3 hrs
  - ANT 3398 Black/Seminoles Relations or 3 hrs
  - FIL 3831 Black Cinema or 3 hrs
  - MUL 2016 Evolution of Jazz or 3 hrs
  - PHP 3781 African-American Philosophy or 3 hrs
  - POS 4622 Politics and Civil Rights or 3 hrs
  - PUP 3314 Minorities in American Politics or 3 hrs

African Continental (6 hrs)
- Select two from the following
  - AFH 3100 African History to 1870 or 3 hrs
  - AFH 3200 African History Since 1870 or 3 hrs
  - ANT 4352 African Societies and Cultures or 3 hrs
  - FIL 3831 Black Cinema or 3 hrs
  - INR 3250 Politics of Pan-Africanism or 3 hrs
  - INR 3253 International Politics of Africa or 3 hrs
  - MUL 2016 Evolution of Jazz or 3 hrs
  - PHI 3790 African Philosophy or 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without the approval of the program coordinator.
- All minors are required to attend an orientation session at beginning of the first semester after the minor is declared.
- Complete an exit survey and audit check in the graduating semester.

Aging Studies - Minor

College of Health and Public Affairs
School of Social Work,
Health and Public Affairs, Room: 204
Email: socialwk@ucf.edu

Dr. Denise Gammonley
Phone: 407-823-2114

In recognition of the special needs of older adults in Central Florida, the University offers an eighteen-hour interdisciplinary program leading to a Minor in Aging Studies. The minor is open to all students in any major. This minor prepares students for careers in applied gerontology, research, public service or for graduate training. Courses focus on the physiological, psychological, sociological, environmental, cultural, legal-ethical and public policy issues affecting older adults. Students majoring in health professions, biomedical sciences, criminal justice and legal studies, hospitality management, psychology, social work, nursing, sociology, business, exercise science, physical education, communication sciences and disorders or education find study of the aging process especially helpful.
### Minor Admissions Requirements
- None

### Minor Requirements
- A required internship, along with course options that include service-learning activities, complements the web-based course of study.
- Students select one of the internship courses listed below depending on their major. BSW majors must take the 9 credit hour field education course.

### Prerequisite Courses
- None

### Required Courses
- **College of Health and Public Affairs**
  - HSA 4220 Long Term Patient Management 3 hrs
  - HSA 3222 Long Term Care and Administration 3 hrs
  - HSC 4564 Health Care Needs of the Elderly 3 hrs
  - PLA 4530 Legal Issues of the Elderly 3 hrs
  - SOW 4645 Social Services for the Elderly 3 hrs
  - NUR 4286 Gerontologic Nursing 3 hrs
  - SOW 3740 Social Work Practice with Loss & Life’s Transitions 3 hrs

- **Other Colleges**
  - DEP 3464 Psychology of Aging 3 hrs
  - SYP 4730 Patterns of Aging in Society 3 hrs
  - GEY 5007 Women and Healthy Aging 3 hrs
  - SYP 4732 Minority Aging 3 hrs

#### Other Requirements
- A minimum grade of “C” (2.0) is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the program.
- No credit by exam (TSD, Military credit) may be used.
- Independent Study credit may not be used toward the minor.

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 21

### Social Sciences
- **Select 1:**
  - POS 3413 The American Presidency or 3 hrs
  - POT 3204 American Political Thought or 3 hrs
  - SYD 3700 Race and Ethnicity or 3 hrs
  - SYP 3630 Popular Culture In Society 3 hrs

### History
- **Select 1:**
  - AMH 3561 Women in American History I or 3 hrs
  - AMH 4110 Colonial America, 1607-1763 or 3 hrs
  - AMH 4130 The Age of the American Revolution, 1763-1789 or 3 hrs
  - AMH 4311 American Culture I or 3 hrs
  - AMH 4313 American Culture II 3 hrs

### Restricted Electives
- 12 additional upper level hours. Select courses not already used from lists above.

#### Foreign Language Requirements
- None

### Total Semester Hours Required
- 21

### Anthropology - Minor

#### College of Sciences

#### Department of Anthropology,

#### Howard Phillips Hall, Room: 309

#### http://www.cos.ucf.edu/anthropology

#### Email: anthropology@ucf.edu

Dr. Arlen Chase  
Phone: 407-823-2227

The Anthropology minor develops a student’s holistic understanding of the past and present human condition. Four different concentrations are delimited within the Anthropology minor.

#### Minor Admission Requirements
- The minor is not open to Anthropology majors.

#### Minor Requirements
- Students must earn a grade of “C” (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department of Anthropology.

#### Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

#### Required Courses
- **ANT 2000** General Anthropology 3 hrs

#### Restricted Electives
- **A. Concentration in General Anthropology**
  - **ANT 2140** Archaeology and the Rise of Human Culture 3 hrs
  - **ANT 2410** Cultural Anthropology 3 hrs
  - **ANT 2511** The Human Species 3 hrs
  - Select additional upper level (3000-5999) Anthropology courses 6 hrs

---

### American Studies - Minor

#### College of Arts and Humanities

#### Colbourn Hall, Room: 201

#### http://www.cah.ucf.edu/

Delia Garcia, Delia.Garcia@ucf.edu  
Phone: 407-823-3312

#### Minor Admission Requirements
- None

#### Minor Requirements
- None

#### Prerequisite Courses
- None

#### Required Courses
- **AML 4101** American Novel or 3 hrs
  - **AML 4261** Literature of the South or 3 hrs
  - **AML 3682** Ethnic Literature in America 3 hrs

#### Social Sciences
- **Select 1:**
  - **AML 3682** Ethnic Literature in America 3 hrs
  - **AML 4261** Literature of the South or 3 hrs

---

#### Undergraduate Catalog 2014-2015
Minors

B. Concentration in Archaeology 15 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2140</td>
<td>Archaeology and the Rise of Human Culture</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Complete at least four of the following courses; 12 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 3106</td>
<td>Archaeology and Popular Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3115</td>
<td>Archaeological Method and Theory or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3142</td>
<td>Old World Prehistory or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3145</td>
<td>Archaeology of Complex Societies or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3148</td>
<td>Life and Death in Ancient Egypt or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3152</td>
<td>Indians of the Southwest or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3158</td>
<td>Florida Archaeology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3160</td>
<td>Americas Before Columbus or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3161</td>
<td>Archaeology of Mexico or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3163</td>
<td>Mesoamerican Archaeology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3164</td>
<td>Ancient Incas or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3165</td>
<td>Archaeology of South America or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3168</td>
<td>Maya Archaeology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3173</td>
<td>Archaeology of Sex or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3177</td>
<td>Archaeology of Caribbean Piracy or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4153</td>
<td>North American Archaeology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4180C</td>
<td>Seminar in Laboratory Analysis or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4183</td>
<td>Archaeological Sciences or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4184</td>
<td>Mortuary Archaeology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4524</td>
<td>Advanced Archaeological Fieldwork or</td>
<td>9 hrs</td>
</tr>
<tr>
<td>ANT 5166</td>
<td>Problems in Maya Studies or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 5167</td>
<td>Maya Hieroglyphs or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 5228</td>
<td>Maya Iconography or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 5822</td>
<td>Maya Field Research or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1 or its graduate equivalent.

C. Concentration in Physical Anthropology 15 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2511</td>
<td>The Human Species</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select from the following courses; 12 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 3148</td>
<td>Life and Death in Ancient Egypt or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3541</td>
<td>Biobehavioral Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3550C</td>
<td>Primatology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4183</td>
<td>Archaeological Sciences or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4184</td>
<td>Mortuary Archaeology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4462</td>
<td>Medical Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4467</td>
<td>Nutritional Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4516</td>
<td>Human Biological Diversity or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4521</td>
<td>Forensic Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4525C</td>
<td>Human Osteology or</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ANT 4560</td>
<td>Anthropological Perspectives on Human Growth or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4586C</td>
<td>Human Origins or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1 or its graduate equivalent.

D. Concentration in Cultural Anthropology 15 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select from the following courses; 12 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 3152</td>
<td>Indians of the Southwest or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3164</td>
<td>Ancient Incas or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>Peoples of the World or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3241</td>
<td>Magic, Ritual, and Belief or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3245</td>
<td>Native American Religions or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3262</td>
<td>Rural Society or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3273</td>
<td>Law and Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3302</td>
<td>Sex, Gender and Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3311</td>
<td>Indians of the Southeastern United States or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 3312</td>
<td>Ethnology of North American Indians or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3313</td>
<td>Indians of North America High Plains or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3398</td>
<td>Black/Semoline Relations or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4332</td>
<td>People and Cultures of Latin America or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4303</td>
<td>Anthropology of Tourism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3701</td>
<td>Applied Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4702</td>
<td>Culture, Power and Development or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4802</td>
<td>Ethnographic Field Methods or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 3610</td>
<td>Language and Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4340</td>
<td>Caribbean Cultures or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3319</td>
<td>Slavery, Resistance, and Cultural Dynamics Among African People in the Americas or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4034</td>
<td>History of Anthropological Thought or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4266</td>
<td>Economic Anthropology. Production, Consumption, and Exchange or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4352</td>
<td>African Societies and Cultures or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1 or its graduate equivalent, but not both.

Foreign Language Requirements

- None

Total Semester Hours Required

- 18

Other Requirements

- No credit by exam (TSD, Military credit) may be used to satisfy the minor.

Anthropology in Multicultural Studies - Minor

College of Sciences

Department of Anthropology, Howard Phillips Hall, Room: 309

http://www.cos.ucf.edu/anthropology

Email: anthropology@ucf.edu

Dr. Arlen Chase

Phone: 407-823-2227

This minor develops a student’s understanding of the recent dilemmas of Hispanic, Native American, and Pacific Rim cultures, sex, and gender controversies in societies, and the theoretical and practical issues of modern applied anthropology. The minor is especially appropriate for students majoring in political science, international business, or for any student seeking an enhanced understanding of contemporary cultural relations.

Minor Admission Requirements

- None

Minor Requirements

- Students must earn a grade of “C” (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department of Anthropology.

Prerequisite Courses

- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (3 hrs)

Select from:

- ANT 2000  General Anthropology or 3 hrs
- ANT 2410  Cultural Anthropology 3 hrs

Restricted Electives (15 hrs)

- Select from the following. Substitutions require prior consent of the Anthropology Coordinator.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 3164</td>
<td>Ancient Incas or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>Peoples of the World or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3241</td>
<td>Magic, Ritual, and Belief or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3245</td>
<td>Native American Religions or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3302</td>
<td>Sex, Gender and Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3312</td>
<td>Ethnology of North American Indians or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3319</td>
<td>Slavery, Resistance, and Cultural Dynamics Among African People in the Americas or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 3398</td>
<td>Black/Semoline Relations or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3541</td>
<td>Biobehavioral Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 3610</td>
<td>Language and Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3701</td>
<td>Applied Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4266</td>
<td>Economic Anthropology. Production, Consumption, and Exchange or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4303</td>
<td>Anthropology of Tourism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4332</td>
<td>People and Cultures of Latin America or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4340</td>
<td>Caribbean Cultures or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4408</td>
<td>Culture, Disease, and Healing or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4467</td>
<td>Nutritional Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4516</td>
<td>Human Biological Diversity or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>^1 ANT 4702</td>
<td>Culture, Power and Development or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYD 3700</td>
<td>Race and Ethnicity</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1 or its graduate equivalent.
Art Education - Minor
College of Education and Human Performance
School of Teaching, Learning, and Leadership
http://education.ucf.edu/
Dr. Thomas Brewer, ED 122U, Thomas.Brewer@ucf.edu, 407-823-3714

This minor is not available to Art Education majors. This minor is well-suited for students enrolled in the School of Visual Arts and Design or Interdisciplinary Studies students with a concentration in Art.

Admission Requirements
- Have a minimum 2.5 overall GPA
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.

Minor Requirements
- Students should see an advisor prior to registering for classes.
- Students must complete 18 SH of co-requisites and course prefixes could be ARE, ART, ARH, or GRA.
- At least 12 hours in the minor must be earned at UCF.
- Students must have a grade of C- or better in all courses required for minor.

Prerequisite Courses
- None

Required Courses
Credit Hour Requirement 18 hrs
EDG 4410 Teaching Strategies and Classroom Management 3 hrs
EDF 4467 Learning Theory and Assessment 3 hrs
TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs
RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
ARE 4351 Teaching Art in the Elementary School 3 hrs
ARE 4352 Teaching Art in the Secondary School 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- None

Art History - Minor
College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building,
Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

The School of Visual Arts and Design affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses
Credit Hour Requirement 18 hrs
ARH 2050 History of Western Art I 3 hrs
ARH 2051 History of Western Art II 3 hrs
ART 2201C Design Fundamentals-Two Dimensional 3 hrs
ART 2203C Design Fundamentals-Three Dimensional 3 hrs
ART 2300C Drawing Fundamentals I 3 hrs
ART 2301C Drawing Fundamentals II 3 hrs
ART 3950 Portfolio Review 0 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 24

Other Requirements
- None

Art - Studio - Minor
College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building,
Room: 117
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

The School of Visual Arts and Design affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses
Credit Hour Requirement 18 hrs
ARH 2050 History of Western Art I 3 hrs
ARH 2051 History of Western Art II 3 hrs
ART 2201C Design Fundamentals-Two Dimensional 3 hrs
ART 2203C Design Fundamentals-Three Dimensional 3 hrs
ART 2300C Drawing Fundamentals I 3 hrs
ART 2301C Drawing Fundamentals II 3 hrs
ART 3950 Portfolio Review 0 hrs

Restricted Electives
- Six semester hours of studio art in one area of specialization at the 3000-4000 level

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- None
Minors

Prerequisite Courses
- None

Required Courses (15 hrs)
- Select 4:
  - ARH 2050  History of Western Art I or 3 hrs
  - ARH 2051  History of Western Art II or 3 hrs
  - ARH 4310  Italian Renaissance Art or 3 hrs
  - ARH 4430  19th Century Art or 3 hrs
  - ARH 4450  20th Century Art 3 hrs

Non-Western/Ancient Course Requirement (3 hrs)
- Select 1:
  - ARH 3670  20th Century Latin American Art or 3 hrs
  - ARH 4130  Greek Art and Architecture or 3 hrs
  - ARH 4150  Roman Art and Architecture or 3 hrs
  - ARH 4540  Art of India or 3 hrs
  - ARH 4653  Meso American Art 3 hrs

Restricted Electives (3 hrs)
- Select 1:
  - ARH 4200  Medieval Art or 3 hrs
  - ARH 4350  Baroque Art or 3 hrs
  - ARH 4800  Theory and Criticism of the Visual Arts or 3 hrs
  - ARH 4871  Women in Art 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the School of Visual Arts and Design.
- No credit by exam (TSD, Military credit) may be used.
- Co-op, Independent Study, Directed Research, or Internship credit cannot be used in the minor.

Asian Studies - Minor

College of Arts and Humanities
http://www.cah.ucf.edu/
Dr. Patrick Murphy, patrick.murphy@ucf.edu, 407-823-5596

An interdisciplinary minor in which several UCF departments participate in order to offer students a basic and well-rounded background in the field. Courses are to be selected in consultation with a departmental advisor.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (3 hrs)
- HUM 3401  Asian Humanities 3 hrs

Restricted Electives (18 hrs)
- Approved courses (see department for listing)

Foreign Language Requirements
- One year or the equivalent proficiency examination (0-8 hrs). Students taking foreign language classes must complete at least six hours in the sequence chosen (e.g., Chinese, Japanese).

Total Semester Hours Required
- 21

Other Requirements
- Students must earn at least a "C" (2.0) in each course used to satisfy the minor.
- At least fifteen credits hours must be earned in upper level credits.
- At least 15 hours used in the minor must be earned at UCF.

Astronomy - Minor

College of Sciences

Department of Physics, Physical Sciences, Room: 430
Email: physics@ucf.edu
Dr. Humberto Campins
Phone: 407-823-2325

Minor Admission Requirements
- The minor is not open to Physics majors with an Astronomy specialization.

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 9 hours used in the minor must be earned at UCF within the department of Physics.

Prerequisite Courses
- Most courses for this minor will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Required Courses (19 hrs)
- AST 2002  Astronomy 3 hrs
- PHY 2048C  Physics for Engineers & Scientists I 4 hrs
- AST 4152  Planetary Geophysics 3 hrs
- AST 3211  Stellar Astrophysics 3 hrs
- AST 3402  Galaxies and Cosmology 3 hrs
- AST 4700  Experimental Methods in Astronomy 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 19

Other Requirements
- No credit by exam (TSD, Military credit) may be used toward the minor.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Bioengineering - Minor

College of Engineering and Computer Science
Engineering, Room: 107
http://www.cecs.ucf.edu/minors/bioengineering
Dr. Alain Kassab, Engineering Track, alain.kassab@ucf.edu, 407-823-5778
Dr. Charles Hughes, Computer Science Track, ceh@cs.ucf.edu, 407-823-2762

The Bioengineering minor prepares engineering and computer science students to pursue graduate academic and professional careers serving a wide range of the medical arena in research and development. Candidates completing this minor will also satisfy course admissions requirements for the UCF Medical School and other medical schools in the US. Engineering and computer science students interested in pursuing an MD degree at UCF or elsewhere are strongly encouraged to seek further advisement from the Office of Pre-Health and Pre-Law Advising. The minor constitutes up to: (a) for the engineering track 21 hours of coursework over the requirements for a bachelor of science degree in an engineering discipline at UCF, and (b) a minimum 17 hours of coursework over the requirements for a bachelors of science degree in computer science at UCF.
Minors

Minor Admission Requirements
- Admission Requirements: Entrance into the minor is required upon admission to the University and requires a minimum high school unweighted GPA 3.7, and ACT 30 or SAT 1300. Well-qualified students in the College of Engineering and Computer Science of at least junior standing can also be considered for admission into the minor. In order to remain in the program, students must maintain a UCF Undergraduate GPA 3.0. Candidates should contact the CECS Academic Affairs Office, bioengineering@ucf.edu, for application into the minor. Applications will be reviewed and decisions rendered by an admissions committee.

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (35 hrs)
- PHY 2048C Physics for Engineers & Scientists I 4 hrs
- PHY 2049C Physics for Engineers and Scientists II 4 hrs
- BSC 2010C Biology I 4 hrs
- BSC 2011C Biology II 4 hrs
- PCB 2045C Chemistry Fundamentals I 4 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- CHM 2211 Organic Chemistry I 3 hrs
- CHM 2211L Organic Chemistry Techniques I 2 hrs
- CHM 2211L Organic Chemistry II 3 hrs
- EGN 4941 Internship 1 hr

Restricted Electives (6 hrs)
- Students will select either the Engineering Track or Computer Science Track to define their elective choices.

Engineering Track (6 hrs)
- Select 1: 3 hrs
  - EMA 5584 Biomaterials or 3 hrs
  - EML 5760 Biomechanics or 3 hrs
  - EEE 5272 Biomedical Sensors or 3 hrs
  - EES 4111C Biological Process Control or 3 hrs
  - EIN 5240 Ergonomics 3 hrs

Select 1: 3 hrs
- CAP 5512 Evolutionary Computation 3 hrs
- BCH 4053 Biochemistry I or 3 hrs
- BSC 3403C Quantitative Biological Methods or 4 hrs
- BSC 5418 Tissue Engineering or 3 hrs
- MCB 3020C General Microbiology or 5 hrs
- PCB 3522 Molecular Biology I or 3 hrs
- PCB 3703C Human Physiology or 4 hrs
- ZOO 3733C Human Anatomy or 4 hrs
- ZOO 3744 Neurobiology or 3 hrs
- PCB 3063 Genetics or 3 hrs

Computer Science Track (6 hrs)
- Select 1: 3 hrs
  - CAP 5512 Evolutionary Computation or 3 hrs
  - EOT 6417 Algorithms on Strings and Sequences 3 hrs

Select 1: 3 hrs
- BCH 4053 Biochemistry I or 3 hrs
- BSC 3403C Quantitative Biological Methods or 4 hrs
- BSC 5418 Tissue Engineering or 3 hrs
- MCB 3020C General Microbiology or 5 hrs
- PCB 3522 Molecular Biology I or 3 hrs
- PCB 3703C Human Physiology or 4 hrs
- ZOO 3733C Human Anatomy or 4 hrs
- ZOO 3744 Neurobiology or 3 hrs
- PCB 3063 Genetics or 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 31

Other Requirements
- Open only to engineering and computer science majors.
- A grade of “B” (3.0) or better is required in each course used to satisfy the minor.
- The Bachelors of Science must be completed in order for the minor to be awarded.

Biology - Minor

College of Sciences
Department of Biology, Biology, Room: 301
http://www.cos.ucf.edu/biology
Email: biology@ucf.edu
Frank Logiudice
Phone: 407-823-2141

Minor Admission Requirements
- The minor is not open to Biology or Biology Preprofessional majors.

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted in the minor.
- At least 15 hours used in the minor must be earned at UCF within the Department of Biology.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (31 hrs)
- BSC 2010C Biology I 4 hrs
- BSC 2011C Biology II 4 hrs
- PCB 2045C Chemistry Fundamentals I 4 hrs
- PCB 2063C Genetics 3 hrs

or, depending on Chemistry Placement score 6 hrs
- CHM 2040 Chemistry Fundamentals IA and 3 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2210 Organic Chemistry I 3 hrs
- PCB 3023 Molecular Cell Biology 3 hrs
- PCB 3044 Principles of Ecology 3 hrs
- PCB 3063 Genetics 3 hrs
- PCB 4683 Evolutionary Biology 4 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 31

Other Requirements
- No credit by exam (TSD, Military credit) may be used toward the minor.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Biomedical Sciences - Minor

College of Medicine
Burnett School of Biomedical Sciences
Department of Molecular and Microbiology, Health and Public Affairs II, Room: 335
http://www.biomed.ucf.edu
Email: bcbcsinfo@mail.ucf.edu
Dr. Richard Peppeler, Interim Director
Phone: 407-823-5932

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (23 hrs)
- BSC 2010C Biology I 4 hrs
- MCB 3020C General Microbiology 5 hrs
- EEE 5272 Biomedical Sensors 1 hr
- PCB 3522 Molecular Biology I 3 hrs
- PCB 4524 Molecular Biology II 3 hrs
- BSC 3403C Quantitative Biological Methods 4 hrs
Minors

Select 1: 3 hrs
PCB 3233  Immunology or 3 hrs
PCB 4280  Molecular Immunology 3 hrs

Restricted Electives (7 hrs)
- At least two courses from the Restricted Elective category of the baccalaureate curriculum.

Foreign Language Requirements
- None

Total Semester Hours Required
- 30

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades less than “C-“ (1.75) are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Business - Minor

College of Business Administration
Undergraduate Student Services BA2, 101, 407-823-2184
Not available to Business majors.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (18 hrs)
- BUL 3130  Legal and Ethical Environment of Business 3 hrs
- FIN 2100  Personal Finance and Investments 3 hrs
- MAR 3023  Marketing 3 hrs
- ECO 2013  Principles of Macroeconomics 3 hrs
- ECO 2023  Principles of Microeconomics 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 11 hours used in the minor must be earned at UCF within the College of Business, with a minimum GPA of 2.0.

Chemistry - Minor

College of Sciences
Department of Chemistry,
Physical Sciences, Room: 255
http://www.cos.ucf.edu/chemistry
Email: chemistry@ucf.edu
Dr. Pedro Patino, pedro.patino@ucf.edu

Minor Admission Requirements
- The minor is not open to Chemistry majors.

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 11 hours used in the minor must be earned at UCF within the department of Chemistry, with a minimum GPA of 2.0.

Prerequisite Courses
- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (20 hrs)
- CHM 2045C  Chemistry Fundamentals I 4 hrs
  - or 6 hrs
  - CHM 2040  Chemistry Fundamentals IA and 3 hrs
  - CHM 2041  Chemistry Fundamentals IB 3 hrs
  - and 3 hrs
  - CHM 2046  Chemistry Fundamentals II 3 hrs
  - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
  - CHM 2210  Organic Chemistry I 3 hrs
  - CHM 2211  Organic Chemistry II 3 hrs
  - CHM 2211L Organic Laboratory Techniques I 2 hrs
  - CHM 3120  Analytical Chemistry 3 hrs
  - CHM 3120L Analytical Chemistry Laboratory 1 hr

Restricted Electives (8 hrs)
- At least one course must be selected from group I and the remaining from group I and/or II

Group I: Select at least one course
- BCH 4103L  Biochemical Methods 2 hrs
- CHS 3530C  Forensic Analysis of Controlled Substances 4 hrs
- CHM 3411L  Physical Chemistry Laboratory 2 hrs
- CHM 3215L  Organic Laboratory Techniques II 2 hrs
- CHM 4130  Advanced Analytical Laboratory Technique 3 hrs
- CHM 5451C  Techniques in Polymer Science 3 hrs

Group II:
- BCH 4053  Biochemistry I 3 hrs
- BCH 4054  Biochemistry II 3 hrs
- CHS 4615  Environmental Chemistry 3 hrs
- CHM 3410  Physical Chemistry I 4 hrs
- CHM 3411  Physical Chemistry II 3 hrs
- CHM 3422  Applied Physical Chemistry 3 hrs
- CHM 4220  Organic Chemistry III 3 hrs
- CHM 5225  Advanced Organic Chemistry 3 hrs
- CHM 5235  Applied Molecular Spectroscopy 3 hrs
- CHM 5450  Polymer Chemistry 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 28

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
Coaching - Minor
College of Education and Human Performance
Department of Educational and Human Sciences,
Education Building, Room: 209
Patty Lanier, Patty.Lanier@ucf.edu, 407-823-0623

The coaching minor is designed to provide a limited, but substantive experience in the field of coaching. The state of Florida requires a coaching endorsement, which includes nine hours (Human Injuries, Coaching Theory, and a Coaching Specialization course), for all persons certified to teach. This minor is appropriate for those students who plan to coach and/or are seeking a career in the fields of Physical Education and sport. The following courses will give the student a coaching endorsement as well as strengthen the marketability of the student’s major program. This Minor is available for students in the 2001 Catalog Year and beyond.

Minor Admission Requirements
■ Have a minimum 2.5 overall GPA

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (18 hrs)
- ATR 4132 Human Injuries: Mechanisms & Prevention 3 hrs
- PET 3765 Coaching Theory 3 hrs
- PET 4215 Motivational Aspects of Athletic Performance 3 hrs
- PET 4763 Coaching Methods And Principles 3 hrs
- SPM 3204 Sports and Ethics 3 hrs

Select 1: 3 hrs
- PEO 3624 Coaching Basketball or 3 hrs
- PEO 3644 Coaching Football or 3 hrs
- PEO 3324 Coaching Volleyball or 3 hrs

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ An overall GPA of 2.5 is required to satisfy the minor.
■ No grades below "C" (2.0) and no "S" grades will be accepted.
■ At least 12 hours used in the minor must be earned at UCF.
■ No TSD or Military credit may be used.
■ Internship or Independent Study credit cannot be used towards the minor.

Cognitive Sciences - Minor
College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: philosophy2@ucf.edu
Dr. Jennifer Mundale, Jennifer.Mundale@ucf.edu
Phone: 407-823-2273

The cognitive sciences minor provides an interdisciplinary approach to the study of mind, brain, and cognition, broadly construed. It complements the background of students intending to pursue graduate degrees in cognitive sciences, computer science, philosophy, psychology, biology, neuroscience, and medicine, as well as students with more immediate career goals in fields such as neural network modeling, neuroimaging, information technology, clinical or counseling psychology, biotechnology, and others.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ Note: It is the student’s responsibility to complete satisfactorily all prerequisite courses prior to registering for each course. Students must check the most current catalog before registering, and abide by the prerequisites in effect at that time.

Required Courses (15 hrs)
■ Foundation Courses
■ Select from at least 4 subject areas.

Neuroscience 3 hrs
- PSB 3002 Physiological Psychology or 3 hrs
- PSB 4240C Neuropsychology or 4 hrs
- ZOO 3744 Neurobiology 3 hrs

Philosophy 3 hrs
- PHI 3320 Philosophy of Mind or 3 hrs
- PHI 3323 Minds and Machines: Philosophy of Cognitive Science or 3 hrs
- PHI 3451 Philosophy of Psychology or 3 hrs
- PHI 4341 Ways of Knowing or 3 hrs
- PHI 4400 Philosophy of Science or 3 hrs
- PHI 4935 Topics in Philosophy of Mind or 3 hrs

Psychology 3 hrs
- EXP 3204C Perception or 4 hrs
- EXP 3604C Cognitive Psychology or 4 hrs
- EXP 4507C Advanced Human Memory and Cognition or 3 hrs

Computer Science and Information Technology 3 hrs
- CAP 4453 Robot Vision or 3 hrs
- CAP 4630 Artificial Intelligence or 3 hrs
- COP 4520 Concepts of Parallel and Distributed Processing or 3 hrs
- EEL 3531 Information Theory or 3 hrs
- EEL 3552C Analog and Digital Communication Fundamentals or 4 hrs

Language and Linguistics 3 hrs
- ANT 3610 Language and Culture or 3 hrs
- LIN 3010 Principles of Linguistics or 3 hrs
- LIN 3716 Language Development or 3 hrs
- LIN 3717 Language Development: 9 - 18 Years or 3 hrs
- PHI 4221 Philosophy of Language or 3 hrs
- EXP 3640 Psychology of Language or 3 hrs

Restricted Electives (6 hrs)
Select 2: 6 hrs
- ANT 3541 Biobehavioral Anthropology or 3 hrs
- ANT 3550C Primatology or 3 hrs
- ANT 3610 Language and Culture or 3 hrs
- ANT 4586C Human Origins or 3 hrs
- CAP 4630 Artificial Intelligence or 3 hrs
- CAP 5015 Multimedia Compression on the Internet or 3 hrs
- CAP 5415 Computer Vision or 3 hrs
- CAP 5512 Evolutionary Computation or 3 hrs
- COP 4520 Concepts of Parallel and Distributed Processing or 3 hrs
- EXP 3204C Perception or 4 hrs
- LIN 4711 Language Analysis or 3 hrs
- LIN 4711L Language Analysis Lab or 1 hr
- MAP 4103 Mathematical Modeling I or 3 hrs
- PHI 2011 Formal Logic I or 3 hrs
- PHI 2018 Critical Thinking or 3 hrs
- PHI 3626 Advanced Ethics in Science and Technology or 3 hrs
- PHI 4321 Philosophies of Embodiment: Mind/Body or Self or 3 hrs
- PHI 4500 Metaphysics or 3 hrs
- PSY 4025 The Psychology of Art or 3 hrs
- PSY 3213C Research Methods in Psychology or 5 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 21
Minors

Other Requirements
- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- 18 hours must be taken at the upper division.
- No more than 12 credit hours may be used both toward credit for a major and the cognitive sciences minor.
- At least 15 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study requires prior approval from the advisors to be used toward the minor.

Communication Sciences and Disorders - Minor
College of Health and Public Affairs
Department of Communication Sciences and Disorders,
Health and Public Affairs, Room: 101
http://www.cohpa.ucf.edu/comdis/
Email: csdundergraduate@ucf.edu
Phone: 407-823-4798

Licensed Speech-Language Pathology and Audiology Assistant:
This state license may be obtained by completing the minor. This minor is not available to CSD Majors or those seeking a Language Development and Disorders Certificate.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (24 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 3471</td>
<td>Communication Disorders in Literature and Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 3112</td>
<td>Basic Phonetics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 3112L</td>
<td>Basic Phonetics Lab</td>
<td>1 hr</td>
</tr>
<tr>
<td>1 LIN 3716</td>
<td>Language Development</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 LIN 3716L</td>
<td>Language Development Lab</td>
<td>2 hrs</td>
</tr>
<tr>
<td>SPA 3101</td>
<td>Physiological Bases of Speech and Hearing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 4032</td>
<td>Audiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 4400</td>
<td>Language Disorders Across the Life Span</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 4476</td>
<td>Speech Disorders Across the Lifespan</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1 LIN 3713 is a prerequisite.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 24

Other Requirements
- A minimum grade of "C-" (1.75) is required in all courses used to satisfy the minor.
- Students must earn an overall minimum of 2.0 GPA in the courses used to complete the minor.
- At least 19 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Community Arts - PAVE - Minor
College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
http://svad.cah.ucf.edu/
Phone: 407-823-2676

Minor Admission Requirements
- None

Minor Requirements
- Partners in Art in Visual Education (PAVE)
  - A minor in Community Arts-PAVE is offered for the student who is majoring in Art, Music, Theatre, or English (with a Creative Writing focus). Students interested in the minor should contact the School director.

Prerequisite Courses
- None

Required Courses
- None

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the School of Visual Arts and Design.
- No credit by exam (TSD, Military credit) may be used toward the minor.

Computer Science - Minor
College of Engineering and Computer Science
Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 346
http://www.eecs.ucf.edu
Dr. Mark Llewellyn, markl@cs.ucf.edu
Phone: 407-823-3327

Minor Admission Requirements
- Not open to Computer Engineering, Computer Science or Information Technology majors.

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 3223</td>
<td>Introduction to Programming with C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COP 3330</td>
<td>Object Oriented Programming</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COP 3502C</td>
<td>Computer Science I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COP 3503C</td>
<td>Computer Science II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CDA 3103</td>
<td>Computer Logic and Organization</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select 1: (3 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COT 3100C</td>
<td>Introduction to Discrete Structures or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAD 2104</td>
<td>Foundations of Discrete Math</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18
Other Requirements
- Not open to Computer Engineering, Computer Science or Information Technology majors.
- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 9 hours used in the minor must be earned within Computer Science at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, cooperative education, or Independent Study credit cannot be used toward the minor.

Crime, Law, and Deviance - Minor
College of Sciences
Department of Sociology, Howard Phillips Hall, Room: 403
http://sociology.ucf.edu
Dr. J. Jasinski, sociology@ucf.edu, 407-823-3744

The Crime, Law, and Deviance minor examines matters of sociological interest related to the study and understanding of deviant, delinquent, and criminal behavior, the relationship between law and society, and victimology. The minor facilitates an understanding of crime and deviance from a sociological perspective and prepares students for careers and graduate school in related fields.

Minor Admission Requirements
- The minor is not open to Sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other Sociology minors.

Minor Requirements
- Students must earn a minimum GPA of at least 2.0 in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department of Sociology.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (6 hrs)
- SYP 3520  Criminology
- Required: Complete one of the following:
  - SYG 2000  Introduction to Sociology
  - SYG 2010  Social Problems

Restricted Electives (12 hrs)
- Select from the following:
  - SYP 3510  Sociology of Deviant Behavior
  - SYP 3511  Sociology of Murder
  - SYP 3540  Sociology of Law
  - SYP 3562  Patterns of Domestic Violence in Society
  - SYP 4514  Patterns of Violence in Society
  - SYP 4521  Crime Victims in Society
  - SYP 4536  Gangs and Society

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- Students must earn an overall minimum of 2.0 GPA in the courses used to satisfy the minor.
- Grades less than "C-" (1.75) are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Dance - Minor
College of Arts and Humanities
Department of Theatre, Performing Arts Center, Room: 210A
http://theatre.cah.ucf.edu/
Earl Weaver, Earl.Weaver@ucf.edu, 407-823-2862

Minor Admission Requirements
- A successful audition - contact department for audition dates.

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (11 hrs)
- DAN 3134  Dance History I
- Required: Complete one of the following:
  - DAA 2570C  Jazz Dance I
  - DAA 2571C  Jazz Dance II
  - DAA 2520C  Tap Dance I
  - DAA 2521C  Tap Dance II
  - DAA 3524C  Tap Dance III
  - DAA 2201C  Ballet I
  - DAA 3208C  Ballet II
  - DAA 2101C  Modern Dance I
  - DAA 2200C  Ballet II
  - DAA 3684  Dance Performance

Restricted Electives (7 hrs)
- Select from the following:
  - DAA 3645  Choreography Practicum
  - DAA 3684  Dance Performance
  - TPA 2290L  Theatre Participation-Production I
### Minors

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 18

**Other Requirements**
- Earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- Student must consult dance advisor every semester. Students who do not consult with their dance advisor will be placed on departmental probation for one semester which causes him/her to be ineligible for casting or other production positions. Repeated failure to consult with a department advisor will lead to release from the program.
- At least 14 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Independent Study credit may be used in the minor only with prior written permission.
- Participation on a minimum of one departmental dance concert.
- A minimum of 3 different dance styles must be completed in the minor.

**Digital Humanities - Minor**

**College of Arts and Humanities**

**Department of English, Colbourn Hall, Room: 405**

[http://english.ucf.edu](http://english.ucf.edu)

**Email:** english@ucf.edu

Dr. Mark Kamrath
Phone: 407-823-5596

**Admission Requirements**
- None

**Minor Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses**
- None

**Total Semester Hours Required**
- 18

**Other Requirements**
- A minimum grade of "C" (2.0) or better is required in each course used to satisfy the minor, except in DIG 2000 where a "B" (3.0) or better is required.
- At least 12 hours used in the minor must be earned at UCF within the School of Visual Arts and Design.
- No credit by exam (TSD, Military credit) may be used.
- Internship, cooperative education, or Independent Study credit can be used in the minor only with prior written permission from a school advisor.

**Restricted Electives (6 hrs)**

- Select two courses:
- Or - any 3000 or 4000 level courses approved by the School of Visual Arts and Design.

**Required Courses (12 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIG 2000</td>
<td>Introduction to Digital Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 2030C</td>
<td>Digital Video Fundamentals</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 2109C</td>
<td>Digital Imaging Fundamentals</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 2500C</td>
<td>Fundamentals of Interactive Design</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Technology and Applied Skills (12 hrs)**

Select two from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 4040</td>
<td>Animation Film History for Non Film Majors</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 4780C</td>
<td>Modeling for Realtime Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 4713</td>
<td>Game Design</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 4630C</td>
<td>Media Business Practices</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 4713</td>
<td>Game Design</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 4780C</td>
<td>Modeling for Realtime Systems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 4040</td>
<td>Animation Film History for Non Film Majors</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Theory and Critique (6 hrs)**

Select two from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4644</td>
<td>Viewing American History in the Twentieth Century</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DIG 3024</td>
<td>Digital Cultures &amp; Narrative</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 3417</td>
<td>Literacy and Technology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HIS 4150</td>
<td>History and Historians</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 3323</td>
<td>Minds and Machines: Philosophy of Cognitive Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 3625</td>
<td>Virtual Ethics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 3626</td>
<td>Advanced Ethics in Science and Technology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Diplomacy - Minor**

**College of Sciences**

**Department of Political Science, Phillips Hall, Room: 302**

[http://politicalscience.cos.ucf.edu](http://politicalscience.cos.ucf.edu)

**Department of History, Colbourn Hall, Room: 551**

[http://history.cah.ucf.edu/](http://history.cah.ucf.edu/)

Dr. R. Handberg, 407-823-2608
Dr. J. Sacher, 407-823-2225

In an increasingly shrinking, interdependent world, an understanding of diplomacy and diplomatic processes is critical for work in global business, international organizations and government. Students who complete this minor will gain experience in diplomatic history, concepts, theories, methods, protocol and practice.
Admission Requirements
- None

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the participating departments.

Prerequisite Courses
- Most courses for this minor will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

<table>
<thead>
<tr>
<th>Required Courses (9 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4513 United States as a Great Power: 1945-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4030 Diplomacy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4102 American Foreign Policy</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives (9 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4512 US Diplomatic History: 1914-1945</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3242 Modern Europe and the First World War</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3281 Second World War and Rebirth of Europe</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4574 History of Russia: 1901-1917</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4576 History of Russia in the 20th Century</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4620 European Great Powers: 1815-1914</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4663 History of Communism in Europe</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4054 Global Politics of Energy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4074 Immigration Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4075 Human Rights Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4076 Global Drug Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4104 Topics and Cases in American Foreign Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4114 American Security Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4351 International Environmental Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4401 International Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4502 International Organizations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4603 International Relations Theory</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4714 Politics of International Trade Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>POT 4314 Contemporary Democratic Theory</td>
<td>3 hrs</td>
</tr>
<tr>
<td>POT 4632 Religion and Politics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op or Independent Study credit cannot be used toward the minor.

Diversity and Social Inequality - Minor

College of Sciences
Department of Sociology,
Howard Phillips Hall, Room: 403
http://sociology.ucf.edu

Dr. J. Jasinski, sociology@ucf.edu, 407-823-3744

The Diversity and Social Inequality Minor examines the sociological study of class, status, and power in contemporary global society. The minor facilitates the understanding of social inequalities related to age, gender, race and ethnicity, social class and stratification, sexual orientation, religion, and family. The minor prepares students for careers and graduate school in a variety of fields.

Minor Admission Requirements
- The minor is not open to Sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other Sociology minors.

Minor Requirements
- Students must earn a minimum GPA of at least 2.0 in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department of Sociology.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYO 3530 Social Power and Inequality</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required: Complete one of the following:</th>
<th>(3 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG 2000 Introduction to Sociology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYG 2010 Social Problems</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives (12 hrs)
Select from the following:
- SYD 3800 Sex and Gender in Society
- SYO 4100 Family Trends
- SYO 4200 Religion in Society
- SYD 4810 Women in Contemporary Society
- SYD 4813 Women, Law and Social Change
- SYP 4454 Global Inequality and Society
- SYP 4732 Minority Aging

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op or Independent Study credit cannot be used toward the minor.

Early Childhood Development and Education - Minor

College of Education and Human Performance
School of Teaching, Learning, and Leadership, Education Building, Room: 209
http://education.ucf.edu/ece/
Email: ece@ucf.edu

Dr. Judy Levin, ED 122L, Judith.Levin@ucf.edu
Phone: 407-823-4615

The Early Childhood Development and Education minor is intended to provide a limited, but substantive experience in the fields of development and early childhood education. The minor is intended for University students enrolled outside the Early Childhood Development and Education major and does not lead to teacher certification or admission to the College of Education and Human Performance. The minor is appropriate for students who are seeking an enhanced understanding of education and development or are considering a career working with young children in the fields of early childhood education, social work, psychology or health services. This minor will strengthen the marketability of the student’s major program. This minor is available for students in the 2003 catalog year and beyond.

Minor Admission Requirements
- Completion of an A.A. degree from a Florida public post secondary institution.
- A minimum overall GPA of 2.75.
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.

Minor Requirements
- Must maintain a minimum overall MINOR GPA of 2.75.
- At least 12 hours used in the minor must be earned at UCF.
Minors

■ Once the Early Childhood Development and Education Minor has been declared and approved, Early Childhood Development and Education Minor students must schedule an appointment with their program advisor listed on their ECDE minor DARS Audit.
■ NOTE: Completion of the Early Childhood Development and Education Minor does not complete the requirements for certification in Early Childhood Development.

Prerequisite Courses
■ None

Required Courses (15 hrs)
- EEC 4661 Early Childhood Education Theory and Practice 3 hrs
- RED 3310 Early Reading, Writing and Language Arts 3 hrs
- EEC 4604 Classroom Management and Guidance of Young Children 3 hrs
- EEC 3700 Social and Emotional Development of Young Children 3 hrs
- EEX 3450 Young Children with Special Needs 3 hrs

Restricted Electives (6 hrs)
Choose two:
- EEC 4303 Planning Creative Activities in Early Childhood Education 3 hrs
- EEC 4207 Assessment and Evaluation of Young Children 3 hrs
- EEC 4268 Curriculum Activities in Early Childhood 3 hrs
- EEC 4402 Cultural and Family Systems 3 hrs
- EEC 4414 Parent-Child Relations 3 hrs
- EEC 4744 Child Life: Psychosocial Care of Children in Health Settings 3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 21

Other Requirements
■ None

Economic Policy - Minor
College of Business Administration
Department of Economics, Business Administration II, Room: 305

http://www.bus.ucf.edu/economics
Michael Caputo, BAA 302Q, mccaputo@bus.ucf.edu
David Scrogin, BAA 302U, 407-823-4129
Nora Underwood, BAA 302N, 407-823-1403
Phone: 407-823-3266

For both Business Majors and non-Business Majors. Not open to Economics BA or BSBA majors or Mathematics majors in the Mathematical Economics concentration.

The Economics Policy minor is intended to provide a broad introduction to economic policy issues related to national and international institutions and events. This minor is well-suited for students in Interdisciplinary Studies, International and Global Studies, Journalism, Legal Studies, Political Science, Public Administration, Social Sciences, and Sociology.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (6 hrs)
- ECO 2023 Principles of Microeconomics 3 hrs
- ECO 3203 Intermediate Macroeconomics 3 hrs
- ECO 3101 Intermediate Microeconomics or 3 hrs
- ECO 3223 Money and Banking 3 hrs
- ECO 3203 Intermediate Macroeconomics 3 hrs
- ECO 3704 Global Economic Policy 3 hrs
- ECO 4005 Intermediate Microeconomics 3 hrs
- ECO 3704 Global Economic Policy 3 hrs
- ECO 4303 History of Economic Thought 3 hrs
- ECO 4751 Law and Economics 3 hrs
- ECP 3302 Economics and the Environment 3 hrs
- ECP 3006 Economics of Sports 3 hrs
- ECS 4013 Development Economics 3 hrs

Other ECO, ECP or ECS courses may be applied toward the Minor with the approval of the Department.

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
■ Grades below “C” or “S” grades from other institutions are not accepted.
■ Courses taken at Florida College System institutions do not substitute for upper division courses.
■ Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
■ At least nine hours used in the minor must be earned at UCF within the department.

Economics - Minor
College of Business Administration
Department of Economics, Business Administration II, Room: 305

http://www.bus.ucf.edu/economics
Michael Caputo, BAA 302Q, mccaputo@bus.ucf.edu
David Scrogin, BAA 302U, 407-823-4129
Nora Underwood, BAA 302N, 407-823-1403
Phone: 407-823-3266

For both Business Majors and non-Business Majors.

The Economics Minor is designed to complement a broad range of business and non-business majors. The Minor requires a core of courses in economic theory and applications along with a selection of electives that can be tailored to the student’s personal interests. This Minor is highly recommended for students considering graduate school in business, economics, law or public administration. Not open to students in the Economics (BA) or Economics (BSBA). Not open to students in the Mathematical Economics concentration of the Mathematics (BS) major.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (9 hrs)
- ECO 2013 Principles of Macroeconomics 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs
- ECO 3101 Intermediate Microeconomics 3 hrs
- ECO 3203 Intermediate Macroeconomics 3 hrs

Select 1: 3 hrs
- ECO 3101 Intermediate Microeconomics 3 hrs
- ECO 3203 Intermediate Macroeconomics 3 hrs

Restricted Electives (12 hrs)
Select 4:
- ECO 3223 Money and Banking 3 hrs
- ECO 3704 Global Economic Policy 3 hrs
- ECO 4303 History of Economic Thought 3 hrs
- ECO 4751 Law and Economics 3 hrs
- ECP 3302 Economics and the Environment 3 hrs
- ECP 3006 Economics of Sports 3 hrs
- ECS 4013 Development Economics 3 hrs

Other ECO, ECP or ECS courses may be applied toward the Minor with the approval of the Department.
### Minors

#### Education - Minor

**College of Education and Human Performance**  
School of Teaching, Learning, and Leadership,  
Education Building, Room: 220B  
[http://education.ucf.edu/edminor](http://education.ucf.edu/edminor)  
Dr. W. Scott Wise, ED 220B, wwise@ucf.edu  
Phone: 407-823-1502

The Education minor is intended to provide for university students outside the College of Education and Human Performance a limited but substantial experience in the fields of professional education. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the high school setting, but does not directly qualify students for teacher certification or admission into the College of Education and Human Performance. This minor is available for students in the 2007 catalog year and beyond.

**Minor Admission Requirements**  
- Have a minimum 2.5 overall GPA  
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from an approved Florida College System or State University System institution.

**Minor Requirements**  
- None

**Prerequisite Courses**  
- None

**Required Courses**  
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools  
- 3 hrs  
- EDF 4467 Learning Theory and Assessment  
- 3 hrs  
- EDG 4410 Teaching Strategies and Classroom Management  
- 3 hrs  
- RED 4043 Content Reading in Kindergarten through Grade 12  
- 3 hrs  
- TSL 4080 Theory and Practice of Teaching ESOL Students in Schools  
- 3 hrs

**Restricted Electives**  
- Select one  
  - MAE 4634 Programs in Teaching of Mathematics  
  - 3 hrs  
  - SSE 4936 Programs in Teaching Social Science  
  - 3 hrs  
  - LAE 4342 Programs in Teaching Language and Composition  
  - 3 hrs  
  - LAE 4464 Survey of Adolescent Literature  
  - 3 hrs  
  - SCE 4361 Programs in Teaching Science  
  - 3 hrs  
  - PET 4710 Methods for Physical Activity for Children and Adolescents  
  - 3 hrs

**Total Semester Hours Required**  
- 15 hrs

**Other Requirements**  
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.  
- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.  
- A minimum GPA of 2.5 of all Gordon Rule classes is required.  
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.

**NOTE:**  
Completion of the minor does not complete the requirements for teacher certification nor does it constitute admission to the College of Education and Human Performance.  
Students may enroll in the Education Minor or a Minor in a Content Area, but not both.

#### Emergency Management and Homeland Security - Minor

**College of Health and Public Affairs**  
School of Public Administration,  
Health and Public Affairs II, Room: 238  
Email: pa/ba/ba@ucf.edu  
Dr. Claire Knox, 407-823-2604

The minor in emergency management and homeland security provides students with an opportunity to comprehensively study the disaster management cycle, including emergency planning, mitigation, response and recovery. In an age of dense population, increased terrorism, unpredictable weather and high public expectations of risk reduction and public leadership, this is an exciting area of study. Students who complete a minor in emergency management and homeland security gain additional insight and knowledge that will help them find positions in various federal, state and local government or nonprofit organizations. Some of these may include the Health and Human Services Agency (HHS), the Environmental Protection Agency (EPA), the Occupational Health and Safety Administration (OSHA), the Federal Emergency Management Agency (FEMA), the Department of Homeland Security (DHS), American Red Cross, and state and local homeland security agencies.

**Minor Admission Requirements**  
- None

**Minor Requirements**  
- None

**Prerequisite Courses**  
- None

**Required Courses**  
- PAD 4822 Intergovernmental Administration  
- 3 hrs  
- PAD 4392 Emergency Management and Homeland Security  
- 3 hrs  
- PAD 4712 Information Systems for Public Managers and Planners  
- 3 hrs  
- PAD 4395 Disaster Response and Recovery  
- 3 hrs  
- PAD 4390 Hazard Mitigation and Preparedness  
- 3 hrs

**Restricted Electives**  
- Select 1:  
  - DSC 4012 Terrorism or  
  - 3 hrs  
  - DSC 4013 Homeland Security and Criminal Justice  
  - 3 hrs

**Total Semester Hours Required**  
- 18

**Other Requirements**  
- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.  
- A minimum GPA of 2.5 of all Gordon Rule classes is required.  
- At least 12 hours used in the minor must be earned at UCF.  
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.

**NOTE:**  
Completion of the minor does not complete the requirements for teacher certification nor does it constitute admission to the College of Education and Human Performance.  
Students may enroll in the Education Minor or a Minor in a Content Area, but not both.
Minors

Other Requirements
- Grades below “C” (2.0) or “S” grades are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department.
- Internship or Independent Study cannot be used toward the minor.
- Students must earn a “C” (2.0) or better in each course in the minor.

Energy and Sustainability - Minor
College of Engineering and Computer Science
Engineering, Room: 107
CECS Academic Affairs
http://www.cecs.ucf.edu
Paul Edlen, paul.edlen@ucf.edu, 407-823-2455

Participants in this minor will acquire knowledge in technical, economic and policy issues related to sustainable energy generation, conservation, management and utilization. Those completing the minor will be able to improve their understanding, awareness and job skills to have additional opportunities and advantages to pursue a career in the emerging energy sector.

Minor Admission Requirements
- A minimum GPA of 2.25 is required for acceptance into this minor degree program.

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- IDS 3150 Foundations of Environmental Studies 3 hrs
- EGS 4710 Energy and Society 3 hrs
- IDS 4204C Advanced Topics on Energy and Sustainability 3 hrs

Select 1: 3 hrs
- GEB 4152 Tech Innovation & Entrepreneurship or 3 hrs
  ^ IDS 4949 Cooperative Education 0 hrs

^ Proposals must be approved by the Energy and Sustainability minor program coordinator in cooperation with faculty from the Office of Experiential Learning.

Restricted Electives (6 hrs)
- Select any two elective courses from the following courses:
  - Energy Systems Design
    - EEL 4216 Fundamentals of Electric Power Systems 3 hrs
    - EML 4411 Mechanical Power Systems or 3 hrs
    - EML 4454 Turbines for Sustainable Power or 3 hrs
    - EML 4600 HVAC Systems Engineering or 3 hrs
    - EML 4602 Applied HVAC Engineering 3 hrs
  - Water, Environment and Waste Management
    - ENV 3001 Introduction to Environmental Engineering or 3 hrs
    - ENV 4120 Air Pollution Control or 3 hrs
    - ENV 4341 Solid & Hazardous Waste Management or 3 hrs
    - ENV 4561 Environmental Engineering Operations & Processes II 3 hrs
  - Business and Public Policy
    - ECP 3302 Economics and the Environment or 3 hrs
    - ECP 4303 Environmental and Natural Resource Economics or 3 hrs
    - REE 3614 Environmental Issues for Real Estate 3 hrs
  - Social and Ethical Dimensions
    - INR 4350 Global Environmental Politics or 3 hrs
    - INR 4351 International Environmental Law or 3 hrs
    - PAD 4351 Issues in Environmental Program Management or 3 hrs
    - PHI 3640 Environmental Ethics or 3 hrs

PLA 4554 Environmental Law or 3 hrs
PUP 3203 Environmental Politics or 3 hrs
PUP 4209 Urban Environmental Policy or 3 hrs
SYD 4510 Environment and Society 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum grade of “C” (2.0) or better in all courses in the minor.
- A cumulative GPA of 2.5 is required to successfully complete the minor.

Engineering Leadership - Minor
College of Engineering and Computer Science
Dr. Timothy Kotnour, Timothy.Kotnour@ucf.edu, 407-823-5645

Provides a knowledge base in technical leadership and management principles and practices in a technical environment. This certificate is designed to enhance the student’s marketability, preparation and career viability as they enter the engineering and computer science professions.

Minor Admission Requirements
- Students must have a declared Computer Science or engineering major. Not open to students in engineering pending majors.

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (19 hrs)
- Discipline specific design course in engineering or Computer Science 3 hrs
- LDR 2001 Foundations of Leadership 2 hrs
- LDR 2002 Intermediate Foundations of Leadership 2 hrs
- MAN 3025 Management of Organizations 3 hrs
- PHI 3638 Ethical Issues in the 21st Century 3 hrs
- EGS 3030 Leadership in Engineering I 0 hrs
- EGS 3031 Leadership in Engineering II 0 hrs
- EGS 4950 Engineering Leadership Capstone 3 hrs

Pick one of the following 3 hrs
- MAR 3391 Professional Selling or 3 hrs
- GEB 4152 Tech Innovation & Entrepreneurship 3 hrs

^ Engineering Leadership Capstone

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 19

Other Requirements
- Students must have a minimum grade of “C” (2.0) or satisfactory (in eligible courses) in all courses in the minor.
- Not open to students seeking the Engineering Leadership Certificate.
- Any course substitution must be approved by the Associate Dean responsible for Undergraduate Curriculum within CECS.
Minors

English - Creative Writing - Minor
College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://english.ucf.edu/
Email: english@ucf.edu
Dr. Patrick Murphy, 407-823-5596

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (6 hrs)
CRW 3013 Creative Writing for English Majors 3 hrs
CRW 3053 Theory & Practice of Creative Writing 3 hrs

Restricted Electives (6 hrs)
Select one course after completing CRW 3013
CRW 3120 Fiction Writing Workshop 3 hrs
CRW 3211 Creative Nonfiction Writing 3 hrs
CRW 3310 Poetry Writing Workshop 3 hrs
CRW 3610 Writing Scripts 3 hrs

Select one course
CRW 4122 Advanced Fiction Writing Workshop 3 hrs
CRW 4224 Advanced Nonfiction Workshop 3 hrs
CRW 4320 Advanced Poetry Writing Workshop 3 hrs
CRW 4616 Advanced Scriptwriting Workshop 3 hrs

Please note that students will be allowed to take only one course in each of the above categories. Students wishing to take more workshop courses should consider a double major.

Restricted Upper Division Electives--select 9 hrs
three courses
CRW 3311 Structure of Verse 3 hrs
CRW 3540 Literary Magazines 3 hrs
CRW 4114 History of Prose Style 3 hrs
CRW 4174 The Florida Review 3 hrs
CRW 4014 The Writing Life 3 hrs
ENC 3310 Magazine Writing I 3 hrs
CRW 4722 Editing for Creative Writers 3 hrs
CRW 6808C Teaching Creative Writing 3 hrs
Any other CRW elective or Special Topics course 3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 21

Other Requirements
■ A grade of “C” (2.0) or better is required in each course used to satisfy the minor.
■ At least 15 hours used in the minor must be earned at UCF within the department.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor.

English - Linguistics - Minor
College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://english.ucf.edu/
Email: english@ucf.edu
Dr. Patrick Murphy, 407-823-5596

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (9 hrs)
LIN 3010 Principles of Linguistics 3 hrs
LIN 4105 History of the English Language 3 hrs
LIN 4680 Modern English Grammar 3 hrs

Restricted Electives (9 hrs)
LIN 4643 Cross Cultural Communication 3 hrs
LIN 4660 Linguistics and Literature 3 hrs
LIN 4801 Language and Meaning 3 hrs
LIN 5137 Linguistics 3 hrs
ANT 3610 Language and Culture 3 hrs
PHI 4430 Philosophy of Science 3 hrs
PHI 4221 Philosophy of Language 3 hrs
SPA 3112 Basic Phonetics 3 hrs
Or any course approved by the Linguistics Committee 3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A grade of “C” (2.0) or better is required in each course used to satisfy the minor.
■ At least 15 hours used in the minor must be earned at UCF within the department.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor.

English - Literature - Minor
College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://english.ucf.edu/
Email: english@ucf.edu
Dr. Patrick Murphy, 407-823-5596

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (3 hrs)
1 ENG 3014 Theories and Techniques of Literature Study 3 hrs
1 PR for all 4000 level AML, ENG, ENL, and LIT courses

Restricted Electives (18 hrs)
■ English courses with AML, ENG, ENL, or LIT prefixes chosen by student and departmental advisor.

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 21

Other Requirements
■ A grade of “C” (2.0) or better is required in each course used to satisfy the minor.
■ At least 12 hours used in the minor must be earned at UCF within the department, and must be regularly scheduled, upper level courses.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor.
### Minors

**English - Technical Communication - Minor**

**College of Arts and Humanities**

**Department of English, Colbourn Hall, Room: 405**


**Email:** english@ucf.edu

Dr. Patrick Murphy, 407-823-5596

### Minor Admission Requirements
- None

### Minor Requirements
- None

### Prerequisite Courses
- None

### Required Courses (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 4215</td>
<td>Technical Publication and Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ENC 4218</td>
<td>The Visual in Technical Documentation</td>
<td>3</td>
</tr>
<tr>
<td>ENC 4293</td>
<td>Documentation and the Collaborative Process</td>
<td>3</td>
</tr>
<tr>
<td>ENC 4294</td>
<td>Documentation and Client-Based Collaboration</td>
<td>3</td>
</tr>
<tr>
<td>ENC 4280</td>
<td>Technical Writing Style</td>
<td>3</td>
</tr>
<tr>
<td>ENC 3241</td>
<td>Writing for the Technical Professional</td>
<td>3</td>
</tr>
</tbody>
</table>

- Students completing the minor may intern with a Central Florida corporation

### Restricted Electives
- None

### Foreign Language Requirements
- None

### Total Semester Hours Required
- 18

### Other Requirements
- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

### English Language Arts Education - Minor

**College of Education and Human Performance**

**School of Teaching, Learning, and Leadership, Education Building, Room: 209**


Dr. Jeff Kaplan, ED 122B, Jeffrey.Kaplan@ucf.edu

Phone: 407-823-2041

The English Language Arts Education minor is intended for non-English Language Arts Education majors. It is well suited for students majoring in another secondary content area or as an area for students enrolled in Interdisciplinary Studies. This minor is available for students in the 2008 catalog year and beyond.

### Minor Admission Requirements
- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

### Minor Requirements
- None

### Prerequisite Courses
- None

### Required Courses (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDG 4410</td>
<td>Teaching Strategies and Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4467</td>
<td>Learning Theory and Assessment</td>
<td>3</td>
</tr>
</tbody>
</table>

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.

### Restricted Electives
- None

### Foreign Language Requirements
- None

### Total Semester Hours Required
- 18

### Other Requirements
- Students must complete 18 hrs of courses in English Language Arts as co-requisites
- Obtain a minimum 2.5 GPA in courses required for minor
- At least 12 hours in the minor must be earned at UCF

### Entrepreneurship - Minor

**College of Business Administration**

**Department of Management, Business Administration I, Room: 309**


Dr. Cameron Ford, cford@ucf.edu

Phone: 407-823-5569

For both Business Majors and non-Business Majors.

The entrepreneurship minor provides students from all academic disciplines with entrepreneurial skills needed to create successful startup ventures, innovative corporate initiatives, and impactful non-profit organizations. This minor serves as a great complement to majors in all disciplines by preparing students to recognize opportunities, organize resources, and produce results. These capabilities promote leadership potential and professional success in any career, and are sought after by small and large organizations that need employees capable of creating and managing innovative new initiatives.

### Minor Admission Requirements
- None

### Minor Requirements
- None

### Prerequisite Courses
- None

### Required Courses (15 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 3113</td>
<td>Creativity and Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>GEB 4110</td>
<td>Business Plan Preparation</td>
<td>3</td>
</tr>
<tr>
<td>GEB 4111</td>
<td>New Venture Finance</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4802</td>
<td>New Venture and Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>MAR 3765</td>
<td>Entrepreneurial Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

- Students should see an advisor prior to registering for classes
- Students must complete 18 hrs of courses in English Language Arts as co-requisites
- Obtain a minimum 2.5 GPA in courses required for minor
- At least 12 hours in the minor must be earned at UCF

### Restricted Electives
- None

### Foreign Language Requirements
- None

### Total Semester Hours Required
- 18

### Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.

---

**TSL 4080** Theory and Practice of Teaching ESOL 3 hrs

**RED 4043** Content Reading in Kindergarten through Grade 12 3 hrs

**LAE 4360** English Instructional Analysis through Grade 12 3 hrs

**LAE 4342** Programs in Teaching Language and Composition 3 hrs
Minors

Restricted Electives (18 hrs)

Required Courses (3 hrs)
in any of these courses requiring a prerequisite.

Prerequisite Courses

Minor Requirements

Minor Admission Requirements

None

Prerequisite Courses

Note: It is the student’s responsibility to ensure that prerequisite courses have been completed before enrolling in any of these courses requiring a prerequisite.

Required Courses (3 hrs)
IDS 3150 Foundations of Environmental Studies 3 hrs

Restricted Electives (18 hrs)

Science & Environmental Electives 9 hrs
BOT 312C Local Flora 3 hrs
BOT 3802 Ethnobotany 3 hrs
BOT 4303C Plant Kingdom 3 hrs
BOT 4713C Plant Taxonomy 5 hrs
BSC 4312C Advanced Marine Biology 4 hrs
CEE 3008 Oceanography 3 hrs
PCB 3044 Principles of Ecology 3 hrs
PCB 3442 Aquatic Ecology 3 hrs
PCB 4683 Evolutionary Biology 3 hrs
CHM 3120 Analytical Chemistry 3 hrs
HSC 4500 Epidemiology 3 hrs
ENV 3001 Introduction to Environmental Engineering 3 hrs
ENV 4341 Solid & Hazardous Waste Management 3 hrs
PCB 3063 Genetics 3 hrs
PCB 3044L Principles of Ecology Laboratory 1 hr

Social & Humanities Electives 9 hrs
INR 4351 International Environmental Law 3 hrs
PUP 3203 Environmental Politics 3 hrs
PUP 4503 Government and Science 3 hrs
PAD 4351 Issues in Environmental Program Management 3 hrs
PAD 3330 Urban and Regional Planning 3 hrs
PUP 3204 Sustainability 3 hrs
GEO 2370 Resources Geography 3 hrs
GIS 3043C GIS for Environmental Studies 3 hrs
GIS 4301C Advanced GIS Applications in Environmental Studies 4 hrs

Other Requirements

Foreign Language Requirements

None

Total Semester Hours Required
21

PHI 3033 Philosophy, Religion, and the Environment 3 hrs
PHI 4400 Philosophy of Science 3 hrs
PHI 3640 Environmental Ethics 3 hrs
PHI 4633 Ethics and Biological Science 3 hrs
PHM 4031 Environmental Philosophy 3 hrs
PLA 4554 Environmental Law 3 hrs
1 ECP 3302 Economics and the Environment 3 hrs
1 ECP 4303 Environmental and Natural Resource Economics

1 Only one of these two courses may be used to fulfill these restricted electives

European Studies - Minor

College of Sciences
Department of Political Science, Howard Phillips Hall,
Room: 302
http://www.cos.ucf.edu/politicalscience
Email: politics@mail.ucf.edu
Dr. Kerstin Hamann
Phone: 407-823-2608

An interdisciplinary minor that offers students a general background of the politics, history, literature, art, and culture of Europe with an emphasis on the post-World War II period. Courses are to be selected in consultation with a departmental advisor or the Director of European Studies.

Minor Admission Requirements

None

Minor Requirements

A grade of “C” (2.0) or better is required for all courses with equivalents used in the minor.

At least 15 credit hours used in the minor must be upper division.

At least 15 credits used in the minor must be earned at UCF.

No credit by exam (TSD, Military credit) may be used.

Internship or Independent Study require prior approval of the Interdisciplinary Studies advisers to be used toward the minor.

Internship, Independent study, and co-op credit cannot be used in this minor without prior approval from the Interdisciplinary Studies advisers.

Prerequisite Courses

Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (6 hrs)
CPO 4101 Politics of the European Union 3 hrs
LIT 3082 Continental European Fiction Since 1900 3 hrs

Restricted Electives (15 hrs)

Course substitutions are subject to prior approval by the director.
**Minors**

**Literature, Film, and Culture:**

<table>
<thead>
<tr>
<th>Select from the following courses:</th>
<th>3 hrs</th>
</tr>
</thead>
</table>

- **English:**
  - ENL 2022  English Literature II or 3 hrs
  - ENL 4101  English Novel or 3 hrs
  - ENL 4240  English Romantic Writers or 3 hrs
  - ENL 4262  Nineteenth Century British Prose or 3 hrs
  - ENL 4273  Modern British Literature or 3 hrs
  - FIL 3520  Italian Film or 3 hrs
  - FIL 3822  French Film or 3 hrs
  - FIL 3823  German Film or 3 hrs
  - FIL 3824  Italian Neo-Realist Cinema or 3 hrs
  - FRE 4500  French Civilization and Culture or 3 hrs
  - FRW 3370  Short Stories of 18th, 19th and 20th Centuries or 3 hrs

**Political Science or Economics:**

<table>
<thead>
<tr>
<th>Select from the following courses:</th>
<th>3 hrs</th>
</tr>
</thead>
</table>

- ENL 4262  Nineteenth Century British Prose or 3 hrs
- ENL 4273  Modern British Literature or 3 hrs
- FIL 3520  Italian Film or 3 hrs
- FIL 3822  French Film or 3 hrs
- FIL 3823  German Film or 3 hrs
- FIL 3824  Italian Neo-Realist Cinema or 3 hrs
- FRE 4500  French Civilization and Culture or 3 hrs
- FRW 3370  Short Stories of 18th, 19th and 20th Centuries or 3 hrs
- INR 4035  International Political Economy or 3 hrs

**Other areas:**

- Foreign Language Requirements
  - Two years (four semesters) or equivalent proficiency exam in French, German, Greek, Italian, Portuguese, Russian, or Spanish (other languages require approval of director).

**Total Semester Hours Required**

- 21

**Event Management - Minor**

Rosen College of Hospitality Management

Department of Tourism Event and Attractions

9907 Universal Blvd. Orlando, FL 32819

http://www.hospitality.ucf.edu

Email: Hospitality@ucf.edu

Phone: (407) 903-8000

The Event Management Minor is open to any degree seeking student in the College of Arts and Humanities. This minor is well suited and intended for students who have interest in the field of the performing arts (Music, Arts, and Theater). The Event Management minor is geared to expose and increase students’ knowledge base of the growing hospitality and event industries. This program teaches students how to strategically promote various types of events and how to identify potential risk while planning and executing an event(s). Students will be able to individualize their minor by the option to choose two restricted event management electives focused toward their career interest.

**Admission Requirements**

- Major within the College of Arts & Humanities.

**Minor Requirements**

- None

**Prerequisite Courses**

- Students who have not completed the prerequisites should contact the Instructor for consent to enroll.

**Required Courses**

<table>
<thead>
<tr>
<th>(12 hrs)</th>
</tr>
</thead>
</table>

- HFT 2750  The Event Industry 3 hrs
- HFT 3573  Event Design, Production & Technology 3 hrs
- HFT 3512  Event Promotion 3 hrs
- HFT 3670  Hospitality and Event Risk Management 3 hrs
- HFT 2750 is the prerequisite course for all upper level Event Management courses.

**Restricted Electives**

<table>
<thead>
<tr>
<th>(6 hrs)</th>
</tr>
</thead>
</table>

- Select 2: 6 hrs

- 1 HFT 3519  Event Services or 3 hrs
- 1 HFT 3523  Event Sales or 3 hrs
- HFT 3741  Meeting Management or 3 hrs
- HFT 3798  Fairs and Festivals or 3 hrs
- HFT 4795  Entertainment Arts and Events or 3 hrs
- HFT 4796  International Events or 3 hrs

1 Prerequisite is HFT 3519.

**Foreign Language Requirements**

- None
Exceptional Student Education - Minor
College of Education and Human Performance
Department of Child, Family and Community Sciences,
Education Complex, Room: 315P
http://education.ucf.edu/academics_minors.cfm
Dr. Maria Reyes-MacPherson, Program Coordinator,
maria.reyes-macpherson@ucf.edu

The Exceptional Student Education minor is intended to provide a limited, but substantive experience in the fields of education and exceptional children. The minor does not lead to teacher certification or admission to the College of Education and Human Performance. The minor is appropriate for students who are seeking an enhanced understanding of education or are considering a career in the fields of education or exceptional education. This minor will strengthen the marketability of the student’s major program.

Minor Admission Requirements
- Minimum 2.5 overall GPA
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.

Minor Requirements
- Students must earn a “C” (2.0) in all minor courses.
- Students must choose an elementary, early childhood or secondary focus.

Prerequisite Courses
- None

Required Courses (12 hrs)
- EEX 4601 Introduction to Behavior Management 3 hrs
- EEX 4763 Technology for Classroom Teachers of Students with Special Needs 3 hrs
- EEX 3221 Assessment of Exceptional Students 3 hrs
- EEX 4066 Curriculum, Theory and Instructional Strategies for Students with Special Needs 3 hrs

Restricted Electives (6 hrs)
- Choose Early Childhood Restricted Electives OR Elementary Restricted Electives OR Secondary Restricted Electives

Early Childhood Restricted Electives
- EEX 3450 Young Children With Special Needs 3 hrs
- EEX 3241 Methods for Academic Skills for Exceptional Students 3 hrs

Elementary Restricted Electives
- EEX 4070 Teaching Exceptional Students 3 hrs
- EEX 3241 Methods for Academic Skills for Exceptional Students 3 hrs

Secondary Restricted Electives
- EEX 4924 Teaching Exceptional Students in Secondary Settings 3 hrs
- EEX 3243 Techniques for Exceptional Adolescents - Adults 3 hrs

Foreign Language Requirements
- None

Film - Cinema Studies - Minor
College of Arts and Humanities
School of Visual Arts and Design,
Nicholson School of Communication, Room: 121
http://svad.cah.ucf.edu/
Email: svadadvising@ucf.edu
Phone: 407-823-2676

Minor Admission Requirements
- Completion of a Minor Declaration form

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- FIL 2030 History of Motion Pictures 3 hrs
- FIL 3006 Art of the Cinema 3 hrs
- FIL 2423 Foundations of Production 3 hrs

Select 1:
- FIL 1007 Foundations of Story or 3 hrs
- FIL 1000 Cinema Survey 3 hrs

Restricted Electives (6 hrs)
- Choose Two
- FIL 3880C Images of Women in Film 3 hrs
- FIL 3051 Avant-Garde Cinema 3 hrs
- FIL 3820 Italian Film 3 hrs
- FIL 3845 World Cinema Traditions 3 hrs
- FIL 3841 French New Wave Cinema 3 hrs
- FIL 3824 Italian Neo-Realist Cinema 3 hrs
- FIL 3822 French Film 3 hrs
- FIL 3823 German Film 3 hrs
- FIL 3831 Black Cinema 3 hrs
- FIL 3826 American Cinema 3 hrs
- FIL 3871 The American Film Artist 3 hrs
- FIL 4647 Film Production Management 3 hrs
- FIL 3847 Latin American Cinema 3 hrs
- FIL 3363C Film Documentary 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum GPA of 2.5 in all Gordon Rule classes including ENC 1101, 1102, and two college level math courses, MAC 1105C or higher, are required.
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.
- Note: Completion of the minor does not complete the requirements for certification in Exceptional Student Education nor does it constitute admission in the College of Education and Human Performance.
Minors

Finance - Minor
College of Business Administration  
Department of Finance,  
Business Administration I, Room: 409  
Students seeking advising must go to BA 2 Room 101.  
http://web.bus.ucf.edu/academics/finance/  
Open to business and non-business students. Not available to finance majors.  

Minor Admission Requirements  
- None  

Minor Requirements  
- None  

Prerequisite Courses  
- ACG 2021 Principles of Financial Accounting 3 hrs  
- ECO 2023 Principles of Microeconomics 3 hrs  

Required Courses  
- FIN 2100 Personal Finance and Investments 3 hrs  
- FIN 3403C Business Finance 3 hrs  
- FIN 3303 Financial Markets 3 hrs  

Restricted Electives  
- FIN 3414 Intermediate Corporate Finance or 3 hrs  
- FIN 3461 Financial Statement Analysis or 3 hrs  
- FIN 3504 Investment Analysis or 3 hrs  
- FIN 4324 Commercial Bank Management or 3 hrs  
- FIN 4453 Financial Models or 3 hrs  
- FIN 4514 Portfolio Analysis and Management or 3 hrs  
- FIN 4533 Financial Derivatives or 3 hrs  
- FIN 4604 International Financial Management 3 hrs  

Foreign Language Requirements  
- None  

Total Semester Hours Required  
- 18  

Other Requirements  
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.  
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.  
- Courses taken at Florida College System institutions do not substitute for upper division courses.  
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.  
- At least nine hours used in the minor must be earned at UCF during the time the student is enrolled.  
- No credit by exam (TSD, Military credit) may be used.  
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.  
- A maximum of 6 hours of the above listed required or elective courses can count toward another major or minor degree program.  

Fitness Training - Minor  
College of Education and Human Performance  
Department of Educational and Human Sciences,  
Education Building, Room: 209  
Patty Lanier, Patty.Lanier@ucf.edu, 407-823-0623  
The Fitness Training minor is for students interested in working in wellness centers as personal trainers. This minor provides the knowledge and experiences to be successful in this growing and exciting area. The goal is to provide guided practical skills application to those students who wish to teach fitness related concepts to individuals and/or groups. With the knowledge acquired from the completion of the required coursework for the Fitness Training Minor, students will be prepared and eligible to seek industry certification in the Sport and Fitness Profession. This Minor is available for students in the 2001 catalog year and beyond.  

Minor Admission Requirements  
- Have a minimum 2.5 overall GPA  

Minor Requirements  
- No grades below “C” (2.0) and no “S” grades will be accepted.  
- At least 12 hours used in the minor must be earned at UCF.  
- An overall GPA of 2.5 is required to satisfy the minor.  

Prerequisite Courses  
- BSC 2010C Biology I (or equivalent) 4 hrs  
- ZOO 3736C Exercise Physiology Anatomy (or equivalent) 4 hrs  

Required Courses  
- PET 4312C Kinesiology/Biomechanics 3 hrs  
- PET 4500C Assessment and Evaluation in Exercise Science 3 hrs  
- APK 4110C Exercise Physiology 3 hrs  
- PET 3361 Nutrition and Metabolism in Sport and Exercise Science 3 hrs  

Restricted Electives  
- Select 2: 6 hrs  
- PET 3771 Strength and Conditioning Concepts or 3 hrs  
- PET 3768 Group Exercise Instruction or 3 hrs  
- PET 4215 Motivational Aspects of Athletic Performance or 3 hrs  
- PET 3125 Fitness and Weight Management or 3 hrs  
- PET 4552 Exercise Prescription for Special Populations 3 hrs  

Foreign Language Requirements  
- None  

Total Semester Hours Required  
- 18  

Other Requirements  
- No credit by exam (TSD, Military credit) may be used.  
- Internship or Independent Study credit cannot be used toward the minor.  

Florida Studies - Minor  
College of Arts and Humanities  
Department of English, Colbourn Hall, Room: 405  
http://english.ucf.edu  
Email: english@ucf.edu  
Dr. Patrick Murphy, 407-823-5596  

Admission Requirements  
- None  

Minor Requirements  
- A grade of “C” (2.0) or better is required for all courses counting towards the minor.  
- At least 12 hours used in the minor must be taken at UCF.  
- No credit by exam (TSD, Military credit) may be used.  
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.  
- No more than 3 credit hours may overlap with any other major or minor.  

Prerequisite Courses  
- Students are responsible for meeting any prerequisites for the courses in the minor or for obtaining course instructor permission if prerequisites are not met.  

Required Courses  
- None  

Restricted Electives  
- Select 3: 9 hrs  
- AMH 3422 Frontier Florida 3 hrs  
- AMH 3425 Sunbelt Florida 3 hrs  
- AMH 4376 U.S. Space History 3 hrs
AML 4261  Literature of the South  3 hrs
AML 4265  Florida Writers  3 hrs
ANT 3158  Florida Archaeology  3 hrs
ANT 3393  American Indian Literature and Culture in Florida  3 hrs
ANT 3398  Black/Seminole Relations  3 hrs
ANT 4303  Anthropology of Tourism  3 hrs
LAH 4136  Colonial Florida  3 hrs
POS 3173  Southern Politics  3 hrs
POS 3182  Florida Politics  3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ None

French - Minor
College of Arts and Humanities
Department of Modern Languages and Literatures, Colbourn Hall, Room: 523
http://mll.cah.ucf.edu/
Email: flfacult@ucf.edu
407-823-2472

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses
■ None

Restricted Electives (18 hrs)
■ Select six upper division courses in French, including the 3000-level advanced oral communication and composition courses.
■ A native or near-native speaker must substitute an alternate upper division course for the advanced oral communication course.
■ Approval of a departmental advisor is required prior to registration.

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A grade of “C” (2.0) or better is required in all courses used to satisfy the minor.
■ At least 15 hours used in the minor must be earned at UCF within the department.
■ No credit exam (TSD, Military credit) may be used.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental permission.

Global Peace and Security Studies - Minor
College of Sciences
Department of Political Science, Phillips Hall, Room: 302
http://politicalsecience.cos.ucf.edu
Department of History, Colbourn Hall, Room: 551
http://history.cah.ucf.edu
Dr. P. Vasquez, 407-823-2608
Dr. J. Sacher, 407-823-2225

In the face of some of the most complicated international peace and security challenges and opportunities that the global community has ever encountered, the ability to understand the factors that contribute to conflict and conflict-resolution is vitally important. Students who complete this minor will gain experience in the history of war and society, U.S. and international security policy, and causes of war.

Admission Requirements
■ None

Minor Requirements
■ A minimum GPA of 2.0 is required in all courses used to satisfy the minor
■ Students majoring in history or political science can take no more than 3 hrs of electives in their major department.

Prerequisite Courses
■ Students must satisfy each course’s prerequisite before enrolling in the class

Required Courses (6 hrs)
EUH 3651  War and Society  3 hrs
INR 4060  Causes of War  3 hrs

Restricted Electives (12 hrs)
AMH 3547  U.S. Military History Since 1900  3 hrs
AMH 4513  United States as a Great Power: 1945-Present  3 hrs
ASH 3223  The Modern Middle East  3 hrs
ASH 4243  History of Iraq  3 hrs
ASH 4404  Modern China  3 hrs
DSC 4012  Terrorism  3 hrs
CPO 3403  Politics of the Middle East  3 hrs
CPO 4784  Political and Economic Inequality in Comparative Perspective  3 hrs
EUH 3242  Modern Europe and the First World War  3 hrs
EUH 3281  Second World War and Rebirth of Europe  3 hrs
EUH 4284  Fascism and Nazism in the Interwar  3 hrs
EUH 4663  History of Communism in Europe  3 hrs
IDS 4315  Global Perspectives  3 hrs
INR 3253  International Politics of Africa  3 hrs
INR 4011  Politics of Globalization  3 hrs
INR 4030  Diplomacy  3 hrs
INR 4063  The Cold War  3 hrs
INR 4060  Causes of War  3 hrs
INR 4075  Human Rights Policy  3 hrs
INR 4084  Politics of International Terrorism  3 hrs
INR 4102  American Foreign Policy  3 hrs
INR 4114  American Security Policy  3 hrs
INR 4115  Strategic Weapons and Arms Control  3 hrs
INR 4224  Contemporary International Politics of Asia  3 hrs
INR 4243  International Politics of Latin America  3 hrs
INR 4304  Issues in International Public Policy  3 hrs
INR 4335  Coercion in International Politics  3 hrs
INR 4364  The Intelligence Community  3 hrs
INR 4774  Military Space Policy  3 hrs
LAH 3200  Modern Latin America  3 hrs
PLA 4583  Cyber Law I  3 hrs
POS 3253  Contemporary Revolution and Political Violence  3 hrs
POT 4632  Religion and Politics  3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Independent Study, and substitute courses/new courses are allowed at the chair’s discretion with prior approval.
Minors

Health Informatics and Information Management - Minor
College of Health and Public Affairs
Department of Health Management and Informatics, Health and Public Affairs II, Room: 210
Dr. Alice Noblin, alice.noblin@ucf.edu, 407-823-2353

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (20 hrs)
- HIM 3006 Foundations of Health Information Management (HIM) 3 hrs
- HIM 4508C Quality Management 3 hrs
- HIM 4566C Health Information Management Systems 3 hrs
- HSC 3537 Medical Terminology 3 hrs
- HIM 4226C Coding Procedures I 5 hrs
- HIM 4256C Coding Procedures II 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 20

Other Requirements
- Majors may not count courses presently required in a department program
- A minimum GPA of 2.5 is required in all coursework, and a minimum grade of "C" (2.0) is required in all Health Professions courses.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Health Sciences - Minor
College of Health and Public Affairs
Department of Health Professions, Health and Public Affairs I, Room: 267
L. Timothy Worrell, 407-823-5236

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (9 hrs)
- HUN 2201 Fundamentals of Human Nutrition 3 hrs
- HSC 3110 Medical Self Assessment 3 hrs
- HSC 3211 Preventive Health Care 3 hrs

1 PCB 3073C is a prerequisite for this course.

Restricted Electives (9 hrs)
- Additional prerequisite courses may be required
Select 1: 3 hrs
  - HSC 4652 Health Law and Ethics or
  - HSA 4109 Principles of Managed Care or
  - HIM 4508C Quality Management or
  - HSA 4702 Health Sciences Research Methods 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- Majors may not count courses presently required in a department program
- A minimum GPA of 2.5 is required in all coursework, and a minimum grade of "C" (2.0) is required in all courses for the minor.
- At least 15 hours used in the minor must be earned at UCF within the department of Health Management and Informatics.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Health Services Administration - Minor
College of Health and Public Affairs
Department of Health Management and Informatics, Health and Public Affairs II, Room: 210
Email: hsainfo@ucf.edu
Philip Wessel, Undergraduate Program Director, hsainfo@ucf.edu, 407-823-5380
Phone: 407-823-2359

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (15 hrs)
- HSA 3111 U.S. Health Care Systems 3 hrs
- HSA 4201 Community Health 3 hrs
- HSA 4180 Organization & Management for Health Agencies I 3 hrs
- HSA 4191 Health Care Automation 3 hrs
- HSC 4500 Epidemiology 3 hrs

Restricted Electives (3 hrs)
- Additional prerequisite courses may be required
Select 1: 3 hrs
  - HSC 4652 Health Law and Ethics or
  - HSA 4109 Principles of Managed Care or
  - HIM 4508C Quality Management or
  - HSA 4702 Health Sciences Research Methods 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- Majors may not count courses presently required in a department program
- A minimum GPA of 2.5 is required in all coursework, and a minimum grade of "C" (2.0) is required in all courses for the minor.
- At least 15 hours used in the minor must be earned at UCF within the department of Health Management and Informatics.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.
History - Minor
College of Arts and Humanities
Department of History, Colbourn Hall, Room: 551
http://history.cah.ucf.edu/
Phone: 407-823-2225

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (18 hrs)
■ None

Restricted Upper Division Electives 15 hrs
Restricted Electives (3 hrs)
History Elective 3 hrs
■ Any course taught within the History Department

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A grade of "C-" (1.75) or better is required in all courses used to satisfy the minor.
■ At least 12 hours used in the minor must be earned at UCF within the department.
■ No credit by exam (TSD, Military credit) may be used without academic advisor’s approval.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental approval.

Hospitality Management - Minor
Rosen College of Hospitality Management
Department of Hospitality Services,
9907 Universal Boulevard, Orlando, FL 32819
http://www.hospitality.ucf.edu
Email: hospitality@mail.ucf.edu
Dr. Fevzi Okumus, Department Chair
Dr. Abraham Pizam, Dean
Phone: 407-903-8000

Not available to majors within the Rosen College of Hospitality Management.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (18 hrs)
Take all of the following:

HFT 1000 Introduction to the Hospitality and Tourism Industry and 3 hrs
HFT 3540 Guest Services Management I 3 hrs

Select 2: 6 hrs
HFT 2401 Hospitality Industry Financial Accounting 3 hrs
HFT 3431 Hospitality Industry Managerial Accounting or 3 hrs
HFT 2500 Hospitality and Tourism Marketing or 3 hrs
HFT 2220 Hospitality Human Resources Management or 3 hrs
HFT 3444 Hospitality Information Systems or 3 hrs
HFT 3603 Legal Environment in the Hospitality and Tourism Industry or 3 hrs
HFT 4464 Hospitality Industry Finance or 3 hrs
HFT 4266 Hospitality Communications 3 hrs

Restricted Upper Division Electives 15 hrs
Restricted Electives (3 hrs)
History Elective 3 hrs
■ Any course taught within the History Department

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A minimum overall GPA of "C" (2.0) or better in all courses used to satisfy the minor.
■ At least 12 credit hours used in the minor must be earned at UCF within the College.
■ No credit by exam (TSD, Military credit) may be used in the minor.
■ It is the responsibility of the student to take whatever steps are necessary to determine if they have been officially dropped from a course. This does not remove the student’s responsibility for dropping courses they do not intend to complete.
■ Final exams will be given during Final Exam Week only.
■ Internship or Independent Study credit cannot be used toward the minor.

Human Communication - Minor
College of Sciences
Nicholson School of Communication, NSC, Room: 143
http://communication.cos.ucf.edu
Dr. Jim Katt, jkatt@ucf.edu
Nicholson Academic Student Services, nassc@ucf.edu
Phone: 407-823-2681

Minor Admission Requirements
■ Not open to Ad-PR, Human Communication, Journalism, or Radio-TV majors.

Minor Requirements
■ None

Prerequisite Courses
■ Students must satisfy course prerequisites before enrolling.

Required Courses (12 hrs)
COM 3011C Communication and Human Relations 3 hrs
COM 3120 Organizational Communication 3 hrs
SPC 3301 Interpersonal Communication 3 hrs
COM 3311 Communication Research Methods 3 hrs

Restricted Electives (9 hrs)
Select from the following courses:

COM 3013 Communication and the Family 3 hrs
COM 3022 Health Communication 3 hrs
COM 3110 Business and Professional Communication 3 hrs
COM 3332 Communication, Technology, and Change 3 hrs
COM 3406 Role of Motivation in Communication 3 hrs
COM 4014 Gender Issues in Communication 3 hrs
COM 4416 Terrorism and Communication 3 hrs
COM 4461 Intercultural Communication 3 hrs
COM 4462 Conflict Management 3 hrs
SPC 3445 Leadership Through Oral Communication 3 hrs
SPC 3513 Argumentation and Debate 3 hrs
SPC 4331 Nonverbal Communication 3 hrs
SPC 4426 Group Dynamics 3 hrs
SPC 4540 Persuasion and Communication 3 hrs
Independent study or Special topics course if approved by the coordinator prior to enrolling in the class 3 hrs
## Minors

### Humanities and Cultural Studies - Minor

**College of Arts and Humanities**  
Department of Philosophy,  
Psychology Building, Room: 220  
Email: philosophy2@ucf.edu  
Dr. Travis Rodgers, Travis.Rodgers@ucf.edu, 407-823-2273

The Humanities and Cultural Studies minor is a rigorous study of the artistic and intellectual practices and products of human culture in the contemporary world and in the past, across world cultures.

#### Minor Admission Requirements
- None

#### Minor Requirements
- None

#### Prerequisite Courses
- None

#### Required Courses (18 hrs)
- **HUM 2020**  Encountering the Humanities  3 hrs
- Humanities Foundations  6 hrs  
  - Select 2:  6 hrs  
    - HUM 3431  Ancient Humanities or  3 hrs  
    - HUM 3435  Medieval Humanities or  3 hrs  
    - HUM 3255  Modern Humanities or  3 hrs  
    - HUM 3252  Contemporary Humanities  3 hrs
- Theories and Methods  3 hrs  
  - Select 1:  3 hrs  
    - HUM 3805  Critical Theory in the Humanities or  3 hrs  
    - HUM 3830  Introduction to Digital Humanities or  3 hrs  
    - HUM 3326  Theories of Sex and Gender in Humanities or  3 hrs  
    - HUM 4330  Performance Theory or  3 hrs  
    - HUM 4823  Queer Theory in the Humanities or  3 hrs  
    - HUM 4826  Postcolonial Theory  3 hrs
- Cultural Traditions  3 hrs  
  - Select 1:  3 hrs  
    - HUM 3401  Asian Humanities or  3 hrs  
    - HUM 3423  African Humanities or  3 hrs  
    - HUM 3460  Latin American Humanities or  3 hrs  
    - HUM 4459  American Cultural Studies in Humanities  3 hrs
- Topics in Cultural Studies  3 hrs  
  - Select 1:  3 hrs  
    - HUM 4931  Key Figures in the Humanities & Cultural Studies or  3 hrs  
    - HUM 4934  Key Concepts in Humanities & Cultural Studies  3 hrs

#### Restricted Electives
- None

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- **18**

### Other Requirements
- A “C” (2.0) grade or better is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, co-op, or Independent Study credit cannot be used toward the minor.

### Information Technology - Minor

**College of Engineering and Computer Science**  
Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 346  
[http://www.eecs.ucf.edu](http://www.eecs.ucf.edu)  
Dr. Mark Llewellyn, Markl@cs.ucf.edu  
Phone: 407-823-3327

#### Minor Admission Requirements
- Not open to Information Technology majors.

#### Minor Requirements
- None

#### Prerequisite Courses
- None

#### Required Courses (3 hrs)
- Select one of the following courses:  
  - COP 2500C  Concepts in Computer Science  4 hrs  
  - COP 3223  Introduction to Programming with C  3 hrs

#### Restricted Electives (15 hrs)
- Choose 5 courses from the following: CGS 3175 or courses required for the IT major.

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- **18**

### Intelligent Robotic Systems (IRS) - Interdisciplinary - Minor

**College of Engineering and Computer Science**  
Engineering, Room: 107  
[http://www.cecs.ucf.edu](http://www.cecs.ucf.edu)  
Paul Edlen, paule@mail.ucf.edu, 407-823-2455

#### Minor Admission Requirements
- None

#### Minor Requirements
- None

#### Prerequisite Courses (3 hrs)
- Select 1:  3 hrs  
  - A high-level programming language class (like the following or its equivalent) is required for the minor.  
    - COP 3223  Introduction to Programming with C or  3 hrs  
    - EGN 3211  Engineering Analysis and Computation  3 hrs

#### Required Courses (6 hrs)
- EGN 4060C  Introduction to Robotics  3 hrs  
- EEL 4680  Robotic Systems  3 hrs
Students taking the International and Global Studies Minor will examine the interactions between nations and the political processes within nations using a variety of perspectives. International aspects focus on how countries interact with one another, and how the social and cultural systems within them affect these interactions. Global studies looks at intra-national factors, such as how a state's internal economic and cultural systems within them affect these interactions. Global studies examines the interactions between nations and the political processes that influence these interactions.

Minor Admission Requirements
- Double major/dual degree policy in Political Science programs and minors.
- 1. Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.

2. Students who double minor in Political Science and International and Global Studies shall not count more than one course toward both programs.

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted in the minor.
- At least nine hours used in the minor must be earned at UCF within the department.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (6 hrs)
- IDS 4315 Global Perspectives 3 hrs
- GEO 3471 World Political Geography 3 hrs

Restricted Electives (15 hrs)
- Substitutions require prior approval by the program advisor.

A. Political Science:
- Select courses from this grouping: 6 hrs
  - INR 4011 Politics of Globalization or 3 hrs
  - INR 4030 Diplomacy or 3 hrs
  - INR 4035 International Political Economy or 3 hrs
  - INR 4054 Global Politics of Energy or 3 hrs
  - INR 4074 Immigration Policy or 3 hrs
  - INR 4075 Human Rights Policy or 3 hrs
  - INR 4076 Global Drug Policy or 3 hrs
  - INR 4350 Global Environmental Politics or 3 hrs
  - INR 4502 International Organizations or 3 hrs
  - INR 4603 International Relations Theory or 3 hrs
  - INR 4714 Politics of International Trade Policy 3 hrs

B. Area Studies: 6 hrs
- Two upper division courses from one of the following area studies programs: Asian Studies, European Studies, Latin American, Caribbean and Latino Studies, Middle Eastern Studies, Russian Studies
- Courses may not have a prefix of INR, CPO, POT, POS or PUP.

C. Other:
- Select one course from this grouping: 3 hrs
  - CPO 4074 International Political Economy or 3 hrs
  - CPO 4074 Political Economy or 3 hrs
  - CPO 4074 Comparative Political Institutions or 3 hrs
  - CPO 4710 Women in Comparative Politics or 3 hrs
  - CPO 4784 Political and Economic Inequality in Comparative Perspective or 3 hrs
  - CPO 4445 Comparative Political Parties or 3 hrs
  - DSC 4012 Terrorism or 3 hrs
  - EUH 3651 War and Society or 3 hrs
  - MMC 4300 International Media or 3 hrs
  - SYP 4454 Global Inequality and Society or 3 hrs
  - THE 3312 Theatre History and Dramatic Literature II or
  - Three one credit Foreign Language across the Curriculum (FLAC) courses 3 hrs

Foreign Language Requirements
- Proficiency equivalent to four semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies.
- Standardized examinations for foreign languages may be used to meet the requirement.

Total Semester Hours Required
- 21

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior departmental approval.
Minors

International Business - Minor
College of Business Administration
Department of Finance,
Business Administration I, Room: 409
http://web.bus.ucf.edu
Robert Sweo, rsweo@bus.ucf.edu, 407-823-1237
Minor for Business Majors

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- FIN 4604 International Financial Management 3 hrs
- GEB 3375 Introduction to International Business 3 hrs
- MAN 4600 International Management 3 hrs
- MAR 4156 International Marketing 3 hrs

Restricted Electives (6 hrs)
Select two of the following:
- ECO 3703 International Microeconomics 3 hrs
- ECO 3704 Global Economic Policy 3 hrs
- ECO 4713 International Macroeconomics 3 hrs
- ECS 4013 Development Economics 3 hrs
- GEB 3955 Study Abroad 3 hrs
- GEB 4361 Business in the International Environment 3 hrs
- GEB 4374 International Negotiations and Transactions 3 hrs
- GEB 4955 Study Abroad 3 hrs
- GEO 3471 World Political Geography 3 hrs
- INR 4035 International Political Economy 3 hrs
- INR 4224 Contemporary International Politics of Asia 3 hrs
- INR 4243 International Politics of Latin America 3 hrs
- INR 4401 International Law 3 hrs
- MAR 4724 Strategic Foundations in Global E-Business 3 hrs
Any 3000/4000 level foreign language course.

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) or “S” from other institutions are not accepted.
- Courses taken at Florida College System institution do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.
- A maximum of seven hours of the above listed required or elective courses can count toward another major or minor degree program.

International Engineering - Minor
College of Engineering and Computer Science
Engineering, Room: 107
http://www.ceecs.ucf.edu
Dr. Avelino Gonzalez, avelino.gonzalez@ucf.edu, 407-823-5027
Brittany Kester, brittany.kester@ucf.edu, 407-823-2455

The objective of this minor is to provide engineering, and computer science students with the opportunity to learn about and experience firsthand the global aspects of engineering, science and technology.

This minor is designed for maximum flexibility in programming, given the many different countries, cultures, partner foreign institutions and individual student needs. Through this minor, CECS students gain academic and/or work experience at an approved foreign institution compatible with UCF CECS, while simultaneously becoming familiar with the social as well as professional and technical cultures of their host country. CECS students can spend one or two semesters abroad gaining valuable international experience in their chosen field. This is especially important in today’s global economy in which employers look for graduates with international experience in their major area.

Minor Admission Requirements
- Admission by interview with the Program Coordinator
- A minimum UCF cumulative GPA of 2.75 is required to enter the minor.

Minor Requirements
- None

Prerequisite Courses
- Pre-requisites to the minor include completion of a minimum of 45 credit hours prior to the study abroad experience.

Required Courses (18 hrs)
- The International minor in Engineering or Computer Science is composed of three parts:
- Language Skill Acquisition 6 hrs
  - It is important that students possess a working level of language skills in the language of the prospective country to be visited in the study abroad experience of item 3 below.
  - Therefore, students must demonstrate proficiency in the language of their chosen country through at least the first year of college study. This can be achieved by completing six to eight hours of language coursework at UCF if such coursework is available, at the foreign institution where they will be going, or by passing an exam prior to the study abroad experience. Language coursework must relate to the country/region in which the student will be studying and must be approved beforehand by program coordinator. This requirement can be waived by the minor coordinator for study abroad in countries in which English is widely spoken.
  - If the student demonstrates proficiency through exam or if the language requirement is waived, he/she will instead take six hours of alternative international coursework appropriate to the region of study, at UCF in lieu of the foreign language credits. This alternative international coursework will consist of two of the following courses (or an equivalent(s) approved by the program coordinator):
    - ANT 3212 Peoples of the World 3 hrs
    - ANT 3541 Biobehavioral Anthropology 3 hrs
    - ANT 4332 People and Cultures of Latin America 3 hrs
    - ANT 3610 Language and Culture 3 hrs
    - ASH 4404 Modern China 3 hrs
    - ASH 4442 Modern Japan 3 hrs
    - COM 4461 Intercultural Communication 3 hrs
    - CPO 3034 Politics of Developing Areas 3 hrs
    - CPO 3103 Comparative Politics 3 hrs
    - CPO 3104 Politics of Western Europe 3 hrs
    - CPO 4101 Politics of the European Union 3 hrs
    - CPO 4303 Comparative Latin American Politics 3 hrs
    - CPO 4643 Government and Politics of Russia 3 hrs
    - GEO 3471 World Political Geography 3 hrs
    - REL 3333 Hinduism 3 hrs
    - REL 3363 Islam 3 hrs
    - IDS 3333 World Comparative Studies 3 hrs
    - INR 4035 International Political Economy 3 hrs
    - INR 4102 American Foreign Policy 3 hrs
    - INR 4224 Contemporary International Politics of Asia 3 hrs
    - INR 4243 International Politics of Latin America 3 hrs
    - INR 4401 International Law 3 hrs
- Cultural Coursework 3 hrs
  - It is important to formally expose the students to the culture of the country or region where they plan to have their study abroad experience. This can be done in one of two ways, in decreasing order of preference:
Minors

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental permission.

Journalism Studies - Minor
College of Sciences
Nicholson School of Communication, NSC, Room: 143
http://communication.cos.ucf.edu
Dr. Kim Voss, Area Coordinator, kvoss@ucf.edu
Nicholson Academic Student Services, nassc@ucf.edu, 407-823-2681

The Journalism Studies minor is well suited for students who seek to better understand the role journalism plays in society as well as the forces that shape journalism. A key component of this minor is media literacy, which is the ability to thoughtfully analyze messages disseminated through the news media.

Minor Admission Requirements
- Not open to Ad-PR, Journalism, or Radio-TV majors

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy minor.
- Grades below a “C” (2.0) are not accepted in the minor.
- At least 12 hours used in the minor must be earned at UCF within the Nicholson School of Communication.

Required Courses
- JOU 3004 History of American Journalism 3 hrs

Restricted Electives (15 hrs)
- Select from the following:
  - JOU 3304 Journalism Readings 3 hrs
  - JOU 3015 Principles of Journalism 3 hrs
  - JOU 3510 Magazine Publishing 3 hrs
  - JOU 4700 Journalism Ethics 3 hrs
  - MMC 2004 Mass Media 3 hrs
  - MMC 3200 Mass Communication Law 3 hrs
  - MMC 4300 International Media 3 hrs
  - VIC 3001 Visual Communication 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- No credit by exam (TSD, Military credit) may be used in the minor.
- Internship, co-op, or independent study credit cannot be used toward the minor without school permission.

Italian - Minor
College of Arts and Humanities
Department of Modern Languages and Literatures, Colbourn Hall, Room: 523
http://mll.cah.ucf.edu/
Email: flfaculty@ucf.edu
407-823-2472

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses
- None

Restricted Electives (18 hrs)
- Select 6 upper division courses in Italian, including the 3000-level advanced oral communication and composition courses.
- A native or near-native speaker must substitute an alternate upper division course for the advanced oral communication course.
- Approval of a departmental advisor is required prior to registration.
### Minors

**Judaic Studies - Minor**
**College of Arts and Humanities**
**Program in Judaic Studies,**  
Colbourn Hall, Room: 415 E-J  
http://www.judaicstudies.cah.ucf.edu  
Email: judaicst@ucf.edu

Dr. Moshe Pelli, 407-823-5039

The Interdisciplinary Program in Judaic Studies offers both a minor and a certificate. The Program cooperates with the departments of Anthropology, English, Modern Languages, History, Philosophy, Political Science, and Sociology, and with the Interdisciplinary Studies, Women’s Studies, Religious Studies, and Middle Eastern Studies programs. Interested students are encouraged to meet with the program director. Students minoring in Judaic Studies should take 6 HBR or JST courses, for a total of 18-20 credit hours.

**Minor Admission Requirements**
- None
- **Minor Requirements**
- None
- **Prerequisite Courses**
- None
- **Required Courses**
- None
- **Restricted Electives (18 hrs)**
  - Choose 6 Restricted Electives courses.

**Jewish History**
- JST 3401: Jewish People in Antiquity 3 hrs
- JST 3402: Wanderings: The Jewish People in Dispersion 3 hrs
- JST 3415: American Jewish History 3 hrs
- JST 3481: 20th Century Jewish History and Thought 3 hrs
- JST 3701: History of the Holocaust 3 hrs
- JST 3417: Sephardi Jews: History, Culture, and Folklore 3 hrs

**Bible**
- JST 3120: Hebrew Scriptures 3 hrs
- JST 3126: Romantic Love in the Bible 3 hrs
- JST 3144: Dead Sea Scrolls 3 hrs
- JST 3190: The Biblical Prophets 3 hrs
- JST 3424: Biblical Archaeology 3 hrs

**Literature**
- JST 3100: The Hebrew Creative Mind 3 hrs
- JST 3312: Identity and Genre 3 hrs
- JST 3751: Literature of the Holocaust 3 hrs
- JST 3803: The Israeli Experience in Short Stories 3 hrs

**Jewish Civilization**
- JST 3005: Tenets of Judaism 3 hrs
- JST 3121: Classic Texts of Judaism 3 hrs
- JST 3210: Kabbalah: Jewish Mysticism 3 hrs
- JST 3620: Contemporary Jewish Ethics and Morality 3 hrs

**Culture**
- JST 3450: Modern Jewish Experience 3 hrs
- JST 3810: The Jewish National Movement and Roots of Zionism 3 hrs
- JST 3820: Modern Israeli Culture 3 hrs
- JST 3551: The Holy and the Profane: The Introduction of Secularism into Modern Judaism 3 hrs
- JST 3550: Introduction of Modernism into Judaism 3 hrs
- JST 3821: Building a Nation - the Challenges to and Accomplishments of the State of Israel 3 hrs

**Language**
- HBR 1120: Elementary Modern Hebrew Language and Culture I 4 hrs
- HBR 1121: Elementary Modern Hebrew Language and Culture II 4 hrs
- HBR 2200: Intermediate Modern Hebrew I 3 hrs
- HBR 2201: Intermediate Modern Hebrew II 3 hrs
- HBR 3250: Biblical Hebrew 3 hrs
- HBR 3410: Conversational Israeli Hebrew 3 hrs

---

**Latin American Area Studies - Minor**
**College of Arts and Humanities**
**Program in Latin American Studies,**  
Colbourn Hall, Room: 122  
http://las.cah.ucf.edu/  
Donna Mercado, donna.mercado@ucf.edu  
Dr. Consuelo Stebbins, stebbins@ucf.edu  
Phone: 407-823-1173

The minor provides students with an interdisciplinary knowledge of, and the necessary tools to understand, Latin America, its people and its culture. Students completing the minor shall be prepared to apply their knowledge about Latin America in a variety of careers including, but not limited to: education, government, journalism, foreign service, social and community service, international trade and public relations.

**Minor Admission Requirements**
- None
- **Minor Requirements**
  - Successful completion of the following courses, or demonstration of proficiency.
  - SPN 1120C: Elementary Spanish Language and Civilization I 4 hrs
  - SPN 1121C: Elementary Spanish Language and Civilization II 4 hrs
- **Prerequisite Courses**
- None
- **Required Courses**
- None
- **Restricted Electives (18 hrs)**
  - At least 6 hours must be from one disciplinary group, and at least 3 hours from two additional disciplinary groups. The remaining hours may be selected from any of the disciplinary groups. No more than nine (9) credit hours of courses within the same discipline. Additional courses not listed below may substitute with prior approval from the Program Director.

**Anthropology**
- ANT 3164: Ancient Incas 3 hrs
- ANT 3168: Maya Archaeology 3 hrs
- ANT 4332: People and Cultures of Latin America 3 hrs
- ANT 4340: Caribbean Cultures 3 hrs

**Art**
- ARH 4653: Meso American Art 3 hrs
- ARH 3673: Modern Art of Mexico 3 hrs
- ARH 3670: 20th Century Latin American Art 3 hrs

**Modern Languages and Literature**
- SPN 2200: Intermediate Spanish Language and Civilization I 3 hrs
- FRW 3770: Francophone Literature 3 hrs
- SPW 3130: Survey of Latin-American Literature I 3 hrs

---

Other courses, including special topics, with the approval of the Director

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 20

**Other Requirements**
- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Requirement for minor is 18-20 credits.
Leadership Studies - Minor
Office of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
http://www.is.ucf.edu
Email: is@ucf.edu
Phone: 407-823-0144

The Leadership Studies (LS) minor is an interdisciplinary academic program that focuses on developing several dimensions of leadership understanding and skills for undergraduate students. The minor builds upon foundational courses with specific aspects of leadership involving communication, collaboration, social relations, politics, and ethics.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (19 hrs)

Foundation Courses
LDR 2001 Foundations of Leadership or 2 hrs
LDR 2002 Intermediate Foundations of Leadership or 2 hrs

Restricted Requirements 15 hrs
■ Choose one course from each of the five areas:
  Communication 3 hrs
  COM 3010C Communication and Human Relations or 3 hrs
  COM 3120 Organizational Communication or 3 hrs
  COM 4461 Intercultural Communication or 3 hrs
  COM 4462 Conflict Management or 3 hrs
  ENC 3250 Professional Writing or 3 hrs
  SPC 3445 Leadership Through Oral Communication or 3 hrs

Collaboration 3 hrs
INP 3004 Industrial/Organizational Psychology or 3 hrs
INP 4313 Organizational Psychology or 3 hrs
MAN 4240 Organizations: Theory and Behavior or 3 hrs
MAN 3025 Management of Organizations or 3 hrs
SFC 4426 Group Dynamics or 3 hrs

Social Relations and Culture 3 hrs
ANT 3541 Biocultural Anthropology or 3 hrs
CLP 3143 Abnormal Psychology or 3 hrs
COM 4461 Intercultural Communication or 3 hrs
EXP 304C Motivation or 3 hrs
SOC 3304C Social Psychology or 3 hrs
SOC 3723 Cross-Cultural Psychology or 3 hrs
SOC 3742 Psychology of Women or 3 hrs
SOC 3784 Psychology of Diversity or 3 hrs

Politics 3 hrs
PAB 3003 Public Administration in Political System or 3 hrs
PAB 4104 Administrative Theory or 3 hrs
PAB 4144 Nonprofit Organizations or 3 hrs
PAB 4754 Interdisciplinary Leadership in Public Affairs or 3 hrs
POS 3413 The American Presidency or 3 hrs
POS 4206 Political Sociology or 3 hrs
PUP 3325 Women and Political Behavior or 3 hrs
SYQ 4300 Political Sociology or 3 hrs

Ethics 3 hrs
BUL 3130 Legal and Ethical Environment of Business or 3 hrs
EDF 3601 Professional Ethics in Education or 3 hrs
EDF 3601 Professional Ethics in Education or 3 hrs
PAD 3040 Ethics and Values in Public Administration or 3 hrs
PGH 2108 Critical Thinking or 3 hrs
PHI 3638 Ethical Issues in Business or 3 hrs
PHI 3640 Environmental Ethics or 3 hrs

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 19

Other Requirements
■ Earn a grade of “C” (2.0) or better in each course used to satisfy the minor.
■ At least 15 credit hours used in the minor must be earned at UCF.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior permission from the Program Director.

Legal Studies - Minor
College of Health and Public Affairs
Department of Criminal Justice and Legal Studies,
Health and Public Affairs I, Room: 343
http://www.cohpa.ucf.edu/legalstudies/index.shtml
Email: legalstudies@ucf.edu
Dr. David Slaughter
Phone: 407-823-1670

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None
### Minors

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>(3 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 3014</td>
<td>Law and the Legal System</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives</th>
<th>(18 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Restricted Upper Division Electives</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>- 15 Semester hours of law studies courses selected with the aid of an advisor</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 3 semester hours of law-related courses selected with the aid of an advisor</td>
<td></td>
</tr>
</tbody>
</table>

### Foreign Language Requirements
- None

### Other Requirements
- A minimum grade of “C” (2.0) is required in each course to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

### Magazine Journalism - Minor

#### College of Sciences
**Nicholson School of Communication, NSC, Room: 143**

http://communication.cos.ucf.edu

**Email:** Journalism@ucf.edu

Dr. Kim Voss, Area Coordinator, kvoss@ucf.edu

Nicholson Academic Student Services, nassc@ucf.edu

**Phone:** 407-823-2681

**Minor Admission Requirements**
- Grammar proficiency requirement.
- A minimum UCF GPA of 2.5 is required.
- The minor is not open to Ad-PR, Journalism, or Radio-TV majors

**Minor Requirements**
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted in the minor.
- At least 15 hours used in the minor must be earned at UCF within the Nicholson School of Communication.

**Prerequisite Courses**
- Students must satisfy each course’s prerequisites before enrolling in the class.

#### Required Courses
(9 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 2100C</td>
<td>News Reporting</td>
</tr>
<tr>
<td>JOU 3510</td>
<td>Magazine Publishing</td>
</tr>
<tr>
<td>JOU 4224</td>
<td>Magazine Editing and Production</td>
</tr>
</tbody>
</table>

#### Restricted Electives
(9 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 3310</td>
<td>Magazine Writing I or</td>
</tr>
<tr>
<td>JOU 3370</td>
<td>Social Media Writing for Magazines or</td>
</tr>
<tr>
<td>JOU 3501</td>
<td>Editing I or</td>
</tr>
<tr>
<td>JOU 4211C</td>
<td>Informational Graphics or</td>
</tr>
<tr>
<td>JOU 4213C</td>
<td>Page Design or</td>
</tr>
<tr>
<td>JOU 4300</td>
<td>Feature Writing or</td>
</tr>
<tr>
<td>JOU 4340C</td>
<td>Online Journalism I</td>
</tr>
</tbody>
</table>

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 21

### Marketing - Minor

#### College of Business Administration
**Department of Marketing**
**Business Administration II, Room: 307S**

Open to Business and Non-Business students.

**Minor Admission Requirements**
- Not available to Marketing Majors

**Minor Requirements**
- None

**Prerequisite Courses**
- None

#### Required Courses
(3 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 3023</td>
<td>Marketing</td>
</tr>
</tbody>
</table>

#### Restricted Electives
(15 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select four or five:</td>
<td></td>
</tr>
<tr>
<td>MAR 3203</td>
<td>Supply Chain and Operations Management</td>
</tr>
<tr>
<td>MAR 3323</td>
<td>Integrated Marketing Communication</td>
</tr>
<tr>
<td>MAR 3391</td>
<td>Professional Selling</td>
</tr>
<tr>
<td>MAR 3403</td>
<td>Sales Force Management</td>
</tr>
<tr>
<td>MAR 3503</td>
<td>Consumer Behavior</td>
</tr>
<tr>
<td>MAR 3613</td>
<td>Marketing Analysis and Research</td>
</tr>
<tr>
<td>MAR 3641</td>
<td>Marketing Intelligence</td>
</tr>
<tr>
<td>MAR 3721</td>
<td>Digital Media Marketing</td>
</tr>
<tr>
<td>MAR 3765</td>
<td>Entrepreneurial Marketing</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>International Marketing</td>
</tr>
<tr>
<td>MAR 4231</td>
<td>Retailing Management</td>
</tr>
<tr>
<td>MAR 4711</td>
<td>Sport Marketing</td>
</tr>
<tr>
<td>MAR 4712</td>
<td>Healthcare Marketing</td>
</tr>
<tr>
<td>MAR 4715</td>
<td>Entrepreneurial Marketing</td>
</tr>
<tr>
<td>MAR 4803</td>
<td>Marketing Management</td>
</tr>
<tr>
<td>MAR 4804</td>
<td>Marketing Strategy</td>
</tr>
<tr>
<td>MAR 4841</td>
<td>Services Marketing</td>
</tr>
<tr>
<td>MAR 4934</td>
<td>Contemporary Marketing Topics in Florida</td>
</tr>
</tbody>
</table>

1 Requires prerequisites in addition to MAR 3023

**Restricted Non-Marketing Elective**

#### Courses taken at Florida College System institutions do not substitute for upper division courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 3211</td>
<td>Theory and Practice of Technical Writing</td>
</tr>
<tr>
<td>SPC 3301</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>SPC 4331</td>
<td>Nonverbal Communication</td>
</tr>
<tr>
<td>SPC 4426</td>
<td>Group Dynamics</td>
</tr>
<tr>
<td>STA 4102</td>
<td>Computer Processing of Statistical Data</td>
</tr>
<tr>
<td>SYA 4206</td>
<td>Research Methods</td>
</tr>
</tbody>
</table>

### Foreign Language Requirements
- None

### Total Semester Hours Required
- 18

### Other Requirements
- Internship or Independent Study credit cannot be used toward the minor.
- Courses taken at Florida College System institutions do not substitute for upper division courses.

---

UNIVERSITY OF CENTRAL FLORIDA

376 Undergraduate Catalog 2014-2015
Minor Admission Requirements

- Not open to Ad-PR, Journalism, or Radio-TV majors.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the Nicholson School of Communication.

Prerequisite Courses

- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (9 hrs)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 3008</td>
<td>Principles of Advertising</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 2004</td>
<td>Mass Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3007</td>
<td>Development and Structure of Electronic Media and New Technology</td>
<td>5 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives (9 hrs)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 4103</td>
<td>Radio-Television Advertising</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COM 3330</td>
<td>Computer Mediated Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 2030</td>
<td>History of Motion Pictures</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3006</td>
<td>Art of the Cinema</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JOU 3004</td>
<td>History of American Journalism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JOU 3015</td>
<td>Principles of Journalism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JOU 4700</td>
<td>Journalism Ethics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3200</td>
<td>Mass Communication Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3420</td>
<td>Mass Media Research Methods</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3630</td>
<td>Social Media as Mass Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 4300</td>
<td>International Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 4602</td>
<td>Contemporary Media Issues</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PUR 3210</td>
<td>Communication Approach to Corporate Social Responsibility</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PUR 4000</td>
<td>Public Relations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PUR 4400</td>
<td>Crisis Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3200</td>
<td>Production Fundamentals and Aesthetics of Electronic Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4403</td>
<td>Electronic Media, Technology, and Society</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4503</td>
<td>Sports Programming in Electronic Media</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4700</td>
<td>Regulation of Broadcasting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>VIC 3001</td>
<td>Visual Communication</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Foreign Language Requirements

- None

Total Semester Hours Required

- 18

Minor Admission Requirements

- The minor is not open to Sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other Sociology minors.
- Students must earn a minimum GPA of at least 2.0 in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department of Sociology.

Prerequisite Courses

- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (6 hrs)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYP 4000</td>
<td>Sociological Social Psychology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Required: Complete one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology or 3 hrs</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives (12 hrs)

- Select from the following:
- SYA 4650C Community Action and Involvement | 3 hrs
- SYO 3000 Contemporary Society | 3 hrs
- SYO 4200 Religion in Society | 3 hrs
- SYP 3300 Fads, Crowds, and Social Action | 3 hrs
- SYP 3400 Social Change | 3 hrs
- SYP 3602 Patterns of Popular Music in Society | 3 hrs
- SYP 3630 Popular Culture In Society | 3 hrs
- SYP 3650 Sports and Society | 3 hrs
- SYP 4004 Constructing Social Issues | 3 hrs

Foreign Language Requirements

- None

Total Semester Hours Required

- 18

Other Requirements

- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op or Independent Study credit cannot be used toward the minor.

Admission Requirements

- None

Minor Requirements

- A grade of “C” (2.0) or better is required in all courses used to satisfy the minor.
Minors

- At least 6 hours used in the minor must be earned at UCF within the Department of Mathematics.
- This minor is not open to Math majors.

**Prerequisite Courses**
- Students must satisfy each course’s prerequisites before enrolling in the class.
  - BSC 2010C Biology I 4 hrs
  - MAC 2311C Calculus with Analytic Geometry I 4 hrs
  - MAC 2312 Calculus with Analytic Geometry II 4 hrs

**Required Courses** (21 hrs)
- BSC 2010C Biology II 4 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- MAP 2302 Ordinary Differential Equations I 3 hrs
- MAS 3105 Matrix and Linear Algebra 4 hrs
- MAP 4484 Mathematical Biology I 3 hrs
- MAP 4494 Mathematical Biology II 3 hrs

**Restricted Electives** (3 hrs)
- Select from the following
  - BCH 4034 Biochemistry I 3 hrs
  - PCB 3023 Molecular Cell Biology 3 hrs
  - PCB 3044 Principles of Ecology 3 hrs
  - PCB 3063 Genetics 3 hrs
  - PCB 4663 Evolutionary Biology 4 hrs

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 24

**Other Requirements**
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Lower division courses do not substitute for Upper Division courses.

---

**Mathematics - Minor**
**College of Sciences**
**Department of Mathematics, Math and Physics, Room: 207**

*http://math.ucf.edu*

Dr. Constance Schober, MAP 312, Constance.Schober@ucf.edu
Phone: 407-823-0147

**Minor Admission Requirements**
- The minor is not open to Mathematics or Math Education majors.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Lower division courses do not substitute for Upper Division courses.

**Prerequisite Courses**
- Students must satisfy each course’s prerequisites before enrolling in the class.
  - MAC 2311C Calculus with Analytic Geometry I 4 hrs

**Required Courses** (11 hrs)
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- MAP 2302 Ordinary Differential Equations I 3 hrs

**Restricted Electives** (7 hrs)
- The Restricted Electives must be taken from the Department of Mathematics at UCF and must include one course at the 4000-5000 level.

Select two from the following list of options:
- MAA XXXX (any 3000, 4000, or 5000 level course, except as noted below)
- MAD XXXX (any 3000, 4000, or 5000 level course, except as noted below)
- MAP XXXX (any 3000, 4000, or 5000 level course, except as noted below)
- MAS XXXX (any 3000, 4000, or 5000 level course, except as noted below)
- MTG XXXX (any 3000, 4000, or 5000 level course)

Any mathematics Honors courses that are approved for this purpose by the Department Standards Committee are eligible for this purpose.

You may select either course if desired, but not both.
- MAS 3105 Matrix and Linear Algebra or 4 hrs
- MAS 3106 Linear Algebra 4 hrs

You may select either sequence, but not both.
- MAA 4226 Advanced Calculus I and 4 hrs
- MAA 4227 Advanced Calculus II 3 hrs
- or MAA 5210 Topics in Advanced Calculus 3 hrs

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 18

**Other Requirements**
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

---

**Mathematics Education - Minor**
**College of Education and Human Performance**
**School of Teaching, Learning, and Leadership, Education Building, Room: 209**

*http://education.ucf.edu/mathed/

Dr. Erhan Haciomeroglu, ED 123H, Erhan.Haciomeroglu@ucf.edu, 407-823-4336
Dr. Janet Andreasen, ED 123Q, Janet.Andreasen@ucf.edu
Phone: 407-823-5430

The Mathematics Education minor is intended for non-Mathematics Education majors. It is well suited for students majoring in another secondary content area or as an area for students enrolled in Interdisciplinary Studies. This minor is available for students in the 2008 catalog year and beyond.

**Minor Admission Requirements**
- Have a minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

**Minor Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses** (19 hrs)
- A C- or better is required in these courses.
  - EDS 4410 Teaching Strategies and Classroom Management 3 hrs
  - EDF 4467 Learning Theory and Assessment 3 hrs
  - TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs
  - RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
  - MAE 4360 Mathematics Instructional Analysis 4 hrs
  - MAE 4634 Programs in Teaching of Mathematics 3 hrs

**Restricted Electives**
- None

**Foreign Language Requirements**
- None
Medical Anthropology - Minor

College of Sciences

Department of Anthropology, Howard Phillips Hall, Room: 309

http://anthropology.cos.ucf.edu/

Email: anthro@ucf.edu

Dr. Arlen Chase, (407) 823-2227

The Medical Anthropology minor develops students' understanding of health from the perspective of human cultural and biological diversity, preparing them for careers in global health.

Minor Admission Requirements

- The minor is not open to Anthropology majors.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department of Anthropology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.
- Complete all of the following:
  - ANT 2000 General Anthropology 3 hrs

Required Courses (12 hrs)

- Select from the list below:
  - ANT 2410 Cultural Anthropology 3 hrs
  - ANT 2511 The Human Species 3 hrs
  - ANT 4408 Culture, Disease, and Healing 3 hrs
  - ANT 4462 Medical Anthropology 3 hrs

Restricted Electives

Restricted Electives, Group A: 3 hrs

- Select from the list below:
  - ANT 3241 Magic, Ritual, and Belief 3 hrs
  - ANT 3302 Sex, Gender and Culture 3 hrs
  - ANT 4467 Nutritional Anthropology 3 hrs
  - ANT 4516 Human Biological Diversity 3 hrs
  - ANT 4560 Anthropological Perspectives on Human Growth 3 hrs

Restricted Electives, Group B: 6 hrs

- Select from the list below:
  - ANT 3148 Life and Death in Ancient Egypt 3 hrs
  - ANT 3541 Biobehavioral Anthropology 3 hrs
  - ANT 3701 Applied Anthropology 3 hrs
  - ANT 4013 Anthropological Perspectives on Fast Food 3 hrs
  - ANT 4184 Mortuary Archaeology 3 hrs
  - ANT 4521 Forensic Anthropology 3 hrs
  - ANT 4525C Human Osteology 4 hrs
  - ANT 4802 Ethnographic Field Methods 3 hrs

May substitute a health-related course from another department with prior permission from Anthropology.

Foreign Language Requirements

- None

Total Semester Hours Required

19

Other Requirements

- Students should see an advisor prior to registering for classes.
- Students must complete 18 hrs of courses in mathematics as co-requisites.
- At least 12 hours in the minor must be earned at UCF.
- Obtain a minimum 2.5 GPA in courses required for minor.

Internship, Co-op, or Independent Study credit cannot be used toward the minor.

The Medical Sociology minor examines the social determinants of health and illness, and their impact on the delivery of health care and access to medical resources. The minor also examines the role of social forces play in the way society views, treats, understands, and responds to illness and disease. This minor facilitates an understanding of health and illness from a sociological perspective and prepares students for careers and graduate school in health related fields.

Minor Admission Requirements

- The minor is not open to Sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other Sociology minors.

Minor Requirements

- Students must earn a minimum GPA of at least 2.0 in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department of Sociology.

Prerequisite Courses

- Most courses for this certificate will have prerequisites completed as a part of a student’s GEP requirement or as general electives.
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (6 hrs)

- SYO 4400 Medical Sociology 3 hrs

Required: Complete one of the following:

- SYO 2000 Introduction to Sociology or 3 hrs
- SYO 2100 Social Problems 3 hrs

Restricted Electives (12 hrs)

- Select from the following:
  - SYO 4550 Patterns of Drug Abuse in Society 3 hrs
  - SYO 4730 Patterns of Aging in Society 3 hrs
  - SYO 4801 Social Determinants of Health 3 hrs

May substitute a relevant health-related course from another department with permission from Sociology.

Foreign Language Requirements

- None

Total Semester Hours Required

18

Other Requirements

- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op or Independent Study credit cannot be used toward the minor.
Minors

Medieval and Renaissance Studies - Minor
College of Arts and Humanities
Department of English, Colbourn Hall, Room: 405
http://www.english.ucf.edu/
Dr. Tison Pugh, 407-823-4454

An interdisciplinary minor that offers students a background of the history, literature, languages, art, music, and philosophy of the Middle Ages and Renaissance.

Minor Admission Requirements
- None

Prerequisite Requirements
- None

Required Courses (6 hrs)
- Select two courses from the following:
  - HUM 3435 Medieval Humanities: 3 hrs
  - EUH 3122 Medieval Society and Civilization: 3 hrs
  - *ENL 4311 Chaucer: 3 hrs
  - *ENL 4341 Milton and His Age: 3 hrs
  - *ENL 3433 Shakespeare Studies: 3 hrs

Restricted Electives (12 hrs)
- Select no more than two from each disciplinary group:
  - **Department of Art**
    - ARH 4200 Medieval Art: 3 hrs
    - ARH 4310 Italian Renaissance Art: 3 hrs
  - **Department of English**
    - ENL 4220 English Renaissance Poetry and Prose: 3 hrs
    - ENL 4311 Chaucer: 3 hrs
    - ENL 4333 Shakespeare Studies: 3 hrs
    - ENL 4341 Milton and His Age: 3 hrs
  - **Department of History**
    - AMH 4110 Colonial America, 1607-1763: 3 hrs
    - AMH 4111 The Atlantic World: 3 hrs
    - EUH 3122 Medieval Society and Civilization: 3 hrs
    - EUH 3142 Renaissance and Reformation: 3 hrs
    - EUH 3531 Medieval Ireland: 3 hrs
    - EUH 3536 Early Modern Ireland: 3 hrs
    - EUH 4500 English History to 1485: 3 hrs
    - EUH 4501 English History: 1485-1815: 3 hrs
    - EUH 4610 Women in European Society: From Medieval to Modern Crusades: 3 hrs
  - **Department of Modern Languages**
    - FRW 3100 Survey of French Literature I: 3 hrs
    - ITW 3100 Survey of Italian Literature I: 3 hrs
    - SPW 3100 Survey of Spanish Literature I: 3 hrs
    - SPW 3370 Spanish Short Story: 3 hrs
    - SPW 4310 Golden Age Drama: 3 hrs
    - SPW 4322 Contemporary Iberian Theatre: 3 hrs
    - SPW 4604 Cervantes: 3 hrs
    - ITT 3443 Dante's Inferno: 3 hrs
  - **Department of Music**
    - MUH 4322 Medieval and Renaissance Music: 3 hrs
  - **Department of Philosophy**
    - PHH 3200 Medieval Philosophy: 3 hrs
    - HUM 3435 Medieval Humanities: 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- Earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the College of Arts and Humanities.
- Course substitutions may be accepted upon approval of the advisor.

Middle Eastern Studies - Minor
College of Arts and Humanities
Program in Middle Eastern Studies, Colbourn Hall, Room: 551
http://middleeasternstudies.cah.ucf.edu/
Dr. Hakan Ozoglu

The Middle Eastern Studies minor is designed to complement a student's major area of study. The minor requires a core of Middle Eastern Studies courses as well as a selection of directed electives.

Minor Admission Requirements
- None

Prerequisite Requirements
- None

Required Courses (9 hrs)
- CPO 3403 Politics of the Middle East: 3 hrs
- REL 3363 Islam: 3 hrs
- ASH 3223 The Modern Middle East: 3 hrs

Restricted Electives (9 hrs)
- Additional courses may be used only with prior permission of the program director.
- Although not required, students are strongly encouraged to complete at least one year of Arabic (ARA 1120C, 1121) and/or Hebrew (HBR 1120, 1121) and/or Modern Hebrew (HBR 2200).

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- Students who are also minoring or completing a certificate in Judaic Studies may not have more than 3 credits that are counted in both programs.
- At least 15 hours used to satisfy this minor must be at the upper division level.
- A grade of "C" or above (2.0) is required in each course for the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Military Science - Minor
College of Engineering and Computer Science
Army ROTC, Classroom Building 2, Room: 321
LTC Mario Johnson
Phone: 407-823-1872

Minor Admission Requirements
- Interview with Chair/Professor of Military Science to determine eligibility to meet requirements to contract and commission as an officer in the US Army.
Minor Requirements
- Eligibility for this minor is restricted to those students who meet the requirements to contract and commission as officers in the US Army. Students desiring to enroll in the advanced Military Science courses must be willing to pursue a commission as a Second Lieutenant and must meet prerequisite requirements to contract and must obtain permission from the Chair/Professor of Military Science through an interview process, prior to participating in the advanced courses.

Prerequisite Courses
- Military Science Prerequisites (8 hrs)
  - MSL 1001C Foundations of Officership 2 hrs
  - MSL 1002C Basic Leadership 2 hrs
  - MSL 2101C Individual Leadership Studies 2 hrs
  - MSL 2102C Leadership and Teamwork 2 hrs

Required Courses (16 hrs)
- MSL 3201C Leadership and Problem Solving 4 hrs
- MSL 3202C Leadership and Ethics 4 hrs
- MSL 4301C Leadership and Management 4 hrs
- MSL 4302C Officership 4 hrs

Restricted Electives (9 hrs)
Select one of the following 3 hrs
- AMH 3547 U. S. Military History Since 1900 3 hrs
- AMH 3548 U. S. Military History To 1900 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 19

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- At least 9 hours used in the minor must be earned at UCF within the department.
- Internship credit can be used toward the minor.

Nonprofit Management/National Certification in Nonprofit Management - Minor
College of Health and Public Affairs
School of Public Administration, Health and Public Affairs
Room: 238
Stephanie Krick, stephanie.krick@ucf.edu, 407-823-0661

The Nonprofit Management Minor at the University of Central Florida will provide interdisciplinary classroom experience and experiential learning opportunities for students planning a career as a nonprofit professional. If all of the following requirements are met (including “Other Requirements”), the student can earn both a minor and National Certification from the Nonprofit Leadership Alliance.

Minor Admission Requirements
- None

Minor Requirements
- Students must earn a “C” (2.0) or better in each course in the minor.

Prerequisite Courses
- None

Required Courses (9 hrs)
1. PAD 3930 Nonprofit Leadership Seminar 1 hr
2. PAD 4948 Nonprofit Management Internship 3 hrs
3. PAD 4144 Nonprofit Organizations 3 hrs

- One credit hour course repeated three semesters.
- Internships within other programs may be accepted with prior approval of Nonprofit Leadership Alliance advisor.

Restricted Electives (9 hrs)
- Student can earn the remaining 9 credit hours by pursuing either the Generalist Emphasis or the Public Affairs Emphasis. The requirements for each are as follows:

Generalist Emphasis
- Choose at least one course from each of the following three groups
Select 1: 3 hrs
1. ACG 2021 Principles of Financial Accounting or 3 hrs
2. ACG 2071 Principles of Managerial Accounting or 3 hrs
3. MAN 3025 Management of Organizations or 3 hrs

Select 2: 3 hrs
1. PAD 4131 Public Sector Project Management 3 hrs
2. PAD 4204 Fiscal Management or 3 hrs
3. PAD 3850 Grant and Contract Management or 3 hrs

Select 3: 3 hrs
1. SOW 3401 Social Work Perspectives on Social Justice or 3 hrs
2. PAD 4153 Planning and Improvement for Public Organizations or 3 hrs
3. PAD 4325 Program Evaluation for Public and Nonprofit Organizations or 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 19
Minors

DEP 2004C Developmental Psychology or 3 hrs
DEP 3464 Psychology of Aging or 3 hrs
EDG 4941 Directed Field Experience 1 hr

Select 1: 3 hrs
- Group III: Communication & Marketing and Fund Raising Principles & Practices
  - COM 3110 Business and Professional Communication 3 hrs
  - COM 3031 Cornerstone: Professional Skills for Business or 3 hrs
  - MAR 3023 Marketing or 3 hrs
  - MAR 3641 Marketing Intelligence or 3 hrs
  - MAR 4803 Marketing Management or 3 hrs
  - PAD 4147 Resource Development in the Nonprofit Sector or 3 hrs
  - SOW 3352 Practice II: Interpersonal Skills in Social Work or 3 hrs
  - SPC 3301 Interpersonal Communication 3 hrs

  1 Course has prerequisites or may be open to students in that major only. Please see catalog for details.

Public Affairs Emphasis 9 hrs
- Choose at least 3 courses from the following:
  - PAD 4148 Volunteer Management 3 hrs
  - PAD 4153 Planning and Improvement for Public Organizations 3 hrs
  - PAD 4131 Public Sector Project Management 3 hrs
  - PAD 4147 Resource Development in the Nonprofit Sector 3 hrs
  - PAD 4204 Fiscal Management 3 hrs
  - PAD 4223 Public Budgeting: Skills and Techniques 3 hrs
  - PAD 4253 Community & Economic Development 3 hrs
  - PAD 4325 Program Evaluation for Public and Nonprofit Organizations 3 hrs
  - MAR 3023 Marketing or 3 hrs

  1 Course has prerequisites or may be open to students in that major only. Please see catalog for details.

Foreign Language Requirements
- None

Total Semester Hours Required 18

Other Requirements
- No credit by exam (TSD, Military credit) may be used to satisfy the minor.

Required Courses (12 hrs)
- ANT 3152 Indians of the Southwest 3 hrs
- ANT 3158 Florida Archaeology 3 hrs
- ANT 3311 Indians of the Southeastern United States 3 hrs
- ANT 3398 Black/Seminoles Relations 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
- AMH 3441 History of the Frontier: Eastern America 3 hrs
- AML 3643 Contemporary Native American Prose and Poetry 3 hrs
- CPO 4794 Indigenous Politics and the Environment 3 hrs
- POS 3076 American Indian Politics 3 hrs

Restricted Electives (6 hrs)
- Complete two of the following courses:
  - Course substitutions must be approved in advance by the North American Indian Studies Program Director.
  - ANT 3152 Indians of the Southwest 3 hrs
  - ANT 3158 Florida Archaeology 3 hrs
  - ANT 3311 Indians of the Southeastern United States 3 hrs
  - ANT 3398 Black/Seminoles Relations 3 hrs
  - AMH 2010 U.S. History: 1492-1877 3 hrs
  - AMH 2020 U.S. History: 1877-Present 3 hrs
  - AMH 3441 History of the Frontier: Eastern America 3 hrs
  - AML 3643 Contemporary Native American Prose and Poetry 3 hrs
  - CPO 4794 Indigenous Politics and the Environment 3 hrs
  - POS 3076 American Indian Politics 3 hrs

Minor Admission Requirements (6 hrs)
- Take one of the following courses: 3 hrs
  - MUL 2010 Enjoyment of Music or 3 hrs
  - MUL 2014 Introduction to Music History and Literature 3 hrs

- Take one of the following courses: 3 hrs
  - THE 2000 Theatre Survey or 3 hrs
  - THE 2520 Survey of Theatre for Majors 3 hrs

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (15 hrs)
- The internship will be a capstone experience taking an average of ten hours per week. Students are responsible for securing an internship position, which may be paid or unpaid, on- or off-campus, with qualifying performing arts organization. Students will secure approval for internship positions and responsibilities from the department curriculum committee.
  - ACS 2021 Principles of Financial Accounting 3 hrs
  - PAD 4144 Nonprofit Organizations 3 hrs
  - TPA 4400 Theatre Management 3 hrs
  - MUS 4320 Music Business and Industry 3 hrs

North American Indian Studies - Minor
College of Sciences
Department of Anthropology,
Howard Phillips Hall, Room: 309
http://anthropology.cos.ucf.edu/
Email: anthro@ucf.edu
Dr. Rosalyn Howard
Phone: 407-823-2227

The North American Indian Studies minor will enhance a student’s understanding and appreciation of the history and culture of the North American Indians. The minor is especially appropriate for UCF undergraduates who are not majoring in Anthropology.

Minor Admission Requirements
- The minor is not open to Anthropology majors.

Minor Requirements
- Students must earn a grade of “C” (2.0) or better in all course used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF.

University of Central Florida
Undergraduate Catalog 2014-2015
Internship

THE 4941  Internship  1 hr

Restricted Electives  (9 hrs)

- Select three courses, one from each of the three different areas.

Finance & Budgeting
FIN 2100  Personal Finance and Investments  3 hrs
ECO 2023  Principles of Microeconomics  3 hrs
ACG 2071  Principles of Managerial Accounting  3 hrs

Management
MAR 3023  Marketing  3 hrs
MAN 3025  Management of Organizations  3 hrs

Nonprofit Sector
PAD 4148  Volunteer Management  3 hrs
PAD 4147  Resource Development in the Nonprofit Sector  3 hrs
PAD 3003  Public Administration in American Society  3 hrs

Foreign Language Requirements
None

Total Semester Hours Required
30

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) are not accepted.
- At least 15 hours in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.

Philosophy - Minor

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: philosophy2@ucf.edu
Dr. Jennifer Mundale, Jennifer.Mundale@ucf.edu, 407-823-2273

The Philosophy minor is intended to provide a limited, yet substantive, introduction to philosophical themes related to knowledge, responsibility, and society. Students, in consultation with a departmental advisor, will select courses in accordance with the distributions listed below.

Minor Admission Requirements
None

Minor Requirements
None

Prerequisite Courses
None

Required Courses  (15 hrs)
- Select one course from each of the following groups:

Reasoning
Select 1:  3 hrs
PHI 2011  Philosophical Reasoning or 3 hrs
PHI 2101  Formal Logic I or 3 hrs
PHI 2647  Logic and Ethics or 3 hrs
PHI 3131  Formal Logic II or 3 hrs
PHI 2108  Critical Thinking  3 hrs

History of Philosophy
Select 1:  3 hrs
PHH 3100  Ancient Philosophy or 3 hrs
PHI 3200  Medieval Philosophy or 3 hrs
PHI 3460  Modern Western Philosophy or 3 hrs
PHI 3800  Contemporary Philosophy  3 hrs

Values and Society
Select 1:  3 hrs
PHI 3670  Ethical Theory or 3 hrs
PHI 3626  Advanced Ethics in Science and Technology or 3 hrs

PHM 3401  Philosophy of Law or 3 hrs
PHI 3800  Aesthetics or 3 hrs
PHM 3123  Feminist Theories or 3 hrs
PHI 3638  Ethical Issues in the 21st Century or 3 hrs
PHI 3625  Virtual Ethics or 3 hrs
PHI 4633  Ethics and Biological Science or 3 hrs
PHM 3100  Freedom and Justice or 3 hrs
PHI 3640  Environmental Ethics or 3 hrs
PHM 4031  Environmental Philosophy or 3 hrs
PHI 3701  Native American Philosophy or 3 hrs
PHI 3805  Contemporary Aesthetics or 3 hrs

Being and Knowing
Select 1:  3 hrs
PHI 4500  Metaphysics or 3 hrs
PHI 4341  Ways of Knowing or 3 hrs
PHI 4300  Theories of Knowledge or 3 hrs
PHI 3700  Philosophy of Religion or 3 hrs
PHI 4430  Philosophy of Science or 3 hrs
PHI 3320  Philosophy of Mind or 3 hrs
PHI 3451  Philosophy of Psychology or 3 hrs
PHI 4420  Philosophy of Social Science or 3 hrs
PHI 3323  Minds and Machines: Philosophy of Cognitive Science or 3 hrs
PHP 4782  Phenomenology or 3 hrs
PHI 4221  Philosophy of Language  3 hrs

Topics in Philosophy
Select 1:  3 hrs
PHI 4931  Philosophy in the News or 3 hrs
PHI 4321  Philosophies of Embodiment: Mind/Body/Self or 3 hrs
PHM 3022  Sexuality, Gender & Philosophy or 3 hrs
PHI 3033  Philosophy, Religion, and the Environment or 3 hrs
PHI 4804  Critical Theory or 3 hrs
PHP 3783  Modernity as a Philosophical Problem or 3 hrs
PHI 3750  The Problem of Evil or 3 hrs
PHI 3720  Faith and Reason or 3 hrs
PHI 3803  Philosophy and Creativity or 3 hrs
REL 3111  Religion and Philosophy Through Film or 3 hrs
PHP 3766  Existentialism or 3 hrs
PHP 4933  Key Concepts in Philosophy or 3 hrs
PHP 4931  Key Figures in Philosophy  3 hrs

Restricted Electives  (6 hrs)
- Must consult an advisor for approved courses in this area.
- Note: Appropriate Special Topics in Philosophy may be substituted for some core courses with prior approval by departmental advisor.

Foreign Language Requirements
None

Total Semester Hours Required
21

Other Requirements
- A grade of “C” (2.0) or better is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without approval by the Chair.
- Any substitutions must be approved by the department prior to being taken.
### Minors

#### Physics - Minor

**College of Sciences**  
Department of Physics, Physical Sciences, Room: 430  
**Email:** physics@ucf.edu  
Dr. Talat Rahman  
Phone: 407-823-2325

**Minor Admission Requirements**  
- The minor is not open to Physics majors.

**Minor Requirements**  
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 9 hours used in the minor must be earned at UCF within the department of Physics.

**Prerequisite Courses**  
- Students must satisfy each course’s prerequisites before enrolling in the class.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>(11 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2048C</td>
<td>Physics for Engineers &amp; Scientists I</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>Physics for Engineers and Scientists II</td>
</tr>
<tr>
<td>PHY 3101</td>
<td>Physics for Engineers and Scientists III</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives</th>
<th>(9 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from upper-level Physics lecture or laboratory courses appropriate for majors</td>
<td></td>
</tr>
</tbody>
</table>

**Foreign Language Requirements**  
- None

**Total Semester Hours Required**  
- 20

**Other Requirements**  
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior departmental permission.

#### Political Science - Minor

**College of Sciences**  
Department of Political Science,  
Howard Phillips Hall, Room: 302  
[politicalscience.cos.ucf.edu](http://politicalscience.cos.ucf.edu)  
**Email:** politics@ucf.edu  
Dr. Roger Handberg  
Phone: 407-823-2608

**Minor Admission Requirements**  
- Double major/dual degree policy in Political Science programs and minors:
  - 1. Students who double minor in Political Science and International and Global Studies shall not count more than one course toward both programs.
  - 2. Students who major in International and Global Studies, and minor in Political Science/Prelaw, shall not count more than one course toward both programs, except for the following:
    - POS 2041 American National Government  

**Minor Requirements**  
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the department of Political Science.

**Prerequisite Courses**  
- Most courses for this minor will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>(3 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives</th>
<th>(15 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Five upper division Political Science courses (courses with prefixes CPO, INR, POS, POT, and PUP; GEO 3471 or IDS 4315 are Political Science courses; see the Political Science Major description for a list of courses that may be offered by the department).</td>
<td></td>
</tr>
<tr>
<td>Only three hours of for the following course may be used:</td>
<td></td>
</tr>
<tr>
<td>POS 4941</td>
<td>Political Science Internship</td>
</tr>
</tbody>
</table>

**Foreign Language Requirements**  
- None

**Total Semester Hours Required**  
- 18

**Other Requirements**  
- No credit by exam (TSD, Military credit) may be used.
- Co-op, or Independent Study credit cannot be used toward the minor without prior departmental permission.

#### Political Science/Prelaw - Minor

**College of Sciences**  
Department of Political Science,  
Howard Phillips Hall, Room: 302  
**Email:** politics@ucf.edu  
Dr. Roger Handberg  
Phone: 407-823-2608

**Minor Admission Requirements**  
- Double major/dual degree policy in Political Science programs and minors:
  - 1. Students who double minor in Political Science/Prelaw and International and Global Studies shall not count more than one course toward both programs.
  - 2. Students who major in International and Global Studies, and minor in Political Science/Prelaw, shall not count more than one course toward both programs, except the following:
    - POS 2041 American National Government  

**Minor Requirements**  
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below “C” (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the department of Political Science.

**Prerequisite Courses**  
- Most courses for this minor will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
</tr>
<tr>
<td>POS 4284</td>
<td>Judicial Process and Politics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Electives</th>
<th>(12 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 1:</td>
<td></td>
</tr>
<tr>
<td>INR 4401</td>
<td>International Law</td>
</tr>
<tr>
<td>POS 4603</td>
<td>American Constitutional Law I or</td>
</tr>
<tr>
<td>POS 4604</td>
<td>American Constitutional Law II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Upper Division Electives</th>
<th>9 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three upper division Political Science courses (courses with prefixes CPO, INR, POS, POT, and PUP; GEO 3471 or IDS 4315 are Political Science courses; see the Political Science Major description for a list of courses that may be offered by the department).</td>
<td></td>
</tr>
</tbody>
</table>
Psychology - Minor

College of Sciences
Department of Psychology,
Psychology Building, Room: 301
http://www.psych.ucf.edu/
Email: psychadvising@ucf.edu
Psychology Advising Center, PSY 250
Phone: 407-823-2219

The Psychology Department minor permits emphasis of several areas; Clinical Psychology, Human Factors Psychology, and Industrial/Organizational Psychology. When designing a minor, select courses which strengthen graduate school preparation and/or employment potential. Emphasis areas will not appear on the transcript.

Minor Admission Requirements
- The minor is not open to psychology majors.

Minor Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Students must maintain a minimum GPA of “C” (2.0) in the minor.
- At least 12 hours used in the minor must be earned at UCF within the department of Psychology.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (10 hrs)
- PSY 2012 General Psychology 3 hrs
- PSY 3204C Statistical Methods in Psychology 4 hrs

Select one statistics course: 3 hrs
- STA 2014C Principles of Statistics or 3 hrs
- STA 2023 Statistical Methods I 3 hrs

Restricted Electives (15 hrs)

A. Experimental
- Select 1: 3 hrs
- EXP 3204C Perception or 4 hrs
- EXP 3404C Basic Learning Processes or 3 hrs
- EXP 3604C Cognitive Psychology or 4 hrs
- PSB 4240C Neuropsychology or 3 hrs
- EXP 3640 Psychology of Language 3 hrs

B. Personality/Social
- Select 1: 3 hrs
- PPE 3003 Personality Theory and Research or 3 hrs
- SOP 3004C Social Psychology 3 hrs

C. Developmental
- Select 1: 3 hrs
- DEP 2004C Developmental Psychology or 3 hrs
- DEP 3202 Psychology of Exceptional Children or 3 hrs
- DEP 3404 Psychology of Aging 3 hrs

D. Diversity
- Select 1: 3 hrs
- CLP 3184 Women’s Mental Health or 3 hrs
- SOP 3723 Cross Cultural Psychology or 3 hrs
- SOP 3724 Psychology of Prejudice or 3 hrs

E. Select one additional Psychology elective 3 hrs
- The following courses will NOT fulfill this requirement:
  - INP 3141C Advanced Applied Psychology 3 hrs
  - INP 3951 Industrial/Organizational Field Work 3 hrs
  - PSY 3905 Directed Independent Study 1 hr
  - PSY 4906 Directed Independent Study 3 hrs
  - PSY 4912 Directed Independent Research 3 hrs

1 This course may fulfill the requirement with prior approval.

Foreign Language Requirements
- None

Total Semester Hours Required
- 25

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
Minors

Real Estate - Minor
College of Business Administration
Dr. P. Phillips School of Real Estate,
Business Administration I, Room: 427
Students seeking advising must go to BA 2 room 101.
http://www.bus.ucf.edu/realestate/
Phone: 407-823-3575

Open to Business and Non-Business students. Not available to Real Estate Majors.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ ACG 2021 Principles of Financial Accounting 3 hrs
■ ECO 2023 Principles of Microeconomics 3 hrs

Required Courses
■ FIN 2100 Personal Finance and Investments 3 hrs
■ FIN 3403C Business Finance 3 hrs
■ REE 3043 Fundamentals of Real Estate 3 hrs
■ REE 3433 Real Estate Law 3 hrs

Restricted Electives
■ REE 4105 Real Estate Appraisal and Valuation 3 hrs
■ REE 4203 Commercial Real Estate Finance 3 hrs
■ REE 4204 Residential Real Estate Finance 3 hrs
■ REE 4303 Real Estate Investment Analysis 3 hrs
■ REE 4732 Real Estate Development 3 hrs
■ REE 4831 Environmental Issues for Real Estate 3 hrs
■ REE 4833 Advanced Topics in Real Estate 3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
■ Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
■ Courses taken at Florida College System institutions do not substitute for upper division courses.
■ Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
■ At least nine hours used in the minor must be earned at UCF within the department.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Independent Study, or Directed Research credit cannot be used toward the minor.
■ A maximum of 6 hours of required or elective coursework (from Required Courses and Electives above) can count toward another major or minor degree program.

Religion and Cultural Studies - Minor
College of Arts and Humanities
Department of Philosophy
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: religion@ucf.edu
Dr. Sabatino DiBernardo, sabatino.dibernardo@ucf.edu,
407-823-2273

Religion and Cultural Studies is a minor designed to familiarize students with religious traditions around the world, from ancient through contemporary cultures, as well as to introduce students to critical theories and methods through which to view and analyze the category of religion and its associated concepts, practices, and meanings in all areas of life. The program emphasizes the academic study of religion, and does not privilege any particular tradition or belief. This program can be completed online, although not every course in each category is offered as an online course.

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses
■ Required Courses (21 hrs)
  Studying Religion and Culture 3 hrs
  REL 2000 Introduction to Religious Studies 3 hrs

Traditions
■ Must select one in each category
  Abrahamic Traditions 6 hrs
  REL 3403 Christianity or 3 hrs
  REL 3363 Islam or 3 hrs
  REL 3320 Moses, Jesus and Muhammad or 3 hrs
  REL 3432 Roots of Western Mysticism or 3 hrs
  JST 3401 Jewish People in Antiquity 3 hrs

Asian and Indigenous Traditions 3 hrs
■ REL 3340 Buddhist Thought or 3 hrs
■ ANT 3245 Native American Religions or 3 hrs
■ REL 3333 Hinduism 3 hrs

Theories and Methods 6 hrs
■ Must select one in each category
  Religion 3 hrs
  REL 4936 Key Figures in Religion and Cultural Studies or 3 hrs
  REL 4496 Key Concepts in Religion and Cultural Studies or 3 hrs
  PHI 3700 Philosophy of Religion 3 hrs

Cultural Studies 3 hrs
■ HUM 4459 American Cultural Studies in Humanities or 3 hrs
■ HUM 3085 Critical Theory in the Humanities or 3 hrs
■ HUM 3326 Theories of Sex and Gender in Humanities or 3 hrs
■ HUM 4823 Queer Theory in the Humanities or 3 hrs
■ HUM 4826 Postcolonial Theory or 3 hrs
■ PHI 4804 Critical Theory 3 hrs

Religion in Culture 6 hrs
■ Must select two from the following:
  REL 3111 Religion and Philosophy Through Film 3 hrs
  REL 3115 Religion, Spirituality, and Popular Music 3 hrs
  REL 3130 Religion in America 3 hrs
  REL 4110 Religion and the Arts 3 hrs
  REL 4180 Religion and Medicine 3 hrs
  REL 3112 Religion and 20th Century Fantasy Texts 3 hrs
  REL 3101 Religion in Popular Culture 3 hrs
  ANT 3241 Magic, Ritual, and Belief 3 hrs
  JST 3550 Introduction of Modernism into Judaism 3 hrs
  POT 4632 Religion and Politics 3 hrs
  SYO 4200 Religion in Society 3 hrs

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 21

Other Requirements
■ A "C" (2.0) grade or better is required in all courses used to satisfy the minor.
■ At least 12 hours used in the minor must be earned at UCF.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior approval by the Director.
Russian Studies - Minor
College of Arts and Humanities
Department of History, Colbourn Hall, Room: 551
Email: History@ucf.edu
Dr. Vladimir Solonari
Dr. Alla Kourova
Phone: 407-823-6617

Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses
- Language Classes 6 hrs
  - RUS 2200 Intermediate Russian Language and Civilization I 3 hrs
  - RUS 2201 Intermediate Russian Language and Civilization II 3 hrs

Restricted Electives
- History 6 hrs
  - EUH 4571 History of Russia to 1801 3 hrs
  - EUH 4574 History of Russia: 1801-1917 3 hrs
  - EUH 4576 History of Russia in the 20th Century 3 hrs
  - EUH 4663 History of Communism in Europe 3 hrs

Government/Politics 3 hrs
- CPO 3614 Politics of Eastern Europe 3 hrs
- CPO 4643 Government and Politics of Russia 3 hrs
- PLA 4830 World Legal Systems 3 hrs
- POT 4414 Marxist Political Theory 3 hrs

Cultural 3 hrs
- LIT 3082 Continental European Fiction Since 1900 3 hrs
- LIT 4233 Postcolonial Theory and Literature 3 hrs
- RUT 3505 Russian Culture and Civilization 3 hrs
- RUS 3955 Study Abroad 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Science Education - Minor
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://education.ucf.edu/science/
Gwyndolyn Crittenden, ED 223E, Gwyndolyn.Crittenden@ucf.edu, 407-623-1862
Dr. Janet Andreasen, ED 123Q, Janet.Andreasen@ucf.edu, 407-823-5430

The Science Education minor is intended for non-Science Education majors. It is well suited for students majoring in another secondary content area or as an area for students enrolled in Interdisciplinary Studies. This minor is available for students in the 2008 catalog year and beyond.

Minor Admission Requirements
- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (19 hrs)
- EDG 4410 Teaching Strategies and Classroom Management 3 hrs
- EDF 4467 Learning Theory and Assessment 3 hrs
- TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
- SCE 4360 Science Instructional Analysis 4 hrs
- SCE 4361 Programs in Teaching Science 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 19

Other Requirements
- Students should see an advisor prior to registering for classes
- Students must complete 18 hrs of courses in science as co-requisites
- Recommended courses include: BSC 2010C, BSC 2011C, CHM 2045C, CHM 2046, PHY 2053C or PSC 1121
- At least 12 hours in the minor must be earned at UCF
- Obtain a minimum 2.5 GPA in courses required for minor

Secure Computing and Networks - Minor
College of Engineering and Computer Science
Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 346
http://www.eecs.ucf.edu
Dr. Mark Llewellyn, markl@cs.ucf.edu, 407-823-3327

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (6 hrs)
- CIS 3360 Security in Computing 3 hrs
- CIS 3362 Cryptography and Information Security 3 hrs

Restricted Electives (12 hrs)
- Elective Courses: Select any four courses from the following list.
- Select 4: 12 hrs
  - CNT 4403 Network Security and Privacy or Secure Operating Systems and Administration or 3 hrs
  - CIS 4361 Secure Software Development and Assurance or 3 hrs
  - CIS 4615 Design and Implementation of Computer Communication Networks or 3 hrs
  - CNT 4703C Communication Networks or Analysis of Computer Communication Networks or 3 hrs
  - COP 4600 Operating Systems or 3 hrs
  - EEL 4781 Computer Communication Networks 3 hrs

UNIVERSITY OF CENTRAL FLORIDA
Minors

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ A minimum GPA of 2.0 is required in all the courses used to satisfy the minor
■ No credit by exam (TSD, Military credit) may be used
■ Internship, Co-op, or Independent Study credit cannot be used toward the minor

Social Science Education - Minor
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 209
http://education.ucf.edu/ssed/
Dr. Scott Waring, ED 206J, Scott.Waring@ucf.edu, 407-823-1766
Dr. Janet Andreasen, ED 123Q, Janet.Andreasen@ucf.edu, 407-823-5430

The Social Science Education minor is intended for non-Social Science Education majors. It is well suited for students majoring in another secondary content area or as an area for students enrolled in Interdisciplinary Studies. This minor is available for students in the 2008 catalog year and beyond.

Minor Admission Requirements
■ Have a minimum 2.5 overall GPA
■ Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses (18 hrs)
■ A C- or better is required in these courses
EDG 4410 Teaching Strategies and Classroom Management 3 hrs
EDF 4467 Learning Theory and Assessment 3 hrs
TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
RED 4043 Content Reading in Kindergarten through Grade 12 Students in Schools 3 hrs
SSE 4361 Social Science Instructional Analysis Programs in Teaching Social Science 3 hrs

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ Students should see an advisor prior to registering for classes
■ Students must complete 18 hrs of courses in social science as co-requisites
■ At least 12 hours in the minor must be earned at UCF
■ Obtain a minimum 2.5 GPA in courses required for minor

Sociology - Minor
College of Sciences
Department of Sociology,
Howard Phillips Hall, Room: 403
http://sociology.ucf.edu/
Email: sociology@ucf.edu
Dr. J. Jasinski, Jana.Jasinski@ucf.edu
Phone: 407-823-3744

Minor Admission Requirements
■ The minor is not open to Sociology majors.

Minor Requirements
■ Students must earn a minimum GPA of at least 2.0 in all courses used to satisfy the minor.
■ Grades below “C” (2.0) in lower level courses are not accepted.
■ At least 15 hours used in the minor must be earned at UCF within the department of Sociology.
■ No more than 3 hours of Independent Study credit can be used toward the minor.

Prerequisite Courses
■ Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses
■ SYG 2000 Introduction to Sociology (3 hrs)

Restricted Electives
■ 2000-4000 level Sociology courses (15 hrs)

Restriction Upper Division Electives
■ 3000-4000 level Sociology courses (12 hrs)

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ No credit by exam (TSD, Military credit) may be used.
■ Co-op or internship credit cannot be used toward the minor.

Spanish - Minor
College of Arts and Humanities
Department of Modern Languages and Literatures,
Colbourn Hall, Room: 523
http://mll.cah.ucf.edu/
Email: ffacult@ucf.edu
Phone: 407-823-2472

Minor Admission Requirements
■ None

Minor Requirements
■ None

Prerequisite Courses
■ None

Required Courses
■ None

Restricted Electives (18 hrs)
■ A native or near-native speaker must substitute an alternate upper division course for the advanced oral communication course.
■ Approval of a departmental advisor is required prior to registration.
■ Select six upper division courses in Spanish, including the following courses:
SPN 3300 Advanced Spanish Grammar and Composition 3 hrs
SPN 3760 Advanced Spanish Oral Communication 3 hrs
SPN 3420 Spanish Composition 3 hrs
Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum grade of “C” (2.0) is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental permission.

Sport Business Management (SPB):
Business Majors - Minor
DeVos Sport Business Management,
Business Administration II, Room: 205
http://web.bus.ucf.edu/sportbusiness/?page=1689
Dr. Scott Bukstein, Program Coordinator for SPB Minor, scott.bukstein@ucf.edu, 407-823-1513

Open to Business majors only. There are different curriculum and course requirements for Non-Business majors. Minor will only be awarded at the time of business degree completion. A 2.5 GPA in the minor is required in order to receive this minor.

Minor Admission Requirements
- Completion of Common Program Prerequisites and Admission to a major within the College of Business Administration

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- SPB 3003 Introduction to Sport Business Management 3 hrs
- SPB 3603 Diversity and Social Issues in Sport 3 hrs
- SPB 3823 The Role of Business Entrepreneurship in Sports/Entertainment 3 hrs
- MAR 4711 Sport Marketing 3 hrs

Restricted Electives (6 hrs)
- SPB 4304 Sports Event and Facility Management 3 hrs
- SPB 4804 Sport Business and Media 3 hrs
- GEB 4824 Business Law in Sport & Entertainment 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- SPB 3003 is the prerequisite for all other required and restricted elective courses in the minor, except MAR 4711 which has MAR 3023 as a prerequisite.
- Students must have sophomore, junior or senior standing to enroll in SPB 3003.
- Students must earn a grade of a “C” (2.0) or better, or an “S” grade, in courses within the minor in order to take additional courses in the minor.
- Students must maintain a minimum GPA of 2.5 to be enrolled in courses within the minor.
- No credit by exam (CLEP, TSD, Military credit) may be used to satisfy any of the credit hour requirements in the minor.
- Internship, Independent Study, and Directed Research credit hours may be applied toward the requirements of completing the minor only if the credit hours are approved by the appropriate Department Chair.

At least nine credit hours must be earned at UCF within the DeVos undergraduate Sport Business Management Minor program.
A maximum of six credit hours of the above-listed required or elective courses can count toward another major or minor degree program.

Sport Business Management (SPB):
Non-Business Majors - Minor
College of Business Administration
DeVos Sport Business Management,
Business Administration II, Room: 205
http://web.bus.ucf.edu/sportbusiness/?page=1689
Dr. Scott Bukstein, Program Coordinator for SPB Minor, scott.bukstein@ucf.edu, 407-823-1513

Open to Non-Business Majors only. There are different curriculum and course requirements for Business majors. A 2.5 GPA in the minor is required in order to receive this minor.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (18 hrs)
- SPB 3003 Introduction to Sport Business Management 3 hrs
- FIN 2100 Personal Finance and Investments 3 hrs
- MAR 3023 Marketing 3 hrs

Required Courses (9 hrs)
- SPB 3603 Diversity and Social Issues in Sport 3 hrs
- SPB 3823 The Role of Business Entrepreneurship in Sports/Entertainment 3 hrs
- MAR 4711 Sport Marketing 3 hrs

Restricted Electives (6 hrs)
- SPB 4304 Sports Event and Facility Management 3 hrs
- SPB 4804 Sport Business and Media 3 hrs
- GEB 4824 Business Law in Sport & Entertainment 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 24

Other Requirements
- SPB 3003 is the prerequisite for all other required and restricted elective courses in the minor, except MAR 4711 which has MAR 3023 as a prerequisite. However, students may (but are not required to) take FIN 2100 and MAR 3023 before taking SPB 3003.
- Students must have sophomore, junior or senior standing to enroll in SPB 3003.
- Students must earn a grade of “C” (2.0) or better, or an “S” grade, in courses within the minor in order to take additional courses in the minor.
- Students must maintain a minimum GPA of 2.5 to be enrolled in courses within the minor.
- No credit by exam (CLEP, TSD, Military credit) may be used to satisfy any of the credit hour requirements in the minor.
- Internship, Independent Study, and Directed Research credit hours may be applied toward the requirements of completing the minor only if the credit hours are approved by the appropriate Department Chair.
Minors

- At least nine credit hours must be earned at UCF within the DeVos undergraduate Sport Business Management Minor program.
- A maximum of six credit hours of the above-listed required or elective courses can count toward another major or minor degree program.

Statistics - Minor
College of Sciences
Department of Statistics, Computer Center II, Room: 212
http://statistics.cos.ucf.edu/
Email: statistics@ucf.edu
Dr. David Nickerson, david.nickerson@ucf.edu
Phone: 407-823-2289

Minor Admission Requirements
- The minor is not open to Statistics majors.

Minor Requirements
- A minimum grade of “C” (2.0) is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department of Statistics.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (9 hrs)
- STA 4163  Statistical Methods II  3 hrs
- STA 4164  Statistical Methods III  3 hrs

Select 1:
- STA 2023  Statistical Methods I or 3 hrs
- STA 3032  Probability and Statistics for Engineers  3 hrs

Restricted Electives (9 hrs)
- Select from upper division STA prefix courses taught within the Statistics Department.
- The following course CAN NOT be used as a restricted elective:
  - STA 3032  Probability and Statistics for Engineers  3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Technical Education and Industry Training - Minor
College of Education and Human Performance
Department of Child, Family and Community Sciences, Education Complex, Room: ED 123 N
http://education.ucf.edu/teched/
Email:
Dr. Jo Ann M. Whiteman, JoAnn.Whiteman@ucf.edu, 407-325-6293

The minor in Technical Education and Industry Training provides a limited, but substantive experience in the area of technical education and industry training of adults. The minor is not available to students in the College of Education and Human Performance with the exception of Sport and Exercise Science. The minor does not lead to teacher certification or admission to the College of Education and Human Performance. All courses are offered solely using the Web. This minor is available for students in the 2003 catalog year and beyond.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (18 hrs)
- ADE 4382  Teaching Adult Learners in Technical Programs  3 hrs
- ECT 3062  Professional Roles of the Career & Technical Teacher  3 hrs
- ECT 3367  Evaluation of Career & Technical Education Instruction  3 hrs
- ECT 4110  Curriculum Development Techniques for Industry Training  3 hrs
- ECT 4104  Principles and Practices of Technical Education  3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum of 4 courses of the 6 required must be completed at UCF within the program of courses listed above.
- A grade of “C” (2.0) or better must be achieved in each course used for this Minor.
- Internship, Co-op, or Independent Study credit cannot be used towards this Minor.
- No Military credit can be used toward this Minor.
- Completion of this Minor does not complete requirements for certification as a Vocational Education teacher nor does it constitute admission to the College of Education and Human Performance.

Technological Entrepreneurship - Minor
College of Business Administration
Department of Management, Business Administration, Room: 309
http://www.cei.ucf.edu
Cameron Ford, cford@ucf.edu
Phone: 407-823-5569

The Technological Entrepreneurship Minor offers students an opportunity to blend technical expertise with broad entrepreneurial thinking skills. This combination prepares students to create and manage technology ventures, including projects developed within corporate settings.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- GEB 4110  Business Plan Preparation  3 hrs
- GEB 4111  New Venture Finance  3 hrs
- GEB 4152  Tech Innovation & Entrepreneurship  3 hrs
Terrorism Studies - Minor
College of Sciences
Department of Political Science, Howard Phillips Hall, Room: 302
http://www.cos.ucf.edu/politicalscience
Email: politics@ucf.edu
Dr. Paul Vasquez
Phone: 407-823-2608

Awareness of and knowledge about terrorism and counter-terrorism are increasingly essential in a variety of public and private sector organizations. Students in this minor will gain knowledge in competing ideologies that give rise to terrorism, coercive techniques in international affairs, global security management, and key aspects of American security policy. In addition to a core understanding of terrorism, the focus on a specific area of geographic or strategic interest will meet the market needs for individuals with substantive area knowledge. This minor program is available to students from varied disciplines to enhance their capability to address the threat of terrorism and understand how it might impact their own field.

Admission Requirements
- None

Minor Requirements
- A grade of "C" (2.0) or better is required in all courses counting towards the minor.
- At least 15 hours used in the minor must be taken at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internships, independent study and substitute courses/ new courses are allowed at the director’s discretion (for a maximum of 3 credit hours).
- No more than 3 credit hours may overlap with any other major or minor.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POS 3253</td>
<td>Contemporary Revolution and Political Violence</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LAH 3400</td>
<td>History of Mexico and Central America</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4243</td>
<td>International Politics of Latin America</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Upper Division Electives (3000 level or above)

- Two classes focused on regional/issue area study. Classes to be chosen in consultation with the program director. Students are encouraged to propose course selections that are relevant to their expertise (e.g. computer science/cyber-warfare, physical sciences/bio-weapons proliferation by non-state actors) for approval by program director. The pairings below serve as examples only.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 3403</td>
<td>Politics of the Middle East and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ASH 3223</td>
<td>The Modern Middle East</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LAH 3400</td>
<td>History of Mexico and Central America</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4243</td>
<td>International Politics of Latin America</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Foreign Language Requirements
- None

Theatre - Minor
College of Arts and Humanities
Department of Theatre, Performing Arts Center, Room: T210A
http://theatre.cah.ucf.edu/
Email: theatre@ucf.edu
407-823-2862

Minor Admission Requirements
- Email the following application materials to theatre@ucf.edu:
  - A statement of why you want to become a Theatre Minor
### Minors

**Prerequisite Courses**
- None

**Minor Requirements**
- None

**Required Courses (12 hrs)**
- THE 2000 Theatre Survey 3 hrs
- THE 3006 Greece to Grease: Development of Theatre 3 hrs
- TPP 2101 Fundamentals of Acting 3 hrs
- TPA 2200 Introduction to Technical Theatre 2 hrs
- TPA 2200L Theatre Participation-Production I 1 hr

**Restricted Electives (6 hrs)**
- Any DAA, DAN, TPA, or TPP course taught by the Theatre Department and not already applied toward a program requirement. Independent Study, Undergraduate Research and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved by the Theatre Department Undergraduate Coordinator.

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 18

**Other Requirements**
- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.
- No credit by exam (TSD, Military credit) may be used.

---

### Urban and Regional Planning - Minor

**College of Health and Public Affairs**

**School of Public Administration, Health and Public Affairs II, Room: 238**

**Email: pa/ba/bs@ucf.edu**

Dr. Michael Abeles  
Phone: 407-823-2604

Urban and regional planning is one area of public administration that has seen considerable growth over the past few years. Areas like Central Florida need many professionals who assist government, communities, and private sector planning organizations to provide growth that is environmentally feasible, aesthetically attractive, socially and politically acceptable, technically sustainable, and economically dynamic. This minor looks at all of these diverse and competing interests, and provides the basics for those interested in employment in this area of great demand. Students who pursue a minor in urban and regional planning may find positions as a city planner, urban designer, planning specialist, environmental program manager, or economic development specialist, among others.

**Minor Admission Requirements**
- None

**Minor Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses (21 hrs)**
- PAD 3300 Urban and Regional Planning 3 hrs
- PAD 4712 Information Systems for Public Managers and Planners 3 hrs
- PAD 4331 Land Use and Planning 3 hrs
- PAD 4334 Urban Design 3 hrs
- PAD 4253 Community & Economic Development 3 hrs
- PAD 4351 Issues in Environmental Program Management 3 hrs
- PAD 4803 Issues in Urban Administration 3 hrs

**Restricted Electives**

**Suggested Courses**
- Students in the Minor program are strongly encouraged to take the following courses as electives to enhance their understanding of the field.
  - PAD 4822 Intergovernmental Administration 3 hrs
  - PAD 4390 Hazard Mitigation and Preparedness 3 hrs
  - PAD 4392 Emergency Management and Homeland Security

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 21

**Other Requirements**
- A minimum grade of "C" (2.0) is required in each course used to satisfy the minor.
- At least 15 hours used to satisfy the minor must be earned at UCF within the department.
- Internship or Independent Study credit cannot be used toward the minor.
- No credit by exam (TSD, Military credit) may be used.

---

### Women's Studies - Minor

**College of Arts and Humanities**

**Program in Women's Studies, Colbourn Hall, Room: 118**

**Email: womenst@ucf.edu**

Dr. M.C. Santana, 407-823-6502  
Phone: 407-823-6502

The Women's Studies minor provides students with an opportunity to learn about women's historical and contemporary roles, gain a working knowledge of interdisciplinary feminist scholarship, and reflect critically on their life experiences as shaped by gender and other forms of diversity. Courses are drawn from various departments and schools, including Anthropology, Art, Communication, Criminal Justice and Legal Studies, Film, English, Exceptional and Physical Education, Health Professions and Physical Therapy, History, Philosophy, Political Science, Psychology, Nursing, Social Work, Sociology, Theatre, and the Women's Studies Program.

**Minor Admission Requirements**
- None

**Minor Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses (12 hrs)**
- WST 3015 Introduction to Women's Studies 3 hrs
- WST 3550 Gender and Feminist Studies 3 hrs
- WST 3561 First and Second Wave Feminisms or 3 hrs
- WST 3562 Third Wave Feminisms or 3 hrs
- WST 3563 Ecofeminism or 3 hrs
- WST 3621 Theories of Masculinity or 3 hrs
- WST 3622 First and Second Wave Feminisms or 3 hrs
- WST 3623 Third Wave Feminisms or 3 hrs
- LIT 4554 Advanced Feminist Theories or 3 hrs
- LIT 4555 Global and Transnational Feminism or 3 hrs
- WST 4349 Ecofeminism or 3 hrs
- WST 4371 First and Second Wave Feminisms or 3 hrs
- WST 4415 Global and Transnational Feminism or 3 hrs
- WST 4416 Advanced Feminist Theories or 3 hrs
- WST 4417 Ecofeminism or 3 hrs
- WST 4418 First and Second Wave Feminisms or 3 hrs
- WST 4419 Third Wave Feminisms or 3 hrs
- WST 4420 Theories of Masculinity or 3 hrs
- WST 4421 First and Second Wave Feminisms or 3 hrs
- WST 4422 Third Wave Feminisms or 3 hrs
- WST 4423 Ecofeminism or 3 hrs
- WST 4424 Theories of Masculinity or 3 hrs
- WST 4425 First and Second Wave Feminisms or 3 hrs
- WST 4426 Third Wave Feminisms or 3 hrs
- WST 4427 Ecofeminism or 3 hrs
- WST 4428 Theories of Masculinity or 3 hrs
- WST 4429 First and Second Wave Feminisms or 3 hrs
- WST 4430 Third Wave Feminisms or 3 hrs
- WST 4431 Ecofeminism or 3 hrs
- WST 4432 Theories of Masculinity or 3 hrs
- WST 4433 First and Second Wave Feminisms or 3 hrs
- WST 4434 Third Wave Feminisms or 3 hrs
- WST 4435 Ecofeminism or 3 hrs
- WST 4436 Theories of Masculinity or 3 hrs
- WST 4437 First and Second Wave Feminisms or 3 hrs
- WST 4438 Third Wave Feminisms or 3 hrs
- WST 4439 Ecofeminism or 3 hrs
- WST 4440 Theories of Masculinity or 3 hrs

**Other Requirements**
- A minimum grade of "C" (2.0) is required in each course used to satisfy the minor.
- At least 15 hours used to satisfy the minor must be earned at UCF within the department.
- Internship or Independent Study credit cannot be used toward the minor.
- No credit by exam (TSD, Military credit) may be used.

---

**Women's Studies - Minor**

**College of Arts and Humanities**

**Program in Women's Studies, Colbourn Hall, Room: 118**

**Email: womenst@ucf.edu**

Dr. M.C. Santana, 407-823-6502  
Phone: 407-823-6502

The Women's Studies minor provides students with an opportunity to learn about women's historical and contemporary roles, gain a working knowledge of interdisciplinary feminist scholarship, and reflect critically on their life experiences as shaped by gender and other forms of diversity. Courses are drawn from various departments and schools, including Anthropology, Art, Communication, Criminal Justice and Legal Studies, Film, English, Exceptional and Physical Education, Health Professions and Physical Therapy, History, Philosophy, Political Science, Psychology, Nursing, Social Work, Sociology, Theatre, and the Women's Studies Program.

**Minor Admission Requirements**
- None

**Minor Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses (12 hrs)**
- WST 3015 Introduction to Women's Studies 3 hrs
- WST 3550 Gender and Feminist Studies 3 hrs
- WST 3561 First and Second Wave Feminisms or 3 hrs
- WST 3562 Third Wave Feminisms or 3 hrs
- WST 3621 Theories of Masculinity or 3 hrs
- WST 4349 Ecofeminism or 3 hrs
- WST 4415 Global and Transnational Feminism or 3 hrs
- WST 4554 Advanced Feminist Theories or 3 hrs
- PHM 3123 Feminist Theories or 3 hrs

**Select 3:**
- Select three courses from the Theories Group:
  - WST 3550 Gender and Feminist Studies 3 hrs
  - WST 3561 First and Second Wave Feminisms or 3 hrs
  - WST 3562 Third Wave Feminisms or 3 hrs
  - WST 3621 Theories of Masculinity or 3 hrs
  - WST 4349 Ecofeminism or 3 hrs
  - WST 4415 Global and Transnational Feminism or 3 hrs
  - UT 4554 Advanced Feminist Theories or 3 hrs
  - PHM 3123 Feminist Theories or 3 hrs
Minors

Women's History count toward the minor.
Topics credit toward the minor only with the approval of the program director. No more than one 2000-level course will count toward the minor.

Women's Studies Disciplinary Approaches
WST 3020  Girls' Studies  3 hrs
WST 3371  Women and Leadership  3 hrs
WST 3460  Women, Race and Struggle  3 hrs
WST 3500  Gender Issues and Community Activism  3 hrs
WST 3522  First and Second Wave Feminisms  3 hrs
WST 3621  Theories of Masculinity  3 hrs
WST 4002  Research in Women and Gender Studies  3 hrs
WST 4021  Girls and Leadership  3 hrs
WST 4349  Ecofeminism  3 hrs
WST 4415  Global and Transnational Feminism  3 hrs

Women's History
AMH 3561  Women in American History I  3 hrs
AMH 3562  Women in American History II  3 hrs
ASH 4304  Women in China  3 hrs
EUF 4610  Women in European Society: From Medieval to Modern  3 hrs
AMH 4680  Women in American Science  3 hrs
JST 3510  Notable Women in Jewish History  3 hrs

Representations of Women
AML 3263  Contemporary American Women’s Fiction  3 hrs
ARH 4871  Women in Art  3 hrs
COM 4014  Gender Issues in Communication  3 hrs
FIL 3800C  Images of Women in Film  3 hrs
LIT 3383  Women in Literature  3 hrs
LIT 3823  Hispanic Women Writers  3 hrs
PHM 3022  Sexuality, Gender & Philosophy  3 hrs
LIT 3381  Women Writers of Color  3 hrs
AML 3286  Early American Women’s Words  3 hrs

Women’s Wellness
CLP 3164  Women’s Mental Health  3 hrs
NSP 4425  Women’s Health Issues  3 hrs
SOP 3742  Psychology of Women  3 hrs

Women and Social Policy
ANT 3302  Sex, Gender and Culture  3 hrs
CCJ 4670  Women and Crime  3 hrs
CCJ 4681  Domestic Violence and the Justice System  3 hrs
CPO 4710  Women in Comparative Politics  3 hrs
INR 4085  Women, Gender, and Globalization  3 hrs
PUP 3325  Women and Political Behavior  3 hrs
PUP 4323  Women and Public Policy  3 hrs
SYD 4810  Women in Contemporary Society  3 hrs
SYD 4813  Women, Law and Social Change  3 hrs
SYO 4100  Family Trends  3 hrs
SYD 3800  Sex and Gender in Society  3 hrs
PHI 3629  Family Values  3 hrs

Foreign Language Requirements
None

Total Semester Hours Required
18

Other Requirements
Minimum grade of “C” (2.0) is required in each course used to satisfy the minor.
At least 12 hours used in the minor must be earned at UCF.
No credit by exam (TSD, military credit) may be used.

World Comparative Studies - Minor
Office of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
http://www.is.ucf.edu
Email: is@ucf.edu
Phone: 407-823-0144

The World Comparative Studies (WCS) minor is an interdisciplinary academic program intended to prepare students to live and work in, and make sense of, an increasingly interdependent and multicultural world. Students with an interest in international studies, as well as careers in business, communications, economics, education, environmental science, history, and politics, are invited to consider the minor as a supplement to their major. All students must engage in an approved international experience. The language proficiency requirement must also be met.

Minor Admission Requirements
None

Minor Requirements
None

Prerequisite Courses
None

Required Courses
IDS 3333  World Comparative Studies  3 hrs

Restricted Electives
Thematic Concentrations: Select five courses from within one of the concentrations below. Courses not on the list may be taken with the prior approval of the program adviser. Students must meet all prerequisites before enrolling in these courses. No more than 6 hours of coursework may overlap in a student’s major and this minor without permission of the Interdisciplinary Studies office. Two upper division foreign language courses (6 hours) may be substituted in any of the thematic concentrations.

Language and Culture
Regional courses: Students may take up to two courses dealing with at least two regions of the world in consultation with academic advisor in the Office of Interdisciplinary Studies.

AEC 3302  Language and Culture  3 hrs
AEC 3345  Archaeology of Complex Societies  3 hrs
ANT 3319  Slavery, Resistance, and Cultural  3 hrs
ANT 3321  Notable Women in Jewish History  3 hrs
ANT 3322  Sexuality, Gender & Philosophy  3 hrs
ANT 3323  Women in Literature  3 hrs
ANT 3324  Women Writers of Color  3 hrs
ANT 3325  Women Writers of Color  3 hrs
ANT 3326  Early American Women’s Words  3 hrs

Economics
ANT 4702  Culture, Power and Development  3 hrs
ECP 3302  Economics and the Environment  3 hrs
ECS 4013  Development Economics  3 hrs
ECP 4302  Economics and the Environment  3 hrs
HFT 3866C  Exploring Wines of the World  3 hrs
HFT 4894  International Gastronomy  3 hrs
REL 3363  Islam  3 hrs

Biological and Geophysical Environment
IDS 3150  Foundations of Environmental Studies  3 hrs
ECP 3302  Economics and the Environment  3 hrs
SYD 4510  Environment and Society  3 hrs
HFT 4735  Tourism Geography  3 hrs
HFT 3700  Tourism Management  3 hrs
INR 4085  International Political Economy  3 hrs
World Languages Education - Languages Other Than English (LOTE) - Minor

College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Complex, Room: 220L
http://education.ucf.edu/language
Dr. Karen Verkler, Karen.Verkler@ucf.edu, 407-823-5235

The World Languages Education - Languages Other Than English (LOTE) minor is intended for non-World Languages Education - Languages Other Than English (LOTE) majors. It is well suited for College of Education and Human Performance students majoring in another secondary content area. It is also intended to provide for university students outside the College of Education and Human Performance (such as students enrolled in Interdisciplinary Studies, International and Global Studies, or programs in the Department of Modern Languages and Literatures) a limited but substantial experience in the field of professional education. Students who successfully complete this minor can expect to increase their marketability in educational careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the K-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Education and Human Performance.

Minor Admission Requirements
- Minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or the equivalent, i.e., an AA degree from a Florida College System or State University System institution.

Minor Requirements
- Students should see an advisor prior to registering for classes. A grade of "C" (2.0) or better is required in each course used to satisfy the minor. At least 12 hours used in the minor must be earned at UCF.

Required Courses
- EDG 4410 Teaching Strategies and Classroom Management (3 hrs)
- EDG 4467 Learning Theory and Assessment (3 hrs)
- TSL 4080 Theory and Practice of Teaching ESOL (3 hrs)
- TSL 4943 L2 Academic Language Instruction (3 hrs)
- TSL 4942 ESOL Field Experience (3 hrs)

Select 1:
- TSL 4240 Issues in Second Language Acquisition or (3 hrs)
- TSL 4945 ESOL Clinical Experience (3 hrs)

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- None

World Independent Specialization
- Any five upper division courses from the approved list of courses in any thematic concentration may be selected for this option with approval of the Interdisciplinary Studies office.

Foreign Language Requirements
- Students must demonstrate the equivalent of one year of successful college-level study in a foreign language. They can do this either by successful completion of the appropriate college-level course(s) or by examination.

Total Semester Hours Required
- 18

Other Requirements
- A grade of "C" (2.0) or above is required in each course used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study and international experiences require prior approval from the Interdisciplinary Studies advisors to be used in the minor.

Admission Requirements
- Minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or the equivalent, i.e., an AA degree from a Florida College System or State University System institution.

Minor Requirements
- Students should see an advisor prior to registering for classes. A grade of "C" (2.0) or better is required in each course used to satisfy the minor. At least 12 hours used in the minor must be earned at UCF.

Prerequisite Courses
- None

UNIVERSITY OF CENTRAL FLORIDA
FLE 4314 Foreign Language Teaching in Elementary Schools 3 hrs
TSL 4943 L2 Academic Language Instruction 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- None

Writing and Rhetoric - Minor
College of Arts and Humanities
Department of Writing and Rhetoric, Colbourn Hall, Room: 301 B
http://writingandrhetoric.cah.ucf.edu/
Dr. Blake Scott, Program Director, bscott@ucf.edu, 407-823-1057
Adele Richardson, Program Advisor, adele@ucf.edu, 407-823-0349

The Minor in Writing and Rhetoric will provide students with the in-depth study and practice of writing and rhetoric. The curriculum emphasizes civic, professional, and digital writing.

Minor Admission Requirements

Transfer Notes
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. Student must provide all supporting information.

Minor Requirements
- Students should consult with a department advisor.
- Students cannot earn both the Minor in Writing and Rhetoric and the Certificate in Public and Professional Writing.

Prerequisite Courses
- None

Required Courses (3 hrs)
- Students should take core course as early in the program as possible.
  ENC 3331 Rhetoric and Civic Engagement 3 hrs

Restricted Electives (15 hrs)
Theories and Histories of Writing, Rhetoric, and Literacy
- Students must take at least one course from the following:
  ENC 3330 Rhetorical Traditions 3 hrs
  ENC 3373 Cultural Rhetorics 3 hrs
  ENC 3331 Essay as Cultural Commentary 3 hrs
  ENC 3315 Argumentative Writing 3 hrs
  ENC 4353 Writing for Social Change 3 hrs
  ENC 3375 Rhetoric in Popular Culture 3 hrs
  ENC 3454 Writing with Communities and Nonprofits 3 hrs
  ENC 3372 Topics in Civic Rhetoric and Writing 3 hrs
  ENC 3378 Writing in Global and Transnational Contexts 3 hrs

Applications of Writing and Rhetoric (6 hrs)
- Students must take at least two courses from the following two groups. Students can take one course from each group or two courses from one of the groups.

  Civic Rhetoric and Writing
  ENC 3311 Essay as Cultural Commentary 3 hrs
  ENC 3315 Argumentative Writing 3 hrs
  ENC 4353 Writing for Social Change 3 hrs
  ENC 3375 Rhetoric in Popular Culture 3 hrs
  ENC 3454 Writing with Communities and Nonprofits 3 hrs
  ENC 3372 Topics in Civic Rhetoric and Writing 3 hrs
  ENC 3378 Writing in Global and Transnational Contexts 3 hrs

  Professional and Digital Writing
  ENC 3250 Professional Writing 3 hrs
  ENC 4212 Professional Editing 3 hrs
  ENC 3453 Writing About Health and Medicine 3 hrs
  ENC 3455 Writing about Science and Technology 3 hrs
  ENC 3454 Topics in Professional and Digital Writing 3 hrs
  ENC 3473 Writing in Disciplinary Cultures 3 hrs
  ENC 3351 Writing for Publication 3 hrs
  ENC 4416 Writing in Digital Environments 3 hrs
  ENG 3633 Marketing Your Writing 3 hrs
  ENC 3433 Multimedia Writing and Composition 3 hrs
  ENC 4275 Theory and Practice of Tutoring Writing 3 hrs

  Additional Restricted Electives (6 hrs)
  - Students must take at least 6 hours from the following:
  - Any 3000 or 4000 level ENC, LIN, or CRW course not used to satisfy another requirement of the minor.
  - Any 3000 or 4000 level writing intensive course approved by the program director. See program director or advisor for list of approved courses.

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- Students must complete an electronic writing portfolio approved by the program director or advisor.
- Students must earn a minimum of a 2.5 GPA overall in coursework used to satisfy the minor.
- A grade of “C” (2.0) or better is required in each course used to satisfy the minor.
- At least 12 hours used to satisfy the minor must be taken from the Department of Writing and Rhetoric at UCF.
Aging Studies - Certificate
College of Health and Public Affairs
School of Social Work,
Health and Public Affairs I, Room: 204
Email: socialwk@ucf.edu
Dr. Denise Gammonley
Phone: 407-823-2114

In recognition of the special needs of the older adults in Central Florida, the school offers a 15-credit interdisciplinary program open to all students in any major. This certificate prepares students for careers in applied gerontology, research, public service or for graduate training. Courses focus on the physiological, psychological, sociological, environmental, cultural, legal-ethical and public policy issues affecting older adults. Students majoring in health professions, biomedical sciences, criminal justice and legal studies, hospitality management, psychology, social work, nursing, sociology, business, exercise science, physical education, communication sciences and disorders or education find study of the aging process especially helpful.

Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
■ None

Certificate Requirements
■ A required internship, along with course options that include service-learning activities, complements the web-based course of study.
■ Students select one of the internship courses listed below depending on their major. BSW majors must take the 9 credit hour field education course.

Prerequisite Courses
■ None

Required Courses (6 hrs)
GET 3001 Gerontology: An Interdisciplinary Overview 3 hrs

Required Internship: (Select one) 3 hrs
1 SOW 4510 Field Education 9 hrs
2 SOW 4941 Internship 9 hrs
HSA 4941 Internship 3 hrs
PSY 3951 Undergraduate Field Work 3 hrs
SYP 4941 Internship 3 hrs

Restricted Electives (9 hrs)
Students select three additional courses from the following courses: A maximum of two courses must be taken from the College of Health and Public Affairs and at least one course must be taken from other colleges.

College of Health and Public Affairs (6 hrs)
HSA 4220 Long Term Patient Management 3 hrs
HSA 3222 Long Term Care Administration 3 hrs
HSC 4564 Health Care Needs of the Elderly 3 hrs
PLA 4530 Legal Issues of the Elderly 3 hrs
SOW 4645 Social Services for the Elderly 3 hrs
NUR 4226 Gerontologic Nursing 3 hrs
SOW 3740 Social Work Practice with Loss & Life's Transitions 3 hrs

Other Colleges (3 hrs)
DEP 3464 Psychology of Aging 3 hrs
SYP 4730 Patterns of Aging in Society 3 hrs
1 SYP 5007 Women and Healthy Aging 3 hrs
SYP 4732 Minority Aging 3 hrs

1 Open to undergraduates with senior standing

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 15

Behavioral Forensics - Certificate
College of Sciences
Department of Psychology,
Psychology Building, Room: 301
Email: kmottare@ucf.edu
Dr. Karen Mottarella
Phone: 321-433-7982

This certificate must be completed along with a Bachelor’s degree program of study. Certificates will be awarded only at the time of degree completion. The Behavioral Forensics Certificate is an interdisciplinary course of study that focuses on ways society attempts to recognize and deal with various forms of criminal behavior. The certificate exposes students to the practice of psychology within the legal system, including topics such as confidentiality, competency, and insanity. Students should view this certificate only as a way to shape and organize their coursework in this particular area of study; the certificate shows potential graduate schools and employers that students have been exposed to behavioral forensics.

Certificate Admission Requirements
■ None

Certificate Requirements
■ A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.
■ Grades below “C” (2.0) in lower level courses are not accepted.
■ At least 12 hours used in the certificate must be earned at UCF.

Prerequisite Courses (12 hrs)
Most courses for this certificate will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Take all of the following: 6 hrs
■ Complete both:
PSY 2072 General Psychology and 3 hrs
SYG 2000 Introduction to Sociology 3 hrs

Take all of the following: 6 hrs
■ Complete both classes:
PPE 3003 Personality Theory and Research and SYP 3510 Sociology of Deviant Behavior 3 hrs

Required Courses (9 hrs)
CLP 4390 Forensic Psychology 3 hrs
SOP 3751 Legal Aspects of Psychology 3 hrs
SYP 3520 Criminology 3 hrs

Restricted Electives (12 hrs)
Note: It is the student’s responsibility to meet all prerequisites for every course selected

Psychology: Select from the following: 3 hrs
CLP 3143 Abnormal Psychology 3 hrs
CLP 3302 Clinical Psychology 3 hrs
CLP 4134 Childhood Psychopathology 3 hrs
PCO 4203C Interviewing and Counseling 3 hrs

Sociology: Select from the following: 6 hrs
SYP 3511 Sociology of Murder 3 hrs
SYP 3530 Juvenile Delinquency 3 hrs
SYP 3540 Sociology of Law 3 hrs

UNIVERSITY OF CENTRAL FLORIDA
396 Undergraduate Catalog 2014-2015
Other Requirements
- Total Semester Hours Required
- Foreign Language Requirements
- Restricted Electives
  - 2 (for part-time students over two semesters)

Certificate Requirements
- Certificate Admission Requirements
  - None
- Certificate Requirements
- Prerequisite Courses
- Required Courses (18 hrs)
  - SOW 4654 Crime in America
- Select 1: 9 hrs
  - SOW 4510 Field Education or
  - SOW 4941 Internship

Foreign Language Requirements
- None

Total Semester Hours Required
- 33

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the certificate without prior consent.

Children's Services - Certificate
College of Health and Public Affairs
School of Social Work,
Health and Public Affairs I, Room: 204
Email: socialwk@ucf.edu
BSW Coordinator
Phone: 407-823-2114

This certificate is awarded only to students in the undergraduate social work program. The Children's Services Certificate is designed to help students learn about practice considerations in providing services to children and families. Students are prepared to identify a variety of problems such as child abuse, neglect, childhood trauma, and family dynamics essential for identifying service delivery to this population. This certificate includes both classroom academic work and a specialized field internship. This certificate assists in improving services to children and their families. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
- Must be a BSW major.

Certificate Requirements
- Placement in an agency that serves children.
- Students need to discuss their interest in the certificate with the field office when BSW placements are being arranged.

Prerequisite Courses
- None

Required Courses (18 hrs)
- SOW 3352 Practice II: Interpersonal Skills in Social Work
- SOW 4654 Children's Services
- SOW 4650 Child Abuse: Treatment and Prevention

Select 1: 9 hrs
- SOW 4510 Field Education or
- SOW 4941 Internship

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- None

Other Requirements
- Total Semester Hours Required
- None

Foreign Language Requirements
- None

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate without prior consent.

Crime Scene Investigation - Certificate
College of Health and Public Affairs
College of Sciences
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
Email: cjadvise@ucf.edu
R. Cory Watkins, 407-823-2603

Crime scene processing is increasingly becoming a multi-disciplinary endeavor with the application of technologically advanced methods. Treatment of the initial crime scene is fundamental not only to the pursuit of offenders but also to the presentation of the prosecutor’s case once offenders have been apprehended. The certificate program is a means of organizing information required to perform
basic crime scene investigations. It provides theoretical and practical information used to assess crime scenes, the technology available and the procedures to employ in order to produce a forensically valuable product. The program requires 15 credit hours of undergraduate work. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
- None

Certificate Requirements
- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the program must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit may not be used toward the program.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (12 hrs)
- Note: some courses have limited offerings, and should be taken when available.
  - ANT 4521 Forensic Anthropology 3 hrs
  - CJE 4012 Criminal Profiling in Criminal Justice 3 hrs
  - CJE 4610 Criminal Investigation 3 hrs

Restricted Electives (3 hrs)
- Select from the following courses:
  - ANT 3115 Archaeological Method and Theory 3 hrs
  - CCJ 4195 Interviews & Interrogations in CJ 3 hrs
  - CHS 3501 Introduction to Forensic Science 3 hrs
  - CJE 4630 Serial Murder and Criminal Justice 3 hrs
  - SYP 3511 Sociology of Murder 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- Course substitutions must be approved by both departments in advance.

Criminal Profiling - Certificate
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
Mark Winton, cjadvise@ucf.edu, 407-823-2603

New and more sophisticated techniques and tools of criminal investigation are being developed to assist in meeting the challenges facing today’s law enforcement officers. One area that is becoming formalized in law enforcement is criminal profiling. The certificate program in Criminal Profiling is a way of organizing the fundamental information and education required for profiling. It provides both the theoretical and practical information related to the types of crimes for which profiling is most useful. The program requires 15 credit hours of undergraduate work. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
- None

Certificate Requirements
- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses
- There are no certificate program prerequisites; however individual courses may have prerequisites.

Required Courses (12 hrs)
- CHS 3501 Introduction to Forensic Science 3 hrs
- CJE 4012 Criminal Profiling in Criminal Justice 3 hrs
- CJE 4610 Criminal Investigation 3 hrs
- SYP 3511 Sociology of Murder 3 hrs

Restricted Electives (3 hrs)
- Select one of the following:
  - DSC 4012 Terrorism 3 hrs
  - CJE 4610 Criminal Investigation 3 hrs
  - CCJ 4195 Interviews & Interrogations in CJ 3 hrs

Foreign Language Requirements
- None
Select two courses from the following list: 6 hrs

- PUP 3203 Environmental Politics 3 hrs
- PUP 3204 Sustainability 3 hrs
- SYD 4510 Environment and Society 3 hrs

Latin American area (choose two classes) 6 hrs
- ANT 3163 Mesoamerican Archaeology 3 hrs
- ANT 3168 Maya Archaeology 3 hrs
- ANT 4332 People and Cultures of Latin America 3 hrs
- ANT 4340 Caribbean Cultures 3 hrs
- ARH 4653 Meso American Art 3 hrs
- CPO 4303 Comparative Latin American Politics 3 hrs
- LAH 3400 History of Mexico and Central America 3 hrs
- LAH 3470 History of the Caribbean 3 hrs
- LAH 3130 Latin American History I 3 hrs
- LAH 3000 Modern Latin America 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- A grade of "C" or above (2.0) is required in each course used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Independent Study or Co-op credit cannot be used toward the certificate without prior permission of the program director.

Diplomacy - Certificate

College of Arts and Humanities

Department of Political Science, Phillips Hall, Room: 302
Department of History, Colbourn Hall, Room: 551

http://politics.ucf.edu/

In an increasingly shrinking, interdependent world, an understanding of diplomacy and diplomatic processes is critical for work in global business, international organizations and government. Students who complete this certificate program will have gained experience in diplomatic history, concepts, theories, methods, protocol and practice. For degree-seeking students, certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
- None

Certificate Requirements
- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the participating departments.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (9 hrs)
- INR 4030 Diplomacy 3 hrs
- AMH 4513 United States as a Great Power: 1945-Present 3 hrs
- INR 4102 American Foreign Policy 3 hrs

Restricted Electives (6 hrs)
- Select two courses from the following list: 6 hrs
  - INR 4114 American Security Policy or 3 hrs
  - INR 4054 Global Politics of Energy or 3 hrs
  - INR 4074 Immigration Policy or 3 hrs
  - INR 4075 Human Rights Policy or 3 hrs
  - INR 4076 Global Drug Policy or 3 hrs
  - INR 4174 Politics of International Trade Policy or 3 hrs
  - INR 4104 Topics and Cases in American Foreign Policy or 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- A grade of "C" (2.0) or better is required in each course used to satisfy the certificate.
- A minimum GPA of 2.5 of all Gordon Rule classes is required.
- Independent Study or Co-op credit cannot be used toward the certificate without prior permission of the program director.

Educational Studies - Certificate

College of Education and Human Performance

School of Teaching, Learning, and Leadership, Education Building, Room: 220B

http://education.ucf.edu/edcert

Email: wwise@ucf.edu

Dr. W. Scott Wise, ED 220B
Phone: 407-823-1502

The Educational Studies certificate is intended to provide for students outside the College of Education and Human Performance a limited but substantial experience in the fields of professional education. Students who successfully complete this certificate can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This certificate is designed to promote student success on the Florida Teacher Certification Exams but does not qualify students for teacher certification or admission into the College of Education and Human Performance. An Educational Studies minor that includes a sixth course is also an option. This certificate is available for students in the 2007 catalog year and beyond.

Certificate Admission Requirements
- None

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs
- EDF 4667 Learning Theory and Assessment 3 hrs
- EDF 4410 Teaching Strategies and Classroom Management 3 hrs
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

Restricted Electives (3 hrs)
- Choose one:
  - MAE 4534 Programs in Teaching of Mathematics 3 hrs
  - SSE 4836 Programs in Teaching Social Science 3 hrs
  - LAE 4464 Survey of Adolescent Literature 3 hrs
  - LAE 4342 Programs in Teaching Language and Composition 3 hrs
  - SCE 4361 Programs in Teaching Science 3 hrs
  - PET 4710 Methods for Physical Activity for Children and Adolescents 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- A grade of "C" (2.0) or better is required in each course used to satisfy the certificate.

At least 12 hours used in the certificate must be earned at UCF within the participating departments.
## Certificates

- At least 9 hours used in the certificate must be earned at UCF.
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.
- Completion of the certificate does not complete the requirements for teacher certification nor does it constitute admission to the College of Education and Human Performance.

### Engineering Leadership - Certificate

**College of Engineering and Computer Science**  
Dr. Timothy Kotnour, Timothy.Kotnour@ucf.edu, 407-823-5645

Provides a knowledge base in technical leadership and management principles and practices in a technical environment. This certificate is designed to enhance the student’s marketability, preparation and career viability as they enter the engineering and computer science professions.

#### Admission Requirements
- Students must have a declared Computer Science or engineering major. Not open to students in engineering pending majors.

#### Certificate Requirements
- None

#### Prerequisite Courses
- None

#### Required Courses (12 hrs)
- Discipline specific design course in engineering or Computer Science 3 hrs
- EGS 3030 Leadership in Engineering I 0 hrs
- EGS 3031 Leadership in Engineering II 0 hrs
- EGS 4950 Engineering Leadership Capstone 3 hrs

#### Pick 2 of the following courses (6 hrs)
- GEB 4152 Tech Innovation & Entrepreneurship 3 hrs
- EGS 4624 Engineering Innovation and Leadership 3 hrs
- MAR 3391 Professional Selling 3 hrs

1. Engineering Leadership Capstone

#### Restricted Electives
- None

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 12

#### Other Requirements
- None

### Finance: Banking - Certificate

**College of Business Administration**  
Department of Finance,  
Business Administration I, Room: 409  

Restricted to finance majors. These certificates do not require additional hours beyond the finance major program. They are intended to allow students to develop specializations in areas of interest. Certificates will be awarded only at the time of degree completion.

#### Certificate Admission Requirements
- None

#### Certificate Requirements
- No course grade lower than a C will be accepted for the certificate requirements, and the average GPA for the four courses must be 3.0 or higher.
- An internship must be a paid internship with a financial services firm, and must be approved by the Department of Finance Internship coordinator.

#### Prerequisite Courses
- None

#### Required Courses (12 hrs)
- FIN 4324 Commercial Bank Management 3 hrs
- ACG 3131 Intermediate Financial Accounting I 3 hrs
- ACG 3141 Intermediate Financial Accounting II 3 hrs

#### Select 1:
- MAR 3391 Professional Selling 3 hrs
- FIN 4941 Finance Internship 3 hrs

#### Restricted Electives
- None

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 12

#### Other Requirements
- None

### Finance: Corporate Finance - Certificate

**College of Business Administration**  
Department of Finance,  
Business Administration I, Room: 409  

*Restricted to finance majors. These certificates do not require additional hours beyond the finance major program. They are intended to allow students to develop specializations in areas of interest. Certificates will be awarded only at the time of degree completion.*

#### Certificate Admission Requirements
- None

#### Certificate Requirements
- No course grade lower than a C will be accepted for the certificate requirements, and the average GPA for the four courses must be 3.0 or higher.
- An internship must be a paid internship with a financial services firm, and must be approved by the Department of Finance Internship coordinator.

#### Prerequisite Courses
- None

#### Required Courses (12 hrs)
- ACG 3131 Intermediate Financial Accounting I 3 hrs
- FIN 3414 Intermediate Corporate Finance 3 hrs
- FIN 4941 Finance Internship 3 hrs
- ACG 3141 Intermediate Financial Accounting II 3 hrs

#### Restricted Electives
- None

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 12

#### Other Requirements
- None
Choose from the following:
3 hrs

Restricted Electives (3 hrs)

Required Courses (12 hrs)

Consent of instructor. Exceptions are identified below.

General electives, or a student can enroll into courses with
completed as a part of a student’s GEP requirement, as

- Prerequisite Courses
- Certificate Requirements
- No course grade lower than a C will be accepted for the certificate requirements, and the average GPA for the four courses must be 3.0 or higher.
- An internship must be a paid internship with a financial services firm, and must be approved by the Department of Finance Internship coordinator.

Prerequisite Courses
- None

Required Courses (12 hrs)

FIN 3504 Investment Analysis 3 hrs
FIN 4514 Portfolio Analysis and Management 3 hrs
FIN 4533 Financial Derivatives 3 hrs
FIN 4941 Finance Internship 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- No more than three credit hours from the Finance Internship may be used to satisfy internal restricted electives of the Human Communication (formerly Interpersonal-Organizational) major.
- Communication majors must take their elective outside of the school of communication.

Human Biology - Certificate
College of Sciences
Department of Anthropology
http://cos.ucf.edu/anthropology

Human Biology - Certificate
College of Sciences
Department of Biology
http://cos.ucf.edu/biology

The Human Biology certificate blends biological anthropology with a foundation in anatomy and the biological sciences. The minor is especially appropriate for anthropology, biology, and biomedical sciences students seeking an enhanced and interdisciplinary foundation in human biology.

Certificates will be awarded only at the time of degree completion.

Admission Requirements
- None
- A minimum overall 2.0 GPA is required in courses used to satisfy the requirement.
- At least 12 hours used toward the certificate must be earned at UCF within the participating departments.
- Students must select and meet with a certificate advisor in either the Anthropology or Biology department.

Certificate Requirements
- None

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (7 hrs)

ANT 2511 The Human Species 3 hrs
BSC 2010C Biology I 4 hrs

Restricted Electives (12 hrs)

Anthropology majors must select courses from Restricted Electives Group A.
- Biology majors must select courses from Restricted Electives Group B.
- Biomedical Sciences majors must select courses from Restricted Electives Group C.

Restricted Electives Group A:
- Anthropology Majors select four courses from the list below:
  - BSC 201C Biology II 4 hrs
  - PCB 3044 Principles of Ecology 3 hrs
  - PCB 3063 Genetics 3 hrs
  - PCB 3703C Human Physiology 4 hrs
  - ZOO 3701C Human Gross Anatomy & Dissection 3 hrs

Restricted Electives Group B:
- Communication Majors select four courses from the list below:
  - COM 3222 Health Communication 3 hrs
  - COM 4559 Health Communication Campaigns 3 hrs
  - MMC 2004 Mass Media 3 hrs
  - PUR 4000 Public Relations 3 hrs

Restricted Electives Group C:
- Communication Majors select four courses from the list below:
  - COM 3222 Health Communication 3 hrs
  - COM 4559 Health Communication Campaigns 3 hrs
  - MMC 2004 Mass Media 3 hrs
  - PUR 4000 Public Relations 3 hrs

Choose from the following:

- ANT 4408 Culture, Disease, and Healing 3 hrs
- ANT 4462 Medical Anthropology 3 hrs

COM 3120 Organizational Communication 3 hrs
COM 3330 Computer Mediated Communication 3 hrs
HSA 3012 Issues & Trends in Public Health 3 hrs
HSA 3111 U.S. Health Care Systems 3 hrs
HSC 4201 Community Health 3 hrs
RTV 4403 Electronic Media, Technology, and Society 3 hrs
SPC 4540 Persuasion and Communication 3 hrs

HSC 4201 Community Health 3 hrs
RTV 4403 Electronic Media, Technology, and Society 3 hrs
SPC 4540 Persuasion and Communication 3 hrs

ANT 2511 The Human Species 3 hrs
BSC 2010C Biology I 4 hrs

ANT 4408 Culture, Disease, and Healing 3 hrs
ANT 4462 Medical Anthropology 3 hrs

ANT 2511 The Human Species 3 hrs
BSC 2010C Biology I 4 hrs
Certificates

Certificate Requirements

Certificate Admission Requirements

Certificate Requirements

Restricted Electives Group B:
- Biology Majors select four courses from the list below:
  - ANT 3115 Archaeological Method and Theory 3 hrs
  - ANT 3541 Biobehavioral Anthropology 3 hrs
  - ANT 3550C Primatology 3 hrs
  - ANT 4027 Mummies, Life After Death 3 hrs
  - ANT 4462 Medical Anthropology 3 hrs
  - ANT 4467 Nutritional Anthropology 3 hrs
  - ANT 4516 Human Biological Diversity 3 hrs
  - ANT 4521 Forensic Anthropology 3 hrs
  - ANT 4525C Human Osteology 4 hrs
  - ANT 4568C Human Origins 3 hrs

Restricted Electives Group C:
- Biomedical Sciences Majors select four courses from the list below:
  - ANT 3541 Biobehavioral Anthropology 3 hrs
  - ANT 3550C Primatology 3 hrs
  - ANT 4027 Mummies, Life After Death 3 hrs
  - ANT 4462 Medical Anthropology 3 hrs
  - ANT 4467 Nutritional Anthropology 3 hrs
  - ANT 4516 Human Biological Diversity 3 hrs
  - ANT 4521 Forensic Anthropology 3 hrs
  - ANT 4525C Human Osteology 4 hrs
  - ANT 4568C Human Origins 3 hrs
  - PCB 4683 Evolutionary Biology 4 hrs
  - ZOO 4513 Animal Behavior 3 hrs
  - ZOO 3733C Human Anatomy 4 hrs
  - ZOO 3713C Comparative Vertebrate Anatomy 5 hrs

Foreign Language Requirements

Total Semester Hours Required
- 19

Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Internship, research, or Independent Study credit can be used to replace one restricted elective course with approval from a certificate advisor.
- Majors other than Anthropology, Biology, or Biomedical Sciences may earn The Human Biology Certificate but must select courses with a certificate advisor.
- One course substitution for the Human Biology Certificate will only be allowed with prior approval from a certificate advisor.

Judaic Studies - Certificate
College of Arts and Humanities
Program in Judaic Studies,
Colbourn Hall, Room: 415 E-J
http://www.judaicstudies.cah.ucf.edu
Email: judaicst@ucf.edu
Dr. Moshe Pelli, 407-823-5039

The Interdisciplinary Program in Judaic Studies offers both a minor and a certificate. The Program cooperates with the departments of Anthropology, English, Modern Languages, History, Philosophy, Political Science, and Sociology, and with the Interdisciplinary Studies, Women's Studies, Religious Studies, and Middle Eastern Studies programs. The certificate in Judaic Studies will be awarded to students completing 15 hours in the following Judaic Studies courses. For minor requirements, refer to the section on Judaic Studies Minor.

Certificate Admission Requirements

Certificate Requirements

Prerequisite Courses
- None

Required Courses (15 hrs)

<table>
<thead>
<tr>
<th>Language</th>
<th>Course Code</th>
<th>Course Title</th>
<th>SEM HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HBR 1120</td>
<td>Elementary Modern Hebrew Language and Culture I</td>
<td>4 hrs</td>
<td></td>
</tr>
<tr>
<td>HBR 1121</td>
<td>Elementary Modern Hebrew Language and Culture II</td>
<td>4 hrs</td>
<td></td>
</tr>
<tr>
<td>HBR 2200</td>
<td>Intermediate Modern Hebrew I</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>HBR 2201</td>
<td>Intermediate Modern Hebrew II</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>HBR 3250</td>
<td>Biblical Hebrew</td>
<td>3 hrs</td>
<td></td>
</tr>
<tr>
<td>HBR 3410</td>
<td>Conversational Israeli Hebrew</td>
<td>3 hrs</td>
<td></td>
</tr>
</tbody>
</table>

Jewish History
- JST 3401 Jewish People in Antiquity 3 hrs
- JST 3402 Wanderings: The Jewish People in Dispersion 3 hrs

Bible
- JST 3120 Hebrew Scriptures 3 hrs
- JST 3125 The Book of Job 3 hrs
- JST 3126 Romantic Love in the Bible 3 hrs
- JST 3144 Dead Sea Scrolls 3 hrs
- JST 3190 The Biblical Prophets 3 hrs
- JST 3424 Biblical Archaeology 3 hrs

Literature
- JST 3100 The Hebrew Creative Mind 3 hrs
- JST 3312 Identity and Genre 3 hrs
- JST 3751 Literature of the Holocaust 3 hrs
- JST 3803 The Israeli Experience in Short Stories 3 hrs

Jewish Civilization
- JST 3005 Tenets of Judaism 3 hrs
- JST 3120 Classic Texts of Judaism 3 hrs
- JST 3210 Kabbalah: Jewish Mysticism 3 hrs
- JST 3620 Contemporary Jewish Ethics and Morality 3 hrs

Culture
- JST 3450 Modern Jewish Experience 3 hrs
- JST 3810 The Jewish National Movement and Roots of Zionism 3 hrs
- JST 3820 Modern Israeli Culture 3 hrs
- JST 3551 The Holy and the Profane: The Introduction of Secularism into Modern Judaism 3 hrs
- JST 3550 Introduction of Modernism into Judaism 3 hrs
- JST 3821 Building a Nation - the Challenges to and Accomplishments of the State of Israel 3 hrs

Other courses, including special topics, with the approval of the Director

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 19

Other Requirements
- A grade of “C” (2.0) or better is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the certificate.
- Hebrew qualifies for Foreign Language requirement.
Language Development and Disorders - Certificate
College of Health and Public Affairs
Department of Communication Sciences and Disorders, Health and Public Affairs II, Room: 101
http://www.cohpa.ucf.edu/comdis
Email: csundergraduate@ucf.edu
Phone: 407-823-4798

Language disorders are the most prevalent communication disorder. Typically children, adolescents and adults with language disorders are served via a team approach that includes speech-language pathologists, psychologists, neurologists, pediatricians, nurses, social workers, physical therapists, occupational therapists, school counselors, and general and special educators. This certificate is designed for undergraduate students who are not majoring or minoring in Communication Sciences and Disorders but are in disciplines related to speech-language pathology who wish to pursue a special emphasis in language development and disorders in children, adolescents and adults. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
□ None
Certificate Requirements
□ None
Prerequisite Courses
□ None

Required Courses (11 hrs)
- LIN 3716 Language Development 3 hrs
- SPA 4400 Language Disorders Across the Life Span 3 hrs
- LIN 3716L Language Development Lab 2 hrs
- LIN 3713 Language Science 3 hrs

Restricted Electives
□ None

Total Semester Hours Required
□ 11

Other Requirements
□ A minimum grade of "C-" (1.75) is required in each course.
□ Students must earn an overall GPA of 2.0 in courses to complete the certificate.
□ At least 10 hours used in the program must be earned at UCF with the Department of Communication Sciences and Disorders.
□ No credit by exam (TSD, Military credit) internship or independent study may be used toward the certificate.

Leadership Studies - Certificate
Office of Undergraduate Studies
Office of Interdisciplinary Studies, Classroom I, Room: 302
http://www.is.ucf.edu
Email: is@ucf.edu
Phone: 407-823-0144

The Leadership Studies (LS) certificate is an interdisciplinary academic program that focuses on developing several dimensions of leadership understanding and skills for undergraduate students. The certificate builds upon foundational courses with specific aspects of leadership covered.

Certificate will be awarded only at time of degree completion.

Certificate Admission Requirements
□ None
Certificate Requirements
□ None

Prerequisite Courses
□ None

Required Courses (13 hrs)
- LDR 2001 Foundations of Leadership 2 hrs
- LDR 2002 Intermediate Foundations of Leadership 2 hrs

Restricted Requirements 9 hrs
□ Choose one course from three of the areas below:

Communication
- COM 3011C Communication and Human Relations or 3 hrs
- COM 3120 Organizational Communication or 3 hrs
- COM 4461 Intercultural Communication or 3 hrs
- COM 4462 Conflict Management 3 hrs

Collaboration
- INP 3004 Industrial/Organizational Psychology or 3 hrs
- INP 4313 Organizational Psychology or 3 hrs
- MAN 4240 Organizations: Theory and Behavior or 3 hrs
- MAN 3025 Management of Organizations or 3 hrs
- SPC 4426 Group Dynamics 3 hrs

Social Relations and Culture
- ANT 3541 Biobehavioral Anthropology or 3 hrs
- CLP 3143 Abnormal Psychology or 3 hrs
- COM 4461 Intercultural Communication or 3 hrs
- EXP 3304C Motivation or 3 hrs
- SOP 3043C Social Psychology or 3 hrs
- SOP 3723 Cross Cultural Psychology or 3 hrs
- SOP 3742 Psychology of Women or 3 hrs
- SOP 3764 Psychology of Diversity 3 hrs

Politics
- PAD 3003 Public Administration in American Society or 3 hrs
- PAD 4104 Administrative Theory or 3 hrs
- PAD 4144 Nonprofit Organizations or 3 hrs
- PAF 4754 Interdisciplinary Leadership in Public Affairs or 3 hrs
- POS 3413 The American Presidency or 3 hrs
- POS 4206 Political Psychology or 3 hrs
- PUP 3325 Women and Political Behavior 3 hrs

Ethics
- BUL 3130 Legal and Ethical Environment of Business or 3 hrs
- EDF 3601 Professional Ethics in Education or 3 hrs
- PAD 3040 Ethics and Values in Public Administration or 3 hrs
- PHI 2108 Critical Thinking or 3 hrs
- PHI 3640 Environmental Ethics 3 hrs

Restricted Electives
□ None

Foreign Language Requirements
□ None

Total Semester Hours Required
□ 13

Other Requirements
□ Earn a grade of "C" (2.0) or better in each course used to satisfy the certificate.
□ At least 12 credit hours used in the certificate must be earned at UCF.
□ No credit by exam (TSD, Military credit) may be used.
□ Internship, Co-op, or Independent Study credit cannot be used toward the certificate.
□ Students cannot complete both the Leadership Studies certificate and the Leadership Studies minor.

Marketing: e-Marketing - Certificate
College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.
Certificates

Certificate Admission Requirements
- Restricted to Marketing majors
- These six hours count as elective marketing hours required in the major

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (6 hrs)
- MAR 4941 Marketing Internship 3 hrs
- MAR 3721 Digital Media Marketing 3 hrs

1 Internship in "e"-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 6

Other Requirements
- None

Marketing: Entertainment Marketing - Certificate
College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.

Certificate Admission Requirements
- Restricted to Marketing majors
- These six hours count as elective marketing hours required in the major.

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (6 hrs)
- MAR 4715 Entertainment Marketing 3 hrs
- MAR 4941 Marketing Internship 3 hrs

1 Internship in entertainment-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 6

Other Requirements
- None

Marketing: Healthcare Marketing - Certificate
College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.

Certificate Admission Requirements
- Restricted to Marketing majors
- These six hours count as elective marketing hours required in the major.

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (6 hrs)
- MAR 4712 Healthcare Marketing 3 hrs
- MAR 4941 Marketing Internship 3 hrs

1 Internship in healthcare-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 6

Other Requirements
- None

Marketing: Retailing Management - Certificate
College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.

Certificate Admission Requirements
- Restricted to Marketing Majors
- These six hours count as elective marketing hours required in the major.

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (6 hrs)
- MAR 4231 Retailing Management 3 hrs
- MAR 4941 Marketing Internship 3 hrs

1 Internship in retail-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 6

Other Requirements
- None

Marketing: Selling and Sales Management - Certificate
College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.

Certificate Admission Requirements
- Restricted to Marketing Majors
- These six hours count as elective marketing hours required in the major.

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses
- MAR 3403 Sales Force Management 3 hrs
- MAR 4941 Marketing Internship 3 hrs

1 Internship in sales-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 6

Other Requirements
- None
Native American Studies - Certificate

College of Sciences
Department of Anthropology
http://anthropology.cos.ucf.edu
Email: anthro@ucf.edu
Dr. Rosalyn Howard, 407-823-2227

The Departments of Anthropology, History, English, Political Science, and Latin American Studies offer courses that support this Certificate. Significantly, this Certificate will provide an alternative to students majoring in Anthropology who wish to focus on Native American Studies but who are precluded from taking the Minor in the North American Indian Studies Program since it is administered in the Department of Anthropology. This certificate program will expand the study of Native peoples who reside in other regions of the Americas currently not covered by the North American Indian Studies program. This Certificate is appropriate for all UCF undergraduates.

Certificates will be awarded only at the time of degree completion.

Admission Requirements

■ None

Certificate Requirements

■ A minimum overall 2.0 GPA is required in courses used to satisfy the requirement.
■ At least 12 hours used toward the certificate must be earned at UCF within the participating departments.
■ Anthropology majors may apply only two Anthropology courses from the Certificate program curriculum toward the Anthropology Major course requirements.

Prerequisite Courses

■ Most courses for this certificate will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Required Courses

■ ANT 2000 General Anthropology 3 hrs
■ AMH 2010 U.S. History: 1492-1877 3 hrs
■ AMH 2020 U.S. History: 1877-Present 3 hrs

(9 hrs)

At least 12 hours used toward the certificate must be earned at UCF within the participating departments.

Restricted Electives

■ Choose from the following:
■ AMH 3441 History of the Frontier: Eastern America 3 hrs
■ AMH 3580 North American Indians 3 hrs
■ ANT 3152 Indians of the Southwest 3 hrs
■ ANT 3158 Florida Archaeology 3 hrs
■ ANT 3160 Americas Before Columbus 3 hrs
■ ANT 3163 Mesoamerican Archaeology 3 hrs
■ ANT 3164 Ancient Incas 3 hrs
■ ANT 3165 Archaeology of South America 3 hrs
■ ANT 3168 Maya Archaeology 3 hrs
■ ANT 3311 Indians of the Southeastern United States 3 hrs
■ ANT 3398 Black/Seminole Relations 3 hrs
■ ANT 4332 People and Cultures of Latin America 3 hrs
■ AMS 3101 Latin American Popular Culture 3 hrs
■ CPD 4794 Indigenous Politics and the Environment 3 hrs
■ POS 3076 American Indian Politics 3 hrs

Foreign Language Requirements

■ None

Marketing: Sport Marketing Management - Certificate

College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.

Certificate Admission Requirements

■ Restricted to Marketing majors
■ These six hours count as elective marketing hours required for the major.

Prerequisite Courses

■ None

Required Courses

■ MAR 4941 Marketing Internship 3 hrs

(6 hrs)

Internship in sports-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives

■ None

Marketing: Services Marketing - Certificate

College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

Certificates will be awarded only at the time of Marketing degree completion.

Certificate Admission Requirements

■ Restricted to Marketing majors
■ These six hours count as elective marketing hours required for the major.

Prerequisite Courses

■ None

Required Courses

■ MAR 4941 Marketing Internship 3 hrs

(6 hrs)

Internship in services-related position. Certificate attainment is subject to the availability of internship opportunities in the area of interest.

Restricted Electives

■ None

Native American Studies - Certificate

College of Sciences
Department of Anthropology
http://anthropology.cos.ucf.edu
Email: anthro@ucf.edu
Dr. Rosalyn Howard, 407-823-2227

The Departments of Anthropology, History, English, Political Science, and Latin American Studies offer courses that support this Certificate. Significantly, this Certificate will provide an alternative to students majoring in Anthropology who wish to focus on Native American Studies but who are precluded from taking the Minor in the North American Indian Studies Program since it is administered in the Department of Anthropology. This certificate program will expand the study of Native peoples who reside in other regions of the Americas currently not covered by the North American Indian Studies program. This Certificate is appropriate for all UCF undergraduates.

Certificates will be awarded only at the time of degree completion.

Admission Requirements

■ None

Certificate Requirements

■ A minimum overall 2.0 GPA is required in courses used to satisfy the requirement.
■ At least 12 hours used toward the certificate must be earned at UCF within the participating departments.
■ Anthropology majors may apply only two Anthropology courses from the Certificate program curriculum toward the Anthropology Major course requirements.

Prerequisite Courses

■ Most courses for this certificate will have prerequisites completed as a part of a student’s GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Required Courses

■ ANT 2000 General Anthropology 3 hrs
■ AMH 2010 U.S. History: 1492-1877 3 hrs
■ AMH 2020 U.S. History: 1877-Present 3 hrs

(9 hrs)

At least 12 hours used toward the certificate must be earned at UCF within the participating departments.

Restricted Electives

■ Choose from the following:
■ AMH 3441 History of the Frontier: Eastern America 3 hrs
■ AMH 3580 North American Indians 3 hrs
■ ANT 3152 Indians of the Southwest 3 hrs
■ ANT 3158 Florida Archaeology 3 hrs
■ ANT 3160 Americas Before Columbus 3 hrs
■ ANT 3163 Mesoamerican Archaeology 3 hrs
■ ANT 3164 Ancient Incas 3 hrs
■ ANT 3165 Archaeology of South America 3 hrs
■ ANT 3168 Maya Archaeology 3 hrs
■ ANT 3311 Indians of the Southeastern United States 3 hrs
■ ANT 3398 Black/Seminole Relations 3 hrs
■ ANT 4332 People and Cultures of Latin America 3 hrs
■ AMS 3101 Latin American Popular Culture 3 hrs
■ CPD 4794 Indigenous Politics and the Environment 3 hrs
■ POS 3076 American Indian Politics 3 hrs

Foreign Language Requirements

■ None
Certificates

Nonprofit Management - Certificate
College of Health and Public Affairs
School of Public Administration,
Health and Public Affairs II, Room: 238
http://www.cohpa.ucf.edu/pubadm
Email: pa/ba/bs@ucf.edu
Mary Ann Feldheim, 407-823-2604

The Certificate program will provide basic knowledge in nonprofit management, resource development, volunteer management, strategic planning, and program evaluation for those students interested in nonprofit sector management as a career.

Certificate Admission Requirements
- None
Certificate Requirements
- None
Prerequisite Courses
- None

Required Courses (15 hrs)
- PAD 4144 Nonprofit Organizations 3 hrs
- PAD 4148 Volunteer Management 3 hrs
- PAD 4147 Resource Development in the Nonprofit Sector 3 hrs
- PAD 4325 Program Evaluation for Public and Nonprofit Organizations 3 hrs
- PAD 4153 Planning and Improvement for Public Organizations 3 hrs

Restricted Electives (6 hrs)
- See advisor for approved courses

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Other Requirements
- A minimum grade of “C” (2.0) is required in each course.
- At least 12 hours used in the program must be earned at UCF within the Department of Public Administration

Public and Professional Writing - Certificate
College of Arts and Humanities
Department of Writing and Rhetoric,
Colbourn Hall, Room: 301 B
http://writingandrhetoric.cah.ucf.edu/
Dr. Blake Scott, Program Director, bscott@ucf.edu, 407-823-1057
Adele Richardson, Program Advisor, adele@ucf.edu, 407-823-0349

The Certificate in Public and Professional Writing will provide students with additional training and experience in workplace and public (i.e., civic, community-based) writing.

Certificate Admission Requirements
Transfer Notes
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. Student must provide all appropriate documentation.
Certificate Requirements
- Students should consult with a department advisor.
- Students cannot earn both the Certificate in Public and Professional Writing and the Minor in Writing and Rhetoric.
Prerequisite Courses
- None

Required Courses (6 hrs)
- ENC 3331 Rhetoric and Civic Engagement 3 hrs

Select 1: 3 hrs
- ENC 3250 Professional Writing or 3 hrs
- ENC 3241 Writing for the Technical Professional or 3 hrs
- ENC 3211 Theory and Practice of Technical Writing 3 hrs

Restricted Electives (6 hrs)
Applications of Public and Professional Writing
- Students must take one of the following courses:
  - ENC 3311 Essay as Cultural Commentary 3 hrs
  - ENC 3315 Argumentative Writing 3 hrs
  - ENC 3351 Writing for Publication 3 hrs
  - ENC 4334 Writing with Communities and Nonprofits 3 hrs
  - ENC 4416 Writing in Digital Environments 3 hrs
  - ENC 4212 Professional Editing 3 hrs
  - ENC 3453 Writing About Health and Medicine 3 hrs
  - ENC 3455 Writing about Science and Technology 3 hrs
  - ENC 4353 Writing for Social Change 3 hrs
  - ENC 3833 Marketing Your Writing 3 hrs
  - ENC 3433 Multimedia Writing and Composition 3 hrs
  - ENC 4378 Writing in Global and Transnational Contexts 3 hrs

Additional Restricted Elective 3 hrs
- Students must take one of the following courses:
  - Any 3000 or 4000 level ENC, LIN, or CRW course not used to satisfy another requirement of the certificate.
  - Any 3000 or 4000 level writing intensive course approved by the program director. See program director or advisor for list of approved courses.

Foreign Language Requirements
- None

Total Semester Hours Required
- 12

Other Requirements
- Students must complete an electronic writing portfolio approved by the program director or advisor.
- Students must earn a minimum of a 2.5 GPA overall in coursework used to satisfy the certificate.
- A grade of “C” (2.0) or better is required in each course used to satisfy the certificate.
- At least 6 hours used to satisfy the certificate must be taken from the Department of Writing and Rhetoric at UCF.

Real Estate: Mortgage Brokerage - Certificate
College of Business Administration
Dr. P. Phillips School of Real Estate,
Business Administration II, Room: 101
http://web.bus.ucf.edu/realestate/

Restricted to real estate majors. These certificates do not require additional hours beyond the BSBA real estate major program. They are intended to allow students to develop specializations in specific areas of interest and to prepare for licensing exams. Certificates will be awarded only at the time of degree completion.

Completion of this certificate qualifies a student to sit for the Florida mortgage broker’s license.

Certificate Admission Requirements
- None

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (15 hrs)
- REE 3043 Fundamentals of Real Estate 3 hrs
- REE 3433 Real Estate Law 3 hrs
- REE 4204 Residential Real Estate Finance 3 hrs
- REE 4203 Commercial Real Estate Finance 3 hrs

Select 1: 3 hrs
- MAR 3391 Professional Selling or 3 hrs
- REE 4941 Internship 3 hrs
<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Prerequisite Courses</th>
<th>Certificate Requirements</th>
<th>Certificate Admission Requirements</th>
<th>Total Semester Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td>Prerequisite Courses</td>
<td>Certificate Requirements</td>
<td>Certificate Admission Requirements</td>
<td>Total Semester Hours Required</td>
</tr>
<tr>
<td>1 Internship must be paid internship in the area of specialization, and should be completed in the senior year after completing at least 6 hours of real estate courses. Internship packets are available in the Department of Finance (BA 409). Certificate attainment is subject to the availability of internship opportunities in the area of interest. A student must have earned an overall GPA of at least 3.0 to qualify for an internship.</td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Required Courses</td>
<td>Prerequisite Courses</td>
<td>Certificate Requirements</td>
<td>Certificate Admission Requirements</td>
<td>Total Semester Hours Required</td>
</tr>
<tr>
<td>1 Internship must be paid internship in the area of specialization, and should be completed in the senior year after completing at least 6 hours of real estate courses. Internship packets are available in the Department of Finance (BA 409). Certificate attainment is subject to the availability of internship opportunities in the area of interest. A student must have earned an overall GPA of at least 3.0 to qualify for an internship.</td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**Real Estate: Real Estate Appraisal - Certificate**

**College of Business Administration**

**Dr. P. Phillips School of Real Estate, Business Administration II, Room: 101**


Restricted to real estate majors. These certificates do not require additional hours beyond the BSBA real estate major program. They are intended to allow students to develop specializations in specific areas of interest and to prepare for licensing exams. Certificates will be awarded only at the time of degree completion.

Completion of this certificate qualifies a student to sit for the Florida real estate appraiser's license.

**Certificate Admission Requirements**
- None

**Certificate Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses**
- (15 hrs)
  - REE 3043  Fundamentals of Real Estate  3 hrs
  - REE 3433  Real Estate Law  3 hrs
  - REE 4103  Real Estate Appraisal and Valuation  3 hrs
  - MAR 3391  Professional Selling  3 hrs
  - REE 4941  Internship  3 hrs

**Restricted Electives**
- None

**Foreign Language Requirements**
- None

**Other Requirements**
- None

**Security Management - Certificate**

**College of Health and Public Affairs**

**Department of Criminal Justice, Health and Public Affairs I, Room: 311**

Email: cjadvise@ucf.edu

Jerome Randall, 407-823-2603

The security industry is rapidly growing in the State of Florida and in the nation. This area is in need of qualified, innovative managers and leaders to meet the demands of the twenty-first century. A student in this certificate program will gain experience in risk assessment, legal issues, and contemporary approaches to security management. Certificates will be awarded only at the time of degree completion.

**Certificate Admission Requirements**
- None

**Certificate Requirements**
- None

**Prerequisite Courses**
- There are no certificate prerequisites; however individual courses may have prerequisites.

**Required Courses**
- (12 hrs)
  - SCC 3311  Security Administration  3 hrs
  - CJT 3803  Security Management  3 hrs
  - CJT 4843  Risk Management in Criminal Justice  3 hrs
  - Private Security  3 hrs
  - CCJ 4644  White Collar Crime  3 hrs

**Restricted Electives**
- (3 hrs)
  - Select one of the following:
    - CJE 3444  Crime Prevention  3 hrs
    - CJT 3821  Practical Security Applications  3 hrs
    - SCC 3316  Special Security Problems  3 hrs
    - DSC 4012  Terrorism  3 hrs
    - DSC 4013  Homeland Security and Criminal Justice  3 hrs

See additional notes under the course descriptions for specific areas of interest and to prepare for licensing exams. Certificates will be awarded only at the time of degree completion.

Completion of this certificate qualifies a student to sit for the Florida real estate sales license.
Certificates

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.

Service-Learning - Certificate
Office of Undergraduate Studies
Office of Experiential Learning, Career Services and Experiential Learning, Suite 300
http://www.explearning.ucf.edu
A. Zeh, Amy.Zeh@ucf.edu, 407-823-2667

The certificate program in Service-Learning is designed for students in any discipline who seek to engage in a reflective analysis of community service as it relates to academic course work. Service-Learning furthers the learning objectives of the academic course, addresses community needs, and requires students to reflect on their activity in order to gain an appreciation for the relationship between civics and academics. Through Service-Learning (SL) courses, students develop academic skills, civic responsibility, and career opportunities. Since this certificate requires the completion of four SL courses, it reflects significant interest and commitment to this process. This certificate is open to all undergraduate and graduate students in any major.

Certificate Admission Requirements
- None

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)

Four UCF-approved SL courses
- Students may choose any four of the UCF-approved service-learning courses in any discipline to satisfy the credit hour requirements. Service-Learning courses are designated with an “SL” and can be accessed under “special groups” in the class schedule. Students may also contact the Office of Experiential Learning to clarify SL designated courses.

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 12

Other Requirements
- Minimum GPA of 2.5 in UCF-approved SL classes.
- Minimum of 60 community service hours in four (4) UCF-approved SL classes.

Substitute Teaching - Certificate
College of Education and Human Performance
School of Teaching, Learning, and Leadership, Education Building, Room: 220B
http://education.ucf.edu/subteach
Email: wwise@ucf.edu
Dr. W. Scott Wise, ED 220B
Phone: 407-823-1502

The Substitute Teaching Certificate is designed for undergraduates who want to prepare themselves for substitute teaching assignments in PK-12 schools. This certificate does not lead to teacher certification or admission to the College of Education and Human Performance. The certificate is appropriate for students who are seeking an enhanced understanding of how to be an effective substitute teacher in PK-12 school classrooms, or for those who are considering a future career as a fully certified teacher. This certificate may also strengthen the marketability of students’ major programs. This certificate is available for students in the 2006 catalog year and beyond.

Certificate Admission Requirements
- None

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (9 hrs)

EDF 2007 Introduction to Substitute Teaching 3 hrs
EDF 2250 Classroom Management for Substitute Teachers 3 hrs
EDG 2311 Teaching Strategies for Substitute Teachers 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 9

Other Requirements
- A minimum GPA of 2.5 in all courses
- No credit by exam (CLEP, Military credit) may be used.
- Transfer credits from other universities will be considered.
- At least 6 hours used in the certificate must be earned at UCF.
- Note: Completion of this certificate does not complete the requirements for teacher certification, nor does it constitute admission to the College of Education and Human Performance.

Teaching English as a Foreign Language - Certificate
College of Arts and Humanities
Department of Modern Languages and Literatures, Colbourn Hall, Room: 523
http://mll.cah.ucf.edu/
Dr. K. Folse, 407-823-4555
Phone: 407-823-2472

Certificates will be awarded only at time of degree completion.

Certificate Admission Requirements
- None

Certificate Requirements (12 hrs)
- None

Prerequisite Courses
- None
Certificates

Translation and Interpretation - Certificate
College of Arts and Humanities
Department of Modern Languages and Literatures, Colbourn Hall, Room: 505
http://mll.cah.ucf.edu/
Email: flfacult@ucf.edu
Maria Redmon, CNH 512, mredmon@mail.ucf.edu, 407-823-5738

Certificate Admission Requirements
- Students must pass an oral exam for proficiency in Spanish and English before being admitted to the certificate program.

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses
- (12 hrs)
  - TSL 3346 English as an International Language 3 hrs
  - TSL 4240 Issues in Second Language Acquisition 3 hrs
  - ANT 3610 Language and Culture 3 hrs
  - TSL 4363 ESL Classroom Experiences 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 12

Other Requirements
- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- All 12 hours used in the certificate must be earned at UCF within the participating departments.
- No credit by exam (TSD, Military credit) may be used.
- Internships, independent study and substitute courses/new courses are allowed at the director’s discretion.

Victim Advocacy - Certificate
College of Health and Public Affairs
Department of Criminal Justice, Health and Public Affairs, Room: 311
Email: cjadvise@ucf.edu
Dr. MaryAnn Eastep, 407-823-2603

The Criminal Justice System can be difficult for crime victims to navigate. This Certificate in Victim Advocacy provides a theoretical and practical knowledge base for professionals in various fields who work or plan to work with and advocate for crime victims.

The program requires 15 hours of undergraduate work. Courses are offered by the Department of Criminal Justice, the College of Nursing, the Department of Sociology, and the School of Social Work. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements
- None

Certificate Requirements
- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses
- There are no certificate program prerequisites; however individual courses may have prerequisites.

Required Courses
- (9 hrs)
  - CCJ 3667 Victims and the CJ System 3 hrs
  - CCJ 4670 Women and Crime 3 hrs
  - CCJ 4681 Domestic Violence and the Justice System 3 hrs

Restricted Electives
- (6 hrs)
  - Select two of the following:
    - SYP 4521 Crime Victims in Society 3 hrs
    - NUR 4516 Crisis Intervention 3 hrs
    - SOW 4754 Forensic Social Work Theory and Practice 3 hrs
    - CJU 4554 Juvenile Justice System 3 hrs
    - CCJ 4690 Sex Offenders and the Criminal Justice System 3 hrs
    - CCJ 4129 Cultural Diversity in Criminal Justice 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Other Requirements
- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the program must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study Credit cannot be used toward the certificate.

Women’s Studies - Certificate
College of Arts and Humanities
Program in Women’s Studies, Colbourn Hall, Room: 118
http://womensstudies.cah.ucf.edu/
Email: womenst@ucf.edu
Dr. M.C. Santana
Phone: 407-823-6502

The certificate program in Women’s Studies is designed to provide students with a basic, working knowledge of gender roles and women’s issues. The certificate program is particularly beneficial to students in professional degree programs who will serve women and/or girls as a client population, but whose elective hours are restricted.

Certificate Admission Requirements
- None
Certificates

Certificate Requirements
- None

Prerequisite Courses
- None

Required Courses (3 hrs)
- WST 3015 Introduction to Women's Studies 3 hrs

Restricted Electives (9 hrs)
- See listing for minor. Certificate students are exempt from the distribution requirements and should select foundations courses that best complement their major area of study.

Internship Option: 3 hrs
- Internship required by a student's major degree program may count for credit toward the certificate, if placement is substantively related to women and/or women's issues.

Foreign Language Requirements
- None

Total Semester Hours Required
- 12

Other Requirements
- A GPA of 2.0 or better is required in all courses used to satisfy the certificate.
- Grades of "C" or below will not be counted toward the Women's Studies Minor.
- At least 9 hours used in the certificate must be earned at UCF.
Aerospace Engineering - Accelerated
Undergraduate-Graduate Program
(B.S.A.E. / M.S.A.E. or M.S.M.E.)

College of Engineering and Computer Science
Department of Mechanical and Aerospace Engineering,
Engineering, Room: 381
http://www.mae.ucf.edu

Email: mmaeugrad@ucf.edu
Dr. Alain Kassab, alain.kassab@ucf.edu, 407-823-5778
Dr. Kuo-Chi (Kurt) Lin, kuo-chi.lin@ucf.edu, 407-823-0137
Phone: 407-823-2416

Admission Requirements
- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- Completion of the GRE with a highly competitive score by the end of first semester of the senior year.
- Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements
- None

1. UCF General Education Program (GEP) (38 hrs)
- See Aerospace Engineering major in catalog for GEP requirements.

2. Common Program Prerequisites (CPP) (19 hrs)
- See Aerospace Engineering major in the catalog for the CPP requirements.

3. Core Requirements: Basic Level (2 hrs)
- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the core requirements, technical elective courses and senior design courses listed. Independent study courses generally do not satisfy major requirements.

4. Core Requirements: Advanced Level (51 hrs)

5. Restricted Electives (12 hrs)
- Technical electives should be taken at the 5000 or 6000 level and are available in the BSAE program to address specific student interests in a variety of technical areas. Students must consult with their assigned academic advisor for a list of the approved technical electives and the semesters when specific courses of this type are to be offered.

6. Capstone Requirements (6 hrs)
- These courses are a capstone experience to your engineering program and should be completed in your last 2 major semesters of study.
- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.

7. Foreign Language Requirements

8. Electives

9. Additional Requirements

10. Required Minors

11. Departmental Exit Requirements

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

9. Total Undergraduate Hours Required
- 128

10. Total Combined Hours Required
- 146

11. Honors In Major
- None

12. Related Programs
- Mechanical Engineering

13. Certificates
- None

14. Related Minors
- Intelligent Robotic Systems (IRS) - Interdisciplinary

15. Engineering Leadership

Advising Notes
- The baccalaureate degree will be awarded when program requirements for the BS are met and students have completed a minimum of 128 hours of credit. Students will then be reclassified as graduate students. The MSAE or MSME will be awarded on completion of the total program of study.
- The following will be waived for this joint degree program: The limit of nine hours to be shared between undergraduate and graduate programs. Undergraduate students taking graduate courses must be within nine hours of graduation. Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.

UNIVERSITY OF CENTRAL FLORIDA
Accelerated Undergraduate-Graduate Programs

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Shared Courses (12 hrs)
- Up to 12 credit hours of approved 5000 and 6000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Mechanical, Materials, and Aerospace Engineering department for a list of acceptable courses.

Graduate Courses Link
- http://www.graduatecatalog.ucf.edu/content/Courses.aspx

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Communication Sciences and Disorders - Accelerated Undergraduate-Graduate Program
(B.A. or B.S. / M.A.)

College of Health and Public Affairs
Department of Communication Sciences and Disorders,
Health and Public Affairs II, Room: 101
http://www.cohpa.ucf.edu/comdis/
Email: csdundergraduate@ucf.edu
Phone: 407-823-4798

Purpose of this program - This program allows highly qualified undergraduate majors in communication sciences and disorders to enroll in 16 credit hours of graduate-level courses while completing the bachelor’s degree. This enables full-time students to achieve a master’s degree in one to two fewer semesters.

Admission Requirements
- Completion of at least 15 hours of undergraduate CSD coursework at UCF
- 3.6 GPA or better in courses in the major.
- A highly competitive GRE score taken within the past 5 years.
- Completion of an application, including three letters of recommendation from faculty in the department, and a letter of intent which indicates reasons for desiring entrance into the accelerated program, personal strengths and how they have been demonstrated, and future goals.
- Students who achieve a “B” or better for all 16 credit hours of graduate course work will be formally admitted into the master’s program in Communication Sciences and Disorders following receipt of the bachelor’s degree.

Degree Requirements
- None

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
      Prefer MGF 1106 Finite Mathematics 3 hrs

Select 1: 3 hrs
   Suggested STA 2014C Principles of Statistics or 3 hrs
   Suggested STA 2023 Statistical Methods I 3 hrs

2. Option 1: (6 hrs)
   Suggested ECO 2013 Principles of Macroeconomics 3 hrs
   or
   Suggested ECO 2023 Principles of Microeconomics 3 hrs
   or
   Suggested POS 2041 American National Government 3 hrs

3. Core Requirements: Basic Level
   None

4. Core Requirements: Advanced Level (50 hrs)
   SPA 3471 Communication Disorders in Literature and Media 3 hrs
   SPA 3101 Physiological Bases of Speech and Hearing 3 hrs
   SPA 3112 Basic Phonetics 3 hrs
   SPA 3112L Basic Phonetics Lab 1 hr
   LIN 3716 Language Development 3 hrs
   SPA 3011 Speech Science I: Production 3 hrs
   SPA 3011L Speech Production Lab 1 hr
   SPA 3104 Neural Bases of Communication 3 hrs
   SPA 3123 Speech Science II: Perception 3 hrs
   SPA 3123L Speech Perception Lab 1 hr
   SPA 4032 Audiology 3 hrs
   SPA 4326 Hearing Disorders Across the Lifespan 3 hrs
   DEP 2004C Developmental Psychology 3 hrs
   LIN 3716L Language Development Lab 2 hrs
   LIN 3713 Language Science 3 hrs

Select 1: (3 hrs)
   EAB 3703C Principles of Behavior Modification or 4 hrs
   EEX 4601 Introduction to Behavior Management or 3 hrs
   EEC 4604 Classroom Management and Guidance of Young Children or 3 hrs
   EDF 3303 Learning Environments and Guidance for Young Children or 3 hrs
   SPA 3472 Guidance of Young Children and Communication Disorders or 3 hrs
   EEX 3450 Young Children With Special Needs 3 hrs

Statistics Requirement 6 hrs

Option 1: (6 hrs)
   STA 2023 Statistical Methods I and 3 hrs
   STA 4163 Statistical Methods II 3 hrs

Option 2:
   STA 2014C Principles of Statistics and 3 hrs
   SPA 6805 Research in Communication Disorders 3 hrs
   or
   STA 2023 Statistical Methods I and 3 hrs
   SPA 6805 Research in Communication Disorders 3 hrs

5. Restricted Electives (9 hrs)
   - B.A. Option: Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year in college
   - B.S. Option: Students pursuing the B.S. degree must complete two upper division health science courses (six credit hours) approved by the Department of Communication Sciences and Disorders.

6. Capstone Requirements (3 hrs)
   - None
Accelerated Undergraduate-Graduate Programs

Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.P.E. / M.S.P.E.)

Bachelor of Science in Computer Engineering

Graduate Courses Link
None

Program Academic Learning Compacts
None

Equipment Fees
Part-Time Student: $17.50 per term
Full-Time Student: $35 per term

Admission Requirements
See Common Program Prerequisites

Qualified students may apply after completion of a minimum of 64 credit hours

Completion of no more than 96 credit hours

Completion of the GRE with a highly competitive score by the end of first semester of the senior year

Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements
None

1. UCF General Education Program (GEP) (38 hrs)

See Computer Engineering major in the catalog for track GEP requirements.

A: Communication Foundations
B: Cultural & Historical Foundations
C: Mathematical Foundations
D: Social Foundations
E: Science Foundations

2. Common Program Prerequisites (CPP) (19 hrs)

See Computer Engineering major in the catalog for the CPP requirements.

3. Core Requirements: Basic Level (2 hrs)

Computer Engineering: Basic Core
EGN 1007C Engineering Concepts and Methods 1 hr
EGS 1006C Introduction to the Engineering Profession 1 hr

4. Core Requirements: Advanced Level (57 hrs)

Courses Required for the Engineering Core 6 hrs
EGN 3310 Engineering Analysis-Statics 3 hrs
STA 3032 Probability and Statistics for Engineers 3 hrs

Select 1: 3 hrs
EGN 3321 Engineering Analysis-Dynamics 3 hrs
EGN 3358 Thermo-Fluids-Heat Transfer 3 hrs

Courses Required for the Major 48 hrs

COT 3100C Introduction to Discrete Structures 3 hrs
COP 3502C Computer Science I 3 hrs
COP 3503C Computer Science II 3 hrs
COP 3330 Object Oriented Programming 3 hrs
COP 4331C Processes for Object-Oriented Software Development 3 hrs

Related Programs
Health Services Administration
Physical Therapy
Psychology
Social Work
Exceptional Student Education
Early Childhood Education
Physical Therapy

Certificates
Language Development and Disorders

Related Minors
Exceptional Education
Early Childhood Education
Aging Studies
Health Services Administration
Human Communication
Linguistics
Psychology
Communication Sciences and Disorders

Advising Notes
None

Transfer Notes
"D" (1.0) grades are not accepted.
Lower division courses do not substitute for upper division courses.
Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
Students may take STA 2014C or STA 2023 to fulfill the first part of the statistics requirement.

Acceptable Substitutes for Transfer Courses
None
Accelerated Undergraduate-Graduate Programs

EEL 3004C Electrical Networks 3 hrs
EEL 3123C Networks and Systems 4 hrs
EEE 3307C Electronics I 4 hrs
EEE 3342C Digital Systems 3 hrs
EEE 3801C Computer Organization 3 hrs
EEL 4742C Embedded Systems 4 hrs
EEL 4768 Computer Architecture 3 hrs
EEL 4781 Computer Communication Networks 3 hrs
COP 4600 Operating Systems 3 hrs
EGN 3211 Engineering Analysis and Computation 3 hrs

5. Restricted Electives (9 hrs)
- Technical electives should be taken at the 5000 level and are available in the BSPE program to address specific student interests in a variety of technical areas. Students should consult with their academic advisor for identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements (6 hrs)
- EEL 4914 Senior Design I 3 hrs
- EEL 4915 Senior Design II 3 hrs

7. Foreign Language Requirements
- Admissions
  - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
- Graduation
  - None
- Electives
  - None

9. Additional Requirements
- 24 of 32 residency hours must be 3000-5000 level courses taken from the EECS Department at UCF and applicable to the undergraduate degree program.

10. Required Minors
- None

11. Departmental Exit Requirements
- CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required: 128

Total Combined Hours Required: 146

Honors In Major
- None

Related Programs
- Computer Science
- Electrical Engineering
- Information Technology
- Mathematics - Engineering/Physics Track
- Physics

Certificates
- None

Related Minors
- Information Technology
- Computer Science
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Engineering Leadership

Advising Notes
- The following will be waived for this joint degree program:
  - The limit of nine hours to be shared between undergraduate and graduate programs.
  - Undergraduate students taking graduate courses must be within nine hours of graduation
  - Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
  - Undergraduate students are not eligible to take 6000-level courses

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Shared Courses (12 hrs)
- Up to 12 credit hours of approved 5000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major.
- Contact the EE/CpE Graduate Coordinator in the School of Electrical Engineering & Computer Science for acceptable courses.

Graduate Courses Link
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $30 per term
- Full-Time Student: $60 per term

Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)
College of Engineering and Computer Science
Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 437
http://www.eecs.ucf.edu
Dr. Hassan Foroosh, foroosh@eecs.ucf.edu
Ronda Leigh, Ronda.Leigh@ucf.edu
Phone: 407-823-3327

Admission Requirements
- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 60 credit hours and successful completion of the Foundation Exam.
- Completion of no more than 90 credit hours.
- Completion of the GRE with a highly competitive score by the end of first semester of the senior year for continuation in the program.
- Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements
- None

1. UCF General Education Program (GEP) (39 hrs)
- See Computer Science major in the catalog for track specific GEP requirements.
  A: Communication Foundations
  B: Cultural & Historical Foundations
  C: Mathematical Foundations
  D: Social Foundations
  E: Science Foundations

2. Common Program Prerequisites (CPP) (17 hrs)
- See Computer Science major in the catalog for the CPP requirements.

3. Core Requirements: Basic Level (24 hrs)
- STA 2023 Statistical Methods I GEP
- COP 3330 Object Oriented Programming 3 hrs
- COP 3502C Computer Science I 3 hrs
- COP 3503C Computer Science II 3 hrs
- ENC 3241 Writing for the Technical Professional 3 hrs
- CDA 3103 Computer Logic and Organization 3 hrs
Accelerated Undergraduate-Graduate Programs

COT 3100C Introduction to Discrete Structures  3 hrs
CIS 3360 Security in Computing  3 hrs
COP 3402 Systems Software  3 hrs
COT 3960 CS Foundation Exam  0 hrs

4. Core Requirements: Advanced Level (21 hrs)

A "C" (2.0) or better is required in all courses listed. Students must maintain at least a 2.5 GPA in the following courses. Only the highest grade is used in the calculation.

COP 4331C Processes for Object-Oriented Software  3 hrs
Development
EEL 4768 Computer Architecture  3 hrs
COT 4210 Discrete Structures II  3 hrs
COP 4020 Programming Languages I  3 hrs
COP 4600 Operating Systems  3 hrs
COP 4934 Senior Design I  3 hrs
COP 4935 Senior Design II  3 hrs

5. Restricted Electives (15 hrs)

12. University Minimum Exit Requirements

None

7. Foreign Language Requirements

Admissions

Two years high school, or one year college language (equivalent proficiency exam) prior to graduation.

Graduation

Proficiency exam in a second language, one semester of college level Foreign Language, or 3 credits of multicultural courses approved by Computer Science.

8. Electives (4 hrs)

Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements

None

10. Required Minors

None

11. Departmental Exit Requirements

Complete an exit survey

12. University Minimum Exit Requirements

A 2.0 UCF GPA
60 semester hours earned after CLEP awarded
48 semester hours of upper division credit completed
30 of the last 39 hours of course work must be completed in residency at UCF.
A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required

120

All courses offered by Computer Science may also be used with a departmental advisor. Courses may be outside the Computer Science department for a list of acceptable courses.

Electrical Engineering - Accelerated Undergraduate-Graduate Program (B.S.E.E. / M.S.E.E.)

College of Engineering and Computer Science

Department of Electrical Engineering and Computer Science, Harris Corp. Engineering Center, Room: 439
http://www.eecs.ucf.edu
Email: eecpe-grad@eecs.ucf.edu
Dr. Kalpathy Sundaram
Phone: 407-823-3327

Admission Requirements

See Common Program Prerequisites.
Qualified students may apply after completion of a minimum of 64 credit hours.
Completion of no more than 96 credit hours.
Completion of the GRE with a highly competitive score by the end of first semester of the senior year.
Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements

None

1. UCF General Education Program (GEP)  (38 hrs)

See Electrical Engineering major in the catalog for track specific GEP requirements.

A: Communication Foundations
B: Cultural & Historical Foundations
C: Mathematical Foundations
D: Social Foundations
E: Science Foundations
2. Common Program Prerequisites (CPP) (19 hrs)
   - See Electrical Engineering major in the catalog for the CPP requirements.

3. Core Requirements: Basic Level (2 hrs)
   - The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the courses required for the major in this area as well as restricted elective courses and the senior design courses listed below. Independent study courses generally do not satisfy major requirements.

   Engineering Core: Basic 2 hrs
   - EGS 1006C Introduction to the Engineering Profession 1 hr
   - EGN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (53 hrs)
   - The following courses are to be offered.
   - Students should consult with their academic advisor for the identification of courses which are approved technical elective or course requirements for the major.

   Engineering Core: Advanced 9 hrs
   - EGN 3310 Engineering Analysis-Statics 3 hrs
   - STA 3032 Probability and Statistics for Engineers 3 hrs
   - EEL 3552C Analog and Digital Communication Fundamentals 3 hrs
   - EEL 3123C Networks and Systems 4 hrs
   - EEE 3342C Digital Systems 3 hrs
   - EEL 3470 Electromagnetic Fields 3 hrs
   - EEL 3004C Electrical Networks 3 hrs
   - EEL 3475C Digital Signal Processing Fundamentals 4 hrs
   - EEL 3475C Digital Signal Processing Fundamentals 4 hrs
   - EEL 3801C Computer Organization 3 hrs
   - EEL 3211C Engineering Analysis and Computation 3 hrs
   - EEL 4914 Senior Design I 3 hrs
   - EEL 4915L Senior Design II 3 hrs
   - EEL 4915L Senior Design II 3 hrs
   - EEL 4211C Embedded Systems 4 hrs
   - EEL 4742C Embedded Systems 4 hrs
   - EEL 4915L Senior Design II 3 hrs
   - EEL 4915L Senior Design II 3 hrs

5. Restricted Electives (10 hrs)
   - Technical electives should be taken at the 5000 level and are available in the BSEE program to address specific student interests in a variety of technical areas. Students should consult with their academic advisor for the identification of courses which are approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements (6 hrs)
   - EEL 4914 Senior Design I 3 hrs
   - EEL 4915L Senior Design II 3 hrs

7. Foreign Language Requirements
   - Admissions
     - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
   - Graduation
     - None
   - Electives
     - None

9. Additional Requirements
   - 24 of 32 residency hours must be 3000-5000 level courses taken from the EECS Department at UCF and applicable to the undergraduate degree program.

10. Required Minors
    - None
11. Departmental Exit Requirements
    - CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.
12. University Minimum Exit Requirements
    - A 2.0 UCF GPA
    - 60 semester hours earned after CLEP awarded
    - 48 semester hours of upper division credit completed
    - 30 of the last 39 hours of course work must be completed in residency at UCF.

   A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
   - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

   Total Undergraduate Hours Required
   - 128
   Total Combined Hours Required
   - 146

   Honors In Major
   - None

   Related Programs
   - Computer Engineering
   - Computer Science
   - Mathematics - Engineering/Physics Track
   - Physics

   Certificates
   - None

   Related Minors
   - Engineering Leadership
   - Intelligent Robotic Systems (IRS) - Interdisciplinary
   - Mathematics
   - Physics

   Advising Notes
   - The following will be waived for this joint degree program:
     - The limit of nine hours to be shared between undergraduate and graduate programs.
     - Undergraduate students taking graduate courses must be within nine hours of graduation.
     - Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
     - Undergraduate students are not eligible to take 6000-level courses.

   Transfer Notes
   - None

   Acceptable Substitutes for Transfer Courses
   - None

   Shared Courses
   - Up to 12 credit hours of approved 5000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major.

   Contact the EE/CpE Graduate Coordinator in the School of Electrical Engineering & Computer Science for acceptable courses.

   Graduate Courses Link
   - None

   Program Academic Learning Compacts
   - Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

   Equipment Fees
   - Part-Time Student: $30 per term
   - Full-Time Student: $60 per term

History - Accelerated Undergraduate-Graduate Program (B.A / M.A.)
College of Arts and Humanities
Department of History, Colbourn Hall, Room: 551
http://history.cah.ucf.edu/

Email: Graduate program: hisgrad@ucf.edu
Email: Undergraduate program: history@ucf.edu

Dr. Peter Larson
Phone: 407-823-2224

This program allows highly qualified undergraduate majors in history to begin taking graduate-level courses which will count towards their master's degree while completing their baccalaureate degree.
program. Participation will enable completion of a B.A. and M.A. in a shorter period of time for students enrolled in full-time course work.

Admission Requirements
- Students apply for admission to the accelerated program toward the end of their junior year or after 12 hours of upper-level history course work.
- A 3.5 GPA or better in history courses and a 3.25 overall GPA or better.
- Graduate Record Exam (GRE) combined score of 1050 on both the verbal and quantitative sections of the exam and a score of at least 550 on the verbal section.
- Completion of a graduate application, including an essay indicating reasons for desiring to complete the accelerated program, and three letters of recommendation from History Department faculty to be submitted to the History Department.
- Students will be formally admitted to the master’s program following receipt of the B.A. degree.

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a “B” (3.0) in each history course for it to be counted toward the major.
- Co-op credit cannot be used in this major.
- Students should consult with the departmental graduate director.
- Departmental residency requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF History Department. Students may substitute up to nine hours of 5000- or 6000-level courses to meet this requirement.
- Students must compile a portfolio of 8-12 examples of graded, written work from UCF History classes.
- The B.A. will be awarded after completion of 36 hours of history classes.
- The M.A. will be awarded upon completion of the program.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours (see history major requirements).

1. UCF General Education Program (GEP) (36 hrs)
- See the History major in this catalog for track specific GEP requirements

A: Communication Foundations
B: Cultural & Historical Foundations
C: Mathematical Foundations
D: Social Foundations
E: Science Foundations

2. Common Program Prerequisites (CPP)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
1 AMH 2010 U.S. History: 1492-1877 GEP
1 AMH 2020 U.S. History: 1877-Present GEP
1 See Transfer Notes for possible substitutes

3. Core Requirements: Basic Level (6 hrs)
Select one of the following sequences of courses:

EUH 2000 Western Civilization I and or
EUH 2001 Western Civilization II 3 hrs

or

WOH 2012 World Civilization I and WOH 2022 World Civilization II 3 hrs

4. Core Requirements: Advanced Level (3 hrs)
HIS 4150 History and Historians 3 hrs

5. Restricted Electives (21 hrs)
- (Must be taken within the History Department)

Select six hours of approved history courses 18 hrs within three of the four geographic regions:
- Asian, African, and Middle Eastern
- British and European
- Latin American
- U.S. and Canadian

Select three hours of approved history 3 hrs courses
- Students may substitute nine hours of 5000- or 6000-level course work for 3000- or 4000-level courses

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- Met by graduation requirement.

Graduation
- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign language may be used to meet the requirement. Majors who are participating in the accelerated program should complete two years of a foreign language, preferably one functional in their area of historical interest. Students may take the department’s M.A. foreign language proficiency exam immediately following the completion of their foreign language course work.

8. Electives
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

9. Additional Requirements
Graduate Degree Requirements
- The graduate requirements listed in the Graduate Catalog take precedence over those listed below.
- Students admitted to the accelerated program may take a 5000-level course the first semester of their senior year.
- After successfully completing one 5000-level course, students will be eligible to take HIS 6159 (Historiography) and another 5000-level course or the 6000-level seminar following the 5000-level colloquium they have already completed.
- Students may substitute these nine hours of graduate-level work for 9 hours of 3000- or 4000-level undergraduate courses.
- Students need to pay fees at the graduate rate for the graduate courses they take.

Schedule for students enrolled full-time in the accelerated program:
- Students complete nine hours of graduate-level courses their senior year.
- Students enroll in at least three hours of graduate-level course work the summer after they receive their B.A.
- Students enroll in nine hours of graduate-level courses in both spring and fall semesters during their M.A. year.
- Students complete the Capstone course, pass their preliminary exams, and fulfill their foreign language requirement by the end of their first M.A. year.
- Students complete and defend a master’s thesis in six hours.

10. Required Minors
- None

11. Departmental Exit Requirements
- Maintain a minimum GPA of 3.5 in upper division required courses attempted.
- Submit a portfolio during the semester of graduation. The portfolio will include representative samples of the student’s written work including, but not limited to, book critiques, in-class essay exams, and term papers.
- Students must complete at least 18 of the required 36 history hours at UCF.
- Computer competency met by completion of the major.
Accelerated Undergraduate-Graduate Programs

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required
- 120

Total Combined Hours Required
- 147

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- Africana Studies
- American Studies
- Asian Studies
- Humanities
- Judaic Studies
- Latin American Area Studies
- Middle Eastern Studies
- Women's Studies

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- None

Shared Courses
- None

Graduate Courses Link
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
  http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Industrial Engineering - Accelerated Undergraduate-Graduate Program
(B.S.I.E. / M.S.I.E.)

College of Engineering and Computer Science
Department of Industrial Engineering and Management Systems, Engineering II, Room: 312
http://www.iems.ucf.edu/
Dr. William Thompson, william.thompson@ucf.edu, 407-823-2636
Phone: 407-823-2204

Admission Requirements
- See Common Program Prerequisites
- Qualified students may apply after completion of a minimum of 60 credit hours
- Completion of the GRE with a highly competitive score by the end of the junior year
- Admission is not automatic. Interested students may need to be interviewed

Degree Requirements
- None

1. UCF General Education Program (GEP) (38 hrs)
- See Industrial Engineering major is the Catalog for track specific GEP requirements.

A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (7 hrs)
D: Social Foundations (6 hrs)
E: Science Foundations (7 hrs)

2. Common Program Prerequisites (CPP) (19 hrs)
- See Industrial Engineering major in the Catalog for the CPP requirements.
- See “Common Prerequisites” in the Transfer and Transitions section for more information.

3. Core Requirements: Basic Level (60 hrs)

Industrial Engineering Core: Basic (2 hrs)
- The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing the core courses required for the major, together with the restricted electives and senior design courses listed below.

EIN 1006C Introduction to the Engineering Profession 1 hr
EIN 1007C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (59 hrs)

Graduate courses used to complete the Accelerated BS to MS will vary depending on the MS track the student chooses. Courses will be chosen in consultation with the graduate advisor. The courses listed in this example are relevant to the Engineering Management MS. A “C” (2.0) or better is required in all courses listed in this section with a prefix of EIN, ESI, STA and MAS. A “B” (3.0) or better is required for 5000/6000 level courses to be transferred for graduate credit.

EIN 2002 Introduction to Industrial Engineering and Management Systems 1 hr
1 COP 3223 Introduction to Programming with C 3 hrs
EGN 3310 Engineering Analysis-Statics 3 hrs
1 EGN 3321 Engineering Analysis-Dynamics 3 hrs
EGN 3373 Principles of Electrical Engineering 3 hrs
2 EIN 3351 Engineering Economic Analysis and Cost 3 hrs

3. Core Requirements: Basic Level (60 hrs)

1 EIN 4364 Facilities Planning 3 hrs
EIN 4243C Human Engineering 3 hrs
ESI 4628C Industrial Engineering Applications of Computers 3 hrs
ESI 4221 Empirical Methods for Industrial Engineering 3 hrs
ESI 4234 Quality Engineering 3 hrs
EIN 4243C Human Engineering 3 hrs
EIN 4333 Production and Distribution Systems 3 hrs
EIN 4364 Facilities Planning 3 hrs
EIN 4391 Manufacturing Engineering 3 hrs
EIN 4517 Systems Engineering 3 hrs
ESI 4628C Industrial Engineering Applications of Computers 3 hrs
3 ESI 5306 Operations Research 3 hrs
4 ESI 5531 Discrete Systems Simulation 3 hrs

Select 1: 3 hrs
EGN 3358 Thermo-Fluids-Heat Transfer or 3 hrs
EGN 3343 Thermodynamics 3 hrs

1 Courses with significant programming content in C, C++ or Java may be used to satisfy this requirement but must be approved by the IEMS undergraduate coordinator.
2 Substitute for EGN 4624
3 Substitute for ESI 4312
4 Substitute for ESI 4523C

5. Restricted Electives (6 hrs)
- Three (3) hours of technical electives must be either EIN 5140 Project Engineering or ESI 5219 Engineering Statistics which are required core requirements in the MSIE program. Another three (3) hours of technical elective may be taken at the 5000 level as a substitute for any of the 3 courses specified in the core requirements for the BSIE.

UNIVERSITY OF CENTRAL FLORIDA
418 Undergraduate Catalog 2014-2015
Accelerated Undergraduate-Graduate Programs

Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements
   ▪ None

7. Foreign Language Requirements
   Admissions
   ▪ Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
   ▪ None

8. Electives
   ▪ None

9. Additional Requirements
   ▪ None

10. Required Minors
    ▪ None

11. Departmental Exit Requirements (4 hrs)
    EIN 4891C  Industrial Engineering Senior Design  4 hrs

12. University Minimum Exit Requirements
    ▪ A 2.0 UCF GPA
    ▪ 60 semester hours earned after CLEP awarded
    ▪ 48 semester hours of upper division credit completed
    ▪ 30 of the last 39 hours of course work must be completed in residency at UCF.
    ▪ A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    ▪ Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required
   ▪ 128

Total Combined Hours Required
   ▪ 146

Honors In Major
   ▪ None

Related Programs
   ▪ None

Certificates
   ▪ None

Related Minors
   ▪ None

Advising Notes
   ▪ The following will be waived for this joint degree program:
   ▪ The limit of nine hours to be shared between undergraduate and graduate programs.
   ▪ Undergraduate students taking graduate courses must be within nine hours of graduation.
   ▪ Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
   ▪ Undergraduate students are not eligible to take 6000-level courses.

Transfer Notes
   ▪ None

Acceptable Substitutes for Transfer Courses
   ▪ None

Shared Courses
   ▪ Up to 12 credit hours of approved 5000 and 6000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. The 5000 level courses listed in the plan above are examples. Contact the Graduate Coordinator in the Industrial Engineering and Management Systems department for a list of acceptable courses.

Graduate Courses Link
   ▪ None

Program Academic Learning Compacts
   ▪ Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oias.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
   ▪ Part-Time Student: $38 per term
   ▪ Full-Time Student: $77 per term

Mechanical Engineering - Accelerated Undergraduate-Graduate Program
(B.S.M.E. / M.S.M.E., M.S.M.S.E. or M.S.A.E.)
College of Engineering and Computer Science

Department of Mechanical and Aerospace Engineering, Engineering, Room: 381
http://www.mae.ucf.edu

Admission Requirements
   ▪ See Common Program Prerequisites.
   ▪ Qualified students may apply after completion of a minimum of 64 credit hours.
   ▪ Completion of no more than 96 credit hours.
   ▪ Completion of the GRE with a highly competitive score by the end of first semester of the senior year.
   ▪ Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements
   ▪ None

1. UCF General Education Program (GEP) (38 hrs)
   ▪ See Mechanical Engineering major in the Catalog for track specific GEP requirements

A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (7 hrs)
D: Social Foundations (6 hrs)
E: Science Foundations (7 hrs)

2. Common Program Prerequisites (CPP) (19 hrs)
   ▪ See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

3. Core Requirements: Basic Level (2 hrs)
   EGS 1060C  Introduction to the Engineering Profession  1 hr
   EGN 1007C  Engineering Concepts and Methods  1 hr

4. Core Requirements: Advanced Level (63 hrs)
   EGN 3310  Engineering Analysis-Statics  3 hrs
   EGN 3343  Thermodynamics  3 hrs
   EGN 3365  Structure and Properties of Materials  3 hrs
   EGN 3373  Principles of Electrical Engineering  3 hrs
   STA 3032  Probability and Statistics for Engineers  GEP
   EML 3034C  Modeling Methods in Mechanical and Aerospace Engineering  3 hrs
   EML 3303C  Mechanical Engineering Measurements  3 hrs
   EGM 3601  Solid Mechanics  3 hrs
   EML 3701  Fluid Mechanics I  3 hrs
   EML 4142  Heat Transfer  3 hrs
   EML 3217  Engineering Mechanics - Dynamics  3 hrs
   EML 4225  Introduction to Vibrations and Controls  3 hrs
   EML 3500  Design and Analysis of Machine Components  3 hrs

Select 2 of the Following: (6 hrs)
   EML 3510  Thermodynamics of Mechanical Systems or 3 hrs
   EML 4143  Heat Transfer II or 3 hrs
   EML 4373  Intermediate System Dynamics and Controls or 3 hrs
   EML 4703  Fluid Mechanics II or 3 hrs
   EML 4504  Design & Analysis of Machine Components  3 hrs
Accelerated Undergraduate-Graduate Programs

Select 1 of the Following: 3 hrs
EML 4301C  Mechanical Systems Lab or 3 hrs
EML 4306C  Energy Systems Lab 3 hrs

5. Restricted Electives
Approved Electives 18 hrs
- Technical electives should be taken at the 5000 level and are available in the BSME program to address specific student interests in a variety of technical areas. Restricted electives are intended to ensure that all students have a significant design experience in both mechanical and thermofluids systems. Students should consult with their Department for a list of the approved restricted and technical electives and the terms when specific courses of this type are to be offered.

6. Capstone Requirements (6 hrs)
- These courses are a capstone experience to your engineering program and should be completed in your last 2 major semesters of study.
- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
- EML 4501C  Engineering Design I 3 hrs
- EML 4502C  Engineering Design II 3 hrs

7. Foreign Language Requirements
Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Graduation
- None

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements (6 hrs)
- None

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required
- 128

Total Combined Hours Required
- 146

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- The following will be waived for this joint degree program:
  - The limit of nine hours to be shared between undergraduate and graduate programs.
  - Undergraduate students taking graduate courses must be within nine hours of graduation.
  - Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
  - Undergraduate students are not eligible to take 6000-level courses

Career and Academic Advising
- The department requires all students in the program meet with a faculty member for advising on career and academic issues. These courses must be taken in sequence during the 3rd and 4th year.
- EML 3990  Mechanical Career and Academic Faculty 0 hrs Advising I
- EML 4991  Mechanical Career and Academic Faculty 0 hrs Advising II

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Shared Courses
- Shared B.S.M.E./M.S.M.E., M.S.M.S.E., or M.S.A.E. Up to 12 credit hours of approved 5000 and 6000 level courses with grades of “B” (3.0) or better may be counted towards the B.S. and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Mechanical, Materials, and Aerospace Engineering department for a list of acceptable courses.

Graduate Courses Link
- http://www.graduatemenralcatalog.ucf.edu/content/Courses.aspx

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Nursing - Accelerated Second Degree B.S.N. Option (B.S.N.)

College of Nursing
UTWR, Room: 3rd Floor
http://www.nursing.ucf.edu
Email: ucfnurse@ucf.edu
Dr. Mary Lou Sole, Interim Dean
Dr. Maureen Covelli, Assoc. Dean Undergraduate
Dr. Kelly Allred, Undergraduate Coordinator
Patricia Leli, Clinical Education Coordinator
Phone: 407-823-2744

For individuals who are not Registered Nurses but who hold a baccalaureate or higher degree from a regionally accredited college or university.

Graduates are eligible to take the National Council Licensure Examination for registered nurses (NCLEX-RN). The program is accredited by the Commission on Collegiate Nursing Education (CCNE) and approved by the Florida State Board of Nursing.

Admission Requirements
- Acceptance to the university does not constitute admission to the upper division nursing program.
- Separate application to the limited access accelerated second degree Bachelor of Science in nursing (BSN) option must be made directly to the College of Nursing prior to the posted deadline of the year of admission is sought. For application deadlines, please visit http://www.nursing.ucf.edu/.
- Application to the university must also be submitted by the program application deadline.
- Students who have never attended the University of Central Florida as degree seeking undergraduate students must apply to the Undergraduate Admissions Office as a second degree-seeking student.
Accelerated Undergraduate-Graduate Programs

Students who have attended the University of Central Florida as degree seeking undergraduate students should apply through the Registrar’s Office. These students complete the “Readmission Application” form.

Students must receive a baccalaureate or higher degree from a regionally accredited college or university prior to the start of the program.

All applicants must have a minimum overall GPA of 3.0.

Selected applicants will be invited to a mandatory personal interview session.

Applicants are encouraged to attend an information session, prior to submitting the application.

Criminal background checks including fingerprints are required for all applicants to the undergraduate nursing program. The results are reviewed as part of the admission process and may be grounds for denying a student admission to the College of Nursing.

A standardized test and predetermined cutoff score will be required for acceptance to the College of Nursing. Information regarding this test can be found at http://www.nursing.ucf.edu.

At least seven (7) of the eight (8) common program prerequisites must be completed by the program application deadline. This includes 3 courses from Group A and the remainder from Groups A or B.

Group A
- grade of C (2.0) or better
  Microbiology with Lab 4 hrs
  Anatomy with Lab 4 hrs
  Physiology with Lab (or &P I, II) 4 hrs

1 CHM 1032 General Chemistry 3 hrs

1 or other approved Science

Group B
- grade of C (2.0) or better
  Sociology or 3 hrs
  Psychology 3 hrs
  Developmental Psychology 3 hrs
  Human Nutrition 3 hrs
  Statistics 3 hrs

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog year, including any minors.
- Students should consult with an advisor in the College of Nursing Undergraduate Student Services Office for clarification of questions regarding prerequisite requirements.
- A minimum overall GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation and graduation from the nursing program.
- UCF Residency requirement: 30 hours (if applicable)

1. UCF General Education Program (GEP)

A: Communication Foundations
B: Cultural & Historical Foundations
C: Mathematical Foundations
D: Social Foundations
E: Science Foundations

2. Common Program Prerequisites (CPP) (27 hrs)

See “Common Prerequisites” in the Transfer and Transitions Services section for more information. Any variation from the stated prerequisites must be approved in writing by the College of Nursing. Petition forms are available in the College of Nursing office.

1 MCB 2004C Microbiology for Health Professionals 4 hrs
2 CHM 1032 General Chemistry 3 hrs
1 ZOO 3733C Human Anatomy 4 hrs
1 PCB 3703C Human Physiology 4 hrs
1 HUN 3011 Human Nutrition 3 hrs

Select 1: 3 hrs

STA 2014C Principles of Statistics or 3 hrs
STA 2023 Statistical Methods I 3 hrs

Select 1: 3 hrs

SOW 3104 Assessing I: Human Development or 3 hrs
DEP 2004C Developmental Psychology 3 hrs

Select 1: 3 hrs

PSY 2012 General Psychology or 3 hrs
SYG 2000 Introduction to Sociology 3 hrs

1 science prerequisite
2 or other approved science prerequisite

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (57 hrs)
- Any variation from the following must be approved by the College of Nursing.

NUR 3065 Health Assessment 2 hrs
NUR 3065L Health Assessment Lab 1 hr
NUR 3825 The Role of the Professional Nurse 2 hrs
NUR 3028 Essentials of Nursing Practice 2 hrs
NUR 3028L Essentials of Nursing Practice Lab 1 hr
NUR 3755L Essentials of Nursing Practice Clinical 2 hrs
NUR 3634 Community Health Nursing 3 hrs
NUR 3634L Community Health Nursing Clinical 2 hrs
NUR 3125 Pathophysiology for Nursing Practice 3 hrs
NUR 3145 Pharmacology for Nursing Practice 3 hrs
NUR 3225 Nursing Care of the Adult I 3 hrs
NUR 3225L Nursing Care of the Adult I: Clinical Practice 2 hrs
NUR 3445 Nursing Care of Families 3 hrs
NUR 3445L Nursing Care of Families Clinical 2 hrs
1 NUR 3167 Accelerated Nursing Research Seminar 1 hr
NUR 4227 Nursing Care of the Adult II 4 hrs
NUR 4227L Nursing Care of the Adult II: Clinical Practice 3 hrs
NUR 4829 Accelerated Transitioning into Professional Practice as a Leader 3 hrs
NUR 4257 Introduction to Critical Care Nursing 3 hrs
NUR 4945L Nursing Practicum 4 hrs
NUR 4535 Psychiatric Mental Health Nursing 3 hrs
NUR 4535L Psychiatric Mental Health Clinical 2 hrs
NUR 4637 Public Health Nursing 2 hrs
NUR 4637L Public Health Nursing Clinical 1 hr

1 Students without a research course on transcript must take NUR 3165 (3 hrs)

5. Restricted Electives (3 hrs)
Nursing Elective 3 hrs

- Students may petition the undergraduate Admission, Progression and Graduation (APG) committee to substitute elective requirement

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- None

Graduation
- None

8. Electives
- None

9. Additional Requirements
- Mandatory Drug Screening is required prior to admission and “on demand” for continuation in the program.
- Complete all courses in major with at least a “C” (2.0)
- Maintain a UCF GPA of 2.5 or above
- Maintain a College of Nursing GPA of 2.5 or above

10. Required Minors
- None

11. Departmental Exit Requirements
- Completion of all courses in major with a grade of “C” (2.0) or better
- UCF GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
Accelerated Undergraduate-Graduate Programs

- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required
- 57

Honors in Major
- University Honors and Honors in the Major Available
- Open to students with a minimum 3.5 GPA in Nursing.
- Completion of a three credit directed readings course.
- Completion of a three credit thesis course.
- Must earn a minimum GPA of 3.2 GPA.
- Completion of 60 semester hours of college credit, including 12 graded upper division hours at UCF.

Related Programs
- Health Services Administration
- Social Work

Certificates
- None

Related Minors
- Aging Studies
- Psychology
- Health Sciences
- Health Services Administration

Advising Notes
- None

Transfer Notes
- Lower division courses do not substitute for upper division courses.
- Nursing courses transferred from private and out-of-state schools must be evaluated for equivalency credit by the undergraduate program coordinator. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses
- General Psychology (PSY X012) or any General Psychology course (3 hrs)
- General Sociology (SYG 2000) or any Intro to Sociology course (3 hrs)
- Statistics (STA 2014C or 2023)
- General Chemistry (CHM 1032 or any other approved chemistry course (3 hrs) or approved science course (3 hrs)
- Human Anatomy and Physiology I & II w/lab (BSC 2093/2094 or (BSC X085/X086). This is a biological science prerequisite. (6-8 hrs)
- General Microbiology (MCB 3020C) (MCB X010C) w/lab or any Microbiology course w/lab. This is a biological science prerequisite. (4 hrs)
- Developmental Psychology (DEP 2004C) or any Human Growth & Development Across Life Span (3 hrs)
- Human Nutrition with Therapeutic Nutrition (3 hrs)

Shared Courses
- None

Graduate Courses Link
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $25 per term
- Full-Time Student: $50 per term

---

Nursing - R.N. to M.S.N. Option (B.S.N./M.S.N.)

College of Nursing

UTWR, Room: 3rd floor
http://www.nursing.ucf.edu/
Email: ucfnurse@ucf.edu
Dr. Stephen Heglund, RN to MSN Coordinator
Dr. Mary Lou Sole, Interim Dean
Dr. Maureen Covelli, Assoc. Dean Undergraduate
Dr. Susan Chase, Assoc. Dean Graduate
Phone: 407-823-2744

An accelerated program culminating in the Bachelor’s degree while preparing the student who applies for and is accepted to graduate studies. Available MSN tracks include Nursing Leadership & Management, Nursing Education, and Nurse Practitioner. A separate application to Graduate Studies is required to continue beyond the Bachelor’s degree. Admission to graduate studies is limited access and not guaranteed. Nine graduate level credit hours from the RN to MSN program are applied to both the BSN and MSN degrees. Most classes are available online. In person attendance is required for NGR 5003L.

Admission Requirements
- Acceptance to the university does not constitute admission to the RN-MSN program. Separate application to this limited access program must be made. Contact the College of Nursing or visit our website at http://www.nursing.ucf.edu for application materials.
- All applicants must meet the following criteria:
  - Graduate of a state-approved or accredited associate degree or diploma nursing program
  - Licensure as a Registered Nurse (RN)
  - Completion of UCF general education requirements or an AA degree from a Florida College System institution.
  - Completion of prerequisites for the RN to BSN nursing program
  - Minimum cumulative GPA of 3.0. (all prior college coursework)
  - Admitted to UCF undergraduate program

Interim Requirements:
- Maintain a Nursing GPA of 3.0

Admission Requirements for Graduate Program Phase:
- These requirements should be met one semester before the BSN is awarded.
- Application to and acceptance by UCF Graduate Studies (see Graduate Studies Web site for deadlines)
- Completion of all UCF College of Nursing coursework to date with a minimum GPA of 3.0

Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog year, including minors.
- Students should consult with a college advisor or Florida College System AA transfer advisor regarding completion of General Education requirements and the Common Program Prerequisites.
- Students should consult with an advisor in the College of Nursing Undergraduate Student Services Office for clarification of questions regarding prerequisite requirements.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System or State University System institution.
- UCF Residency Requirement: 30 hours
- The BSN is awarded after completion of 120 hours including 30 hours of specified program requirements.
- The MSN is awarded after completion of graduate program.
The courses designated in sections 1 (General Education) and 2 (Common Program Prerequisites) should be completed in the first 60 hours.

An individualized plan of study is developed for each student admitted to the RN to MSN option.

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1608 Fundamentals of Oral 3 hrs Communication

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (6 hrs)
- Prefer MAC 1105 College Algebra 3 hrs
- Required STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
Select 1:
- SYG 2000 Introduction to Sociology or 3 hrs
- Prefer PSY 2012 General Psychology 3 hrs
- Prefer 3 hrs

Select 1:
- ECO 2013 Principles of Macroeconomics or 3 hrs
- Prefer ECO 2023 Principles of Microeconomics 3 hrs
- Prefer POS 2041 American National Government 3 hrs

1 One of these courses is required to meet General Education requirements.

E: Science Foundations (6 hrs)
Suggested BSC 2010C Biology I 4 hrs
1 Required CHM 1032 General Chemistry 3 hrs
1 or other approved science. Science Foundation is 6 credit hours for General Education Program. The BSC course is needed as a course prerequisite for Anatomy and Physiology and Health Microbiology. Chemistry is needed as a course prerequisite for Nutrition (HUN 3011).

2. Common Program Prerequisites (CPP) (18 hrs)
See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

- MCB 2004C Microbiology for Health Professionals 4 hrs
- CHM 1032 General Chemistry GEP
- ZOO Human Anatomy 4 hrs
- PCB 3703C Human Physiology 4 hrs
- HUN 3011 Human Nutrition 3 hrs

Select 1:
- STA 2014C Principles of Statistics or 3 hrs
- STA 2023 Statistical Methods I GEP

Select 1:
- SOW 3104 Assessing I: Human Development or 3 hrs
- DEP 2004C Developmental Psychology

Select 1:
- PSY 2012 General Psychology or 3 hrs
- SYG 2000 Introduction to Sociology GEP

1 or other approved science. Also meets General Education Requirements; applicants should see a UCF Nursing Advisor for possible course substitutions.

1 May take Anatomy and Physiology sequence of six-eight total credits.

3 Also meets General Education Requirements; applicants should see a UCF Nursing Advisor for possible course substitutions.

3. Core Requirements: Basic Level
None

4. Core Requirements: Advanced Level (30 hrs)

- NUR 3805 Dimensions of Professional Nursing Practice 3 hrs
- NUR 3165 Nursing Research 3 hrs
- NUR 3634 Community Health Nursing 3 hrs
- NUR 4837 Health Care Issues, Policy, and Economics 3 hrs
- NUR 4604L Practicum in Community and Public Health Nursing for RNs 4 hrs
- NUR 4637 Public Health Nursing 2 hrs

5. Restricted Electives

Upper Division Credit 27 hrs
- May be met by validation and RN License.
- NUR 3028 Essentials of Nursing Practice 2 hrs
- NUR 3028L Essentials of Nursing Practice Lab 1 hr
- NUR 3225 Nursing Care of the Adult I 3 hrs
- NUR 3225L Nursing Care of the Adult I: Clinical 2 hrs
- NUR 3445L Nursing Care of Families Clinical 2 hrs
- NUR 3755L Essentials of Nursing Practice Clinical 2 hrs
- NUR 4227 Nursing Care of the Adult II 4 hrs
- NUR 4227L Nursing Care of the Adult II: Clinical Practice 3 hrs
- NUR 4535 Psychiatric Mental Health Nursing 3 hrs
- NUR 4535L Psychiatric Mental Health Clinical 2 hrs

6. Capstone Requirements

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam).

Graduation
None

8. Electives

Variable to meet degree requirements.

9. Additional Requirements

A criminal background check and mandatory Drug Screening may be required prior to any clinical course and “on demand” for continuation in the program.

10. Required Minors
None

11. Departmental Exit Requirements

Completion of all courses in major with a grade of “B” (3.0) or better
- Cumulative GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A minimum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required
120

NURSE EDUCATOR / CLINICAL NURSE 12 hrs

LEADER TRACKS
- Take the following 12 credits (nine graduate credits also applied to MSN)

  - NGR 5003 Advanced Health Assessment and Diagnostic Reasoning and 2 hrs
  - NGR 5003L Advanced Health Assessment and Diagnostic Reasoning (Lab) 1 hr
  - NGR 5141 Pathophysiological Bases for Advanced Nursing Practice and 3 hrs
  - NUR 4828 Nursing Leadership, Management and Role 3 hrs
  - NUR 5800 Theory for Advanced Practice Nursing 3 hrs

NURSING LEADERSHIP & MANAGEMENT 12 hrs

TRACK
- Takes the following 12 credits (nine graduate credits also applied to MSN)

  - NGR 5720 Organizational Dynamics and 3 hrs
  - NGR 5871 Health Care Informatics and 3 hrs
  - NGR 5800 Theory for Advanced Practice Nursing and 3 hrs
  - NUR 3065 Health Assessment and 2 hrs
  - NUR 3065L Health Assessment Lab 1 hr

1 On campus attendance required.

UNIVERSITY OF CENTRAL FLORIDA
Accelerated Undergraduate-Graduate Programs

Honors In Major
- Contact CON HIM Advisor or Program Coordinator

Related Programs
- Health Services Administration
- Aging Studies

Related Minors
- Psychology
- Health Sciences
- Health Services Administration
- Health Information Management

Advising Notes
- Students are required to design an individual plan of study with an advisor. Any changes to that plan must be made in consultation with the advisor. Failure to do so may result in a delay of program progression and/or graduation.

Transfer Notes
- A maximum of 6 upper division credit hours of Nursing courses may be transferred from another institution.

Acceptable Substitutes for Transfer Courses
- None

Shared Courses
- None

Graduate Courses Link
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oias.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
- Full-Time Student: $50 per term
- Part-Time Student: $25 per term

UCF Legal Studies/Barry Law/Touro Law Accelerated Legal Studies Degree Program (B.A. / B.S. to J.D.)

College of Health and Public Affairs
Department of Legal Studies,
Health & Public Affairs I, Room: 343
http://www.cohpa.ucf.edu/legalstudies/index.shtml
Email: legalstudies@ucf.edu
Dr. James Beckman, James.Beckman@ucf.edu, 407-823-1670
Phone: 407-823-1670

Students seeking admission to either Barry University Dwayne O. Andreas School of Law in Orlando, Florida, or Touro College Jacob D. Fuchsgberg Law Center in Central Islip, New York, through the accelerated legal studies program will meet all admissions requirements for the above referenced law school(s) and obtain a B.A./B.S. in Legal Studies after completion of the first year of the law school curriculum and all UCF requirements.

Admission Requirements
- Students should apply for selection into this program no later than the end of the first semester of their junior year.
- Early student applications will also be accepted. Eligibility requirements include being a declared Legal Studies major, SAT score of 1175, high school GPA of 3.6, successful completion of a minimum of 15 credit hours of UCF course work with a 3.2 UCF GPA, completion of at least 33 credit hours of required coursework in sections 4 and 5 below in residence at UCF, a personal statement essay, two letters of recommendation and a personal interview. More information about the admission and selection process (as well as deadlines for the application process) may be found at http://wwwcohpa.ucf.edu/legalstudies/index.shtml.

Degree Requirements
- Students selected by UCF faculty members for participation in the Accelerated Law Program must complete all UCF General Education Program requirements, all requirements for the major (B.A. or B.S.) in Legal Studies, and at least 90 total credit hours towards the baccalaureate degree.
- Participants must maintain a minimum 3.2 overall GPA and cumulative 3.5 GPA in all UCF legal studies coursework. Failure to achieve minimum GPA requirements in any one semester may disqualify a student from further participation in the 3+3 Accelerated Law program.
- Participating students may elect to complete their UCF bachelor’s degree in residence at UCF under the following circumstances: students not accepted by Barry or Touro Law may complete their remaining requirements for graduation from UCF with a bachelor’s degree; students who decide to opt out of the 3+3 Accelerated Law Program may elect to fulfill their remaining requirements for graduation from UCF with a bachelor’s degree; and students who do not successfully complete their first year of course work at law school may elect to return to UCF to fulfill their remaining requirements for graduation from UCF with a bachelor’s degree. Students decelerating to UCF decelerate back into the Legal Studies B.A./B.S. degree program. Students decelerating to UCF are bound by the UCF catalog requirements applicable to the year the student first entered UCF. For students passing some, but not all, of their required first year classes at Barry or Touro, classes successfully completed with a grade of “C” (2.0) or better will transfer back to UCF towards the successful completion of the student’s electives needed for graduation.
- Only courses with grades of “C” (2.0) or better can be transferred to UCF’s legal studies’ program of study.
- Students are required to consult with a departmental advisor each semester at UCF to ensure that student is wholly advised as to all specific program requirements.
- Failure to meet with a departmental advisor each semester constitutes grounds for dismissal from the Accelerated Law Program.

1. UCF General Education Program (GEP) (36 hrs)
   A: Communication Foundations (9 hrs)
   Required ENC 1101 Composition I 3 hrs
   Required ENC 1102 Composition II 3 hrs
   Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

   B: Cultural & Historical Foundations (9 hrs)
   C: Mathematical Foundations (6 hrs)
   D: Social Foundations (6 hrs)
   E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
   None

3. Core Requirements: Basic Level
   None

4. Core Requirements: Advanced Level (18 hrs)
   All core requirements must be completed with a minimum grade of “C” (2.0) to satisfy the major.
   PLA 3014 Law and the Legal System 3 hrs
   PLA 3108 Legal Research 3 hrs
   PLA 3155 Legal Writing 3 hrs
   PLA 3205 Civil Practice and Procedure 3 hrs
   PLA 3615 Property and Real Estate Law 3 hrs
   PLA 4703 Professional Ethics and Liability 3 hrs

5. Restricted Electives (30 hrs)
   Upper Division Restricted Electives 21 hrs
   21 additional hours of Legal Studies coursework selected in consultation with an advisor
Supporting Courses 9 hrs
- Students pursuing the B.A. degree must complete nine semester hours of supporting courses chosen with the approval of the student's advisor. Students pursuing the B.S. degree must complete fifteen hours of supporting courses chosen with the approval of the student's advisor.

6. Capstone Requirements (3 hrs)
- Capstone must be completed with a minimum grade of "C" (2.0) to satisfy the major.
- PLA 4935 Capstone: Legal Issues 3 hrs

7. Foreign Language Requirements

Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level.

8. Electives
- If students chose the following electives, they must complete them with a minimum grade of a "C" (2.0): PLA 4020, PLA 4240, PLA 4910.

9. Additional Requirements
- Students in the accelerated program will complete the following courses in their first year at either Barry or Touro Law:

Barry Law School:
Fall Semester
- LAW 5307 Contracts I 3 hrs
- LAW 5101 Civil Procedure I 3 hrs
- LAW 5228 Property I 3 hrs
- LAW 5109 Torts I 3 hrs
- LAW 5010 Legal Research and Writing I 3 hrs

Spring Semester
- LAW 5407 Contracts II 3 hrs
- LAW 5201 Civil Procedure II 2 hrs
- LAW 5328 Property II 2 hrs
- LAW 5209 Torts II 2 hrs
- LAW 5020 Legal Research and Writing II 3 hrs
- LAW 5106 Criminal Law 3 hrs

Touro Law School
Fall Semester
- LAW 643 Legal Process I 3 hrs
- LAW 671 Civil Dispute Resolution and Procedure I 3 hrs
- LAW 610 Contracts I 3 hrs
- LAW 615 Torts I 3 hrs
- LAW 617 Criminal Law I 3 hrs

Spring Semester
- LAW 633 Legal Process II 3 hrs
- LAW 672 Civil Dispute Resolution and Procedure II 3 hrs
- LAW 611 Contracts II 3 hrs
- LAW 628 Torts II 3 hrs
- LAW 631 Property I 3 hrs

10. Required Minors
- None

11. Departmental Exit Requirements
- For the accelerated program, the degree is awarded after successful completion of the first year of law school at either Barry or Touro Law and completion of all UCF requirements. All course work must be at the "C" (2.0) level or higher for transfer purposes.
- The accelerated program student must have completed all of the UCF General Education Program Requirements, all requirements for the Legal Studies Major, and a minimum of 90 combined credit hours of work at UCF before matriculating to law school under this program.
- Students must earn the equivalent of 120 hours of course work (UCF and Law School (first year or second year of Law School credit hours) before receipt of a UCF Legal Studies Degree.
- For students decelerating to the 4 year B.A./B.S. program, the student must complete all coursework in the baccalaureate curriculum as shown for a Legal Studies B.A./B.S. degree as specified in the catalog and all university requirements, including the completion of 120 credit hours.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required
- 120

Honors in Major
- None

Related Programs
- Criminal Justice
- History
- Political Science
- English - Pre-Law Track

Certificates
- None

Related Minors
- None

Advising Notes
- None

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Shared Courses
- None

Graduate Courses Link
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm
The University offers five specialized degree programs for students who have graduated from a Florida College System institution with an A.S. in the following programs: Applied Science, Criminal Justice Technology, Business Administration, Hospitality Management, and Nursing. Students who wish to transfer to UCF under the provisions of the articulated A.S. programs must meet specific criteria:

1. Students must graduate with the specific program and new A.S. in Fall 2000 or later. Students who have graduated with an A.S. prior to Fall 2000 are not eligible to participate in these programs. The pre-2000 Florida College System institution A.S. programs have slightly different requirements. Students who do not have the new A.S. should complete their general education at the community or state college and then transfer into the appropriate non-A.S. to B.S. program at UCF.

2. Students who have graduated with an A.S. prior to Fall 2000 are not eligible to participate in these programs. The pre-2000 Florida College System institution A.S. programs have slightly different requirements. Students who do not have the new A.S. should complete their general education at the community or state college and then transfer into the appropriate non-A.S. to B.S. program at UCF.

3. Students may only transfer from the specific major to the specific major; e.g., Business Administration to General Business. One cannot, for example, transfer an A.S. in Business Administration to a B.S. in Accounting under this agreement.

4. Students should select the appropriate major on the on-line application, designating their desire to participate in the articulation agreement.

5. Students earning an Associate in Science have the option of completing the state approved general education program at a Florida community or state college or state university and must request an official transcript with “general education requirements met” on the transcript to be sent to the UCF Registrar prior to their graduating term from the University of Central Florida. Students who chose to complete their general education program at UCF must meet all of UCF’s current course requirements. Students may not be transient in their last 30 of 39 hours at UCF.

6. Students with an Associate in Applied Science (A.A.S.) degree are not eligible for participation in these programs unless they also have the appropriate A.S. degree. Students who change majors out of these programs must adopt the requirements of the most current catalog for the selected major, including the required UCF General Education Program.

Admission Requirements

- Completion of an A.S. degree from a Florida College System institution in Fall 2000 or later including at least 15 hours of transferable general education courses. Other applicants will be given individual review.

Degree Requirements

- Students must earn 42 semester hours of upper level credit.
- Students who change degree programs and select a major must adopt the most current catalog.

Students should maintain contact with an academic advisor to guarantee timely completion of all requirements including Gordon Rule, Foreign Language Admission, and General Education.

1. **UCF General Education Program (GEP)** (36 hrs)

   - Students will complete their remaining General Education courses after admission to UCF. The remaining courses will be determined in consideration of General Education courses completed as part of the articulated A.S. and will come from the following areas:

   **A: Communication Foundations** (9 hrs)
   **B: Cultural & Historical Foundations** (9 hrs)
   **C: Mathematical Foundations** (6 hrs)
   **D: Social Foundations** (6 hrs)
   **E: Science Foundations** (6 hrs)

2. **Common Program Prerequisites (CPP)**

3. **Core Requirements: Basic Level** (10 hrs)
   
   MAN 3025 Management of Organizations 3 hrs
   
   Select 1:
   
   BUL 3130 Legal and Ethical Environment of Business 3 hrs
   PLA 3014 Law and the Legal System 3 hrs
   
   Select 2:
   
   ENC 3241 Writing for the Technical Professional 3 hrs
   ENC 3250 Professional Writing 3 hrs

4. **Core Requirements: Advanced Level**

   - None

5. **Restricted Electives**

   - Area of Concentration (Choose one)
   - All tracks are not available at all locations.

   **Criminal Justice Track** 18 hrs
   CCJ 3024 Criminal Justice System 3 hrs
   CCJ 3014 Crime in America 3 hrs
   
   **Select 2:** 6 hrs
   CJI 3510 Prosecution and Adjudication 3 hrs
   CJC 3010 Corrections and Penology 3 hrs
   CJJ 4014 Police and Society 3 hrs
   Six additional hours of CCJ, CJC, CJE, CJI, or CTJ courses, selected with the aid of an academic advisor

**ARTICULATED A.S. PROGRAMS**

**Applied Science B.A.S. (A.S. to B.A.S.)**

Office of Undergraduate Studies
Office of Interdisciplinary Studies.
12201 Research Parkway, Suite 101
http://www.regionalcampuses.ucf.edu/
Jennifer Sumner, Jennifer.Sumner@ucf.edu, 407-823-4547

The Bachelor of Applied Science, available at selected sites, provides baccalaureate educational opportunities with a curriculum designed to develop competencies in organizational skills, management, and communication. Emphasis will also be placed on the development of skills in critical thinking, problem solving, and ethical decision-making. Candidates for this program must have earned a statewide articulated A.S. from a Florida College System institution in Fall 2000 or later. Students are allowed to take lower level, general education classes at the campus in Orlando if necessary. Students have the option of completing the state approved general education program at a Florida College System institution or State University and must request an official transcript with “general education requirements met” on the transcript to be sent to the UCF Registrar prior to their graduating term from the University of Central Florida. Students who choose to complete their general education at the community or state college.

Students admitted into these programs must meet the requirements as stated in the programs listed below. Students who change majors out of these programs must adopt the requirements of the most current catalog for the selected major, including the required UCF General Education Program.

Questions concerning the requirements of these majors should be referred to the appropriate academic department, Regional Campuses Associate Director 407-823-2809, or the Director of Transfer and Transition Services, 407-823-2231.
### Articulated A.S. Programs

<table>
<thead>
<tr>
<th>Legal Studies Track</th>
<th>18 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Take all of the following:</strong></td>
<td>6 hrs</td>
</tr>
<tr>
<td>PLA 3014</td>
<td>Law and the Legal System and 3 hrs</td>
</tr>
<tr>
<td>PLA 3108</td>
<td>Legal Research 3 hrs</td>
</tr>
<tr>
<td><strong>Select 4:</strong></td>
<td>12 hrs</td>
</tr>
<tr>
<td>PLA 3155</td>
<td>Legal Writing or 3 hrs</td>
</tr>
<tr>
<td>PLA 3205</td>
<td>Civil Practice and Procedure or 3 hrs</td>
</tr>
<tr>
<td>PLA 3277</td>
<td>The Law of Torts or 3 hrs</td>
</tr>
<tr>
<td>PLA 3309</td>
<td>Criminal Procedure or 3 hrs</td>
</tr>
<tr>
<td>PLA 4424</td>
<td>The Law of Contracts or 3 hrs</td>
</tr>
<tr>
<td>PLA 4703</td>
<td>Professional Ethics and Liability 3 hrs</td>
</tr>
<tr>
<td><strong>Health Services Administration</strong></td>
<td>18 hrs</td>
</tr>
<tr>
<td><strong>Take all of the following:</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>HSA 3111</td>
<td>U.S. Health Care Systems and 3 hrs</td>
</tr>
<tr>
<td>HSC 4201</td>
<td>Community Health and 3 hrs</td>
</tr>
<tr>
<td>HSA 4180</td>
<td>Organization &amp; Management for Health Agencies I and 3 hrs</td>
</tr>
<tr>
<td>HSA 4191</td>
<td>Health Care Automation and 3 hrs</td>
</tr>
<tr>
<td>HSC 4500</td>
<td>Epidemiology 3 hrs</td>
</tr>
<tr>
<td><strong>Select 1:</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>HSC 4652</td>
<td>Health Law and Ethics or 3 hrs</td>
</tr>
<tr>
<td>HSA 4109</td>
<td>Principles of Managed Care or 3 hrs</td>
</tr>
<tr>
<td>HSA 4702</td>
<td>Health Sciences Research Methods or 3 hrs</td>
</tr>
<tr>
<td>HIM 4508</td>
<td>Quality Management 3 hrs</td>
</tr>
<tr>
<td><strong>Information Technology Track</strong></td>
<td>21 hrs</td>
</tr>
<tr>
<td><strong>Requirements for the track:</strong></td>
<td></td>
</tr>
<tr>
<td>An A.S. degree in computer technology, computer related field or at a minimum an A.S. degree and at least 3 different computer technology courses from computer applications, computer networking, computer programming, internet technologies or equivalent experience or education. The track has a computer programming course prerequisite or equivalent experience or C.I.</td>
<td></td>
</tr>
<tr>
<td>Acceptable courses include C, C++, C#, Visual Basic, Java, or equivalent, or C.I.</td>
<td></td>
</tr>
<tr>
<td><strong>Take all of the following:</strong></td>
<td>21 hrs</td>
</tr>
<tr>
<td>CET 3383</td>
<td>Applied Systems Analysis I and 3 hrs</td>
</tr>
<tr>
<td>CET 4427</td>
<td>Applied Database I and 3 hrs</td>
</tr>
<tr>
<td>ETI 4448</td>
<td>Applied Project Management and 3 hrs</td>
</tr>
<tr>
<td>CET 4748</td>
<td>Wide Area Networks I and 3 hrs</td>
</tr>
<tr>
<td>CET 4749</td>
<td>Wide Area Networks II and 3 hrs</td>
</tr>
<tr>
<td>CET 4863</td>
<td>Computer and Network Security and 3 hrs</td>
</tr>
<tr>
<td>CET 4483</td>
<td>Intro to Local Area Network Technology 3 hrs</td>
</tr>
<tr>
<td><strong>Software Development Track</strong></td>
<td>21 hrs</td>
</tr>
<tr>
<td><strong>Requirements for the track:</strong></td>
<td></td>
</tr>
<tr>
<td>An A.S. degree and at least 3 programming courses (an intro and 2 courses in the same language in sequence) and a database course.</td>
<td></td>
</tr>
<tr>
<td><strong>Take all of the following:</strong></td>
<td>21 hrs</td>
</tr>
<tr>
<td>COP 3330</td>
<td>Object Oriented Programming and 3 hrs</td>
</tr>
<tr>
<td>CEN 4025</td>
<td>Software Development II and 3 hrs</td>
</tr>
<tr>
<td>CEN 4910</td>
<td>Software Development Project and 3 hrs</td>
</tr>
<tr>
<td>ETI 4448</td>
<td>Applied Project Management and 3 hrs</td>
</tr>
<tr>
<td>CEN 4802</td>
<td>Software Integration, Configuration, and Testing and 3 hrs</td>
</tr>
<tr>
<td>CEN 4333</td>
<td>Advanced Database Development 3 hrs</td>
</tr>
<tr>
<td><strong>6. Capstone Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>7. Foreign Language Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>Admissions</td>
<td></td>
</tr>
<tr>
<td>Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.</td>
<td></td>
</tr>
<tr>
<td>Graduation</td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>8. Electives</strong></td>
<td></td>
</tr>
<tr>
<td>Consult Program Advisor.</td>
<td></td>
</tr>
<tr>
<td><strong>9. Additional Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>10. Required Minors</strong></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

---

### Criminal Justice - A.S. to B.S. Track (B.S.)

**College of Health and Public Affairs**

**Department of Criminal Justice, Health and Public Affairs, Room: 311**


**Email:** cjadvise@mail.ucf.edu

Cory Watkins

Phone: 407-823-2603

A.S. to B.S. Track (Completion program only for individuals who have a statewide articulated A.S. from a Florida College System institution)

**Admission Requirements**

- Completion of a Statewide Articulated A.S. in Criminal Justice from a Florida College System institution which is composed of 64 hours of course work, including at least 18 hours of transferable general education courses.

**Degree Requirements**

- Students who change degree programs and select this major must adopt the most current catalog.
Articulated A.S. Programs

- The courses designated in section 1 below may be taken at a Florida College System institution.
- Students must earn a minimum of 2.0 GPA in the core requirements and the restricted electives.

1. UCF General Education Program (GEP) (36 hrs)
- Students will complete 18 hours of selected General Education courses. The specific courses will be determined in coordination with General Education courses completed as part of the articulated A.S. and come from the following areas:
  A: Communication Foundations
  B: Cultural & Historical Foundations
  C: Mathematical Foundations
  D: Social Foundations
  E: Science Foundations

2. Common Program Prerequisites (CPP)
- Completed as part of the approved A.S. program
- See “Common Prerequisites” in the Transfer and Transition Services section.

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (21 hrs)
  - CCJ 3024 Criminal Justice System 3 hrs
  - CCJ 3014 Crime in America 3 hrs
  - CJA 3510 Prosecution and Adjudication 3 hrs
  - CJS 3010 Corrections and Penology 3 hrs
  - CJE 4014 Police and Society 3 hrs
  - CCJ 4701 Research Methods in Criminal Justice 3 hrs
  - CCJ 4746 Data Analysis for Criminal Justice 3 hrs

5. Restricted Electives (27 hrs)
- 24 additional semester hours of upper division CCJ course work. Seniors can satisfy up to six hours of this requirement with internship and up to six hours with directed independent study; however, the combination of these non-class options shall not exceed nine hours. Program standards must be met to be eligible for either internship or independent study credit.
- 3 additional semester hours of supporting courses to be selected with and approved by the student’s advisor. These courses may vary from student to student depending upon individual needs or objectives, but include selected courses from public administration, legal studies, sociology, statistics, and psychology.

6. Capstone Requirements
- None

7. Foreign Language Requirements
  Admissions
- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- Students must take a minimum of 36 hours from the department to obtain the UCF degree in Criminal Justice.

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 130

Honors In Major
- None

Related Programs
- Legal Studies
- Certificates
  - Crime Analysis and Crime Mapping
  - Criminal Profiling
  - Security Management
  - Crime Scene Investigation
  - Victim Advocacy

Related Minors
- Legal Studies
- Public Administration
- Psychology

Advising Notes
- None

Transfer Notes
- None

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- None

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alcacademic_learning_compacts.htm

General Business - A.S. to B.S. Track (B.S.B.A.)

Department of Management,
Business Administration II, Room: 101
http://www.bus.ucf.edu/
Phone: 407-823-2184

Completion program only for individuals who have statewide articulated A.S. from a Florida College System institution.

Admission Requirements
- Completion of a Statewide Articulated A.S. in Business Administration from a Florida College System institution which is composed of 64 hours of course work, including at least 24 hours of transferable General Education courses.

Degree Requirements
- Must complete all Gordon Rule requirements prior to admission to this degree.
- Students who change degree programs and select another major must adopt the most current catalog.
- Only grades of “C” (2.0) or higher transfer into the program and students must have a “C” (2.0) or better in each common program prerequisites class.
- Students wanting to major in General Business must apply for admission to the major.
- Final exams will be given during Exam Week.
- Any student receiving a business degree must complete one half (30) of the 60 upper level business courses for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- Students must have at least a 2.0 GPA in the major and COB. Students majoring in General Business must earn a grade of “C” (2.0) or better in each course applied toward the major.
Articulated A.S. Programs

1. UCF General Education Program (GEP)  (12 hrs)
   - Students will complete 12 hours of selected General Education courses. The specific courses will be determined in coordination with General Education courses completed as part of the articulated A.S. and may come from the following areas:
     A: Communication Foundations
        Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
     B: Cultural & Historical Foundations
     C: Mathematical Foundations
     D: Social Foundations
     E: Science Foundations

2. Common Program Prerequisites (CPP)  (18 hrs)
   - Must be completed with a “C” (2.0) or better.
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
     ACG 2021 Principles of Financial Accounting 3 hrs
     ACG 2071 Principles of Managerial Accounting 3 hrs
     CGS 2100C Computer Fundamentals for Business 3 hrs
     ECO 2013 Principles of Macroeconomics 3 hrs
     ECO 2023 Principles of Microeconomics 3 hrs

Select one of the following sequences of courses:
- Students must complete both MAC 2233 and STA 2023 with a “C” (2.0) or better to be waived from ECO 3401.
  - ECO 3401 Quantitative Business Tools I 3 hrs
  - or MAC 2233 Concepts of Calculus and 3 hrs
  - STA 2023 Statistical Methods I 3 hrs

3. Core Requirements: Basic Level
   - None

4. Core Requirements: Advanced Level  (37 hrs)

   Core Classes 25 hrs
   - First or subsequent semester in the College of Business Administration:
     BUL 3130 Legal and Ethical Environment of Business 3 hrs
     ECO 3411 Quantitative Business Tools II 3 hrs
     FIN 3403C Business Finance 3 hrs
     1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
     2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
     BUL 3130 Legal and Ethical Environment of Business 3 hrs
     ECO 3411 Quantitative Business Tools II 3 hrs
     MAR 3023 Marketing 3 hrs
     MAR 3203 Supply Chain and Operations Management 3 hrs

   Second Level Core Requirements 12 hrs
   - Students must take the following four (4) courses:
     ECP 3403C Business Finance 3 hrs
     FIN 3303 Financial Markets 3 hrs
     MAN 3001 Management of Human Resources 3 hrs
     MAR 3023 Marketing 3 hrs

5. Restricted Electives  (12 hrs)
   - Twelve credit hours taken under the A.S. to B.S. agreement will be counted toward the degree.

6. Capstone Requirements  (4 hrs)
   - This course is taken in the graduating term and requires the following prerequisites:
     FIN 3403C Business Finance 3 hrs
     1 GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
     2 GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
     MAN 3025 Management of Organizations 3 hrs
     MAR 3023 Marketing 3 hrs

   1 Required in 1st or 2nd semester.
   2 Must be taken with GEB 3031

7. Foreign Language Requirements
   - Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
Articulated A.S. Programs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oears.ucf.edu/aic/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $15 per term
- Full-Time Student: $30 per term

Hospitality Management - A.S. to B.S. Track (B.S.)
Rosen College of Hospitality Management
Department of Hospitality Services,
9907 Universal Boulevard, Orlando, FL 32819
Email: hospitality@mail.ucf.edu
Dr. Abraham Pizam, Dean
Phone: 407-903-8000

Admission Requirements
- Completion of a Statewide Articulated A.S. in Hospitality Management from a Florida College System institution.
- Course work will be comprised of 18 hours of general education and 42 hours of upper division hospitality management course work as determined by an individual plan of study.
- Below is a sample plan of study

Degree Requirements
- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.
- Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

1. UCF General Education Program (GEP) (18 hrs)
- Students will complete 18 hours of selected General Education courses. The specific courses will be determined in coordination with General Education courses completed as part of the articulated A.S. and come from the following areas:
  - A: Communication Foundations
  - B: Cultural & Historical Foundations
  - C: Mathematical Foundations
  - D: Social Foundations
  - E: Science Foundations

2. Common Program Prerequisites (CPP) (3 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- HFT 1000  Introduction to the Hospitality and Tourism Industry 3 hrs

3. Core Requirements: Basic Level (3 hrs)
- MAC 1105C  College Algebra 3 hrs

Select 1:
- CGS 2100C  Computer Fundamentals for Business or GEP 3 hrs
- STA 2023  Statistical Methods I GEP 3 hrs

Select 1:
- ECO 2013  Principles of Macroeconomics or GEP 3 hrs
- ECO 2023  Principles of Microeconomics GEP 3 hrs

4. Core Requirements: Advanced Level (27 hrs)
- Hospitality Management Core 27 hrs
- Course work taken within the Rosen College of Hospitality Management.
- Students must earn a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.

Select 3
- HFT 3700  Tourism Management or 3 hrs
- HFT 3263  Restaurant Management or 3 hrs
- HFT 3273  Principles of Resort Timesharing or 3 hrs
- HFT 4755  Theme Park and Attraction Management or 3 hrs
- HFT 4277  Yacht, Country, And City Club Management 3 hrs

Guest Lecture 1 hr
- HFT 3933  Distinguished Lectures in Hospitality Management 1 hr

1 See Program Advisor for course selection.

5. Restricted Electives (15 hrs)
- Students should select from the following courses to fulfill their hospitality management restricted elective requirement or select one of the Specialized Tracks.

Restricted Electives 15 hrs
- Students must take 15 credit hours (five courses) from the following:
- FSS 3008  Culture and Cuisine 3 hrs
- FSS 4135  Corporate Contract and Managed Services Organizations 3 hrs
- FSS 4286C  Catering and Banquet Organization 3 hrs
- HFT 3353  Golf Planning & Operations I 3 hrs
- HFT 3354  Agronomy for Golf Course Management 3 hrs
- HFT 3355  Golf Planning & Operations II 3 hrs
- HFT 3357  Golf & Club Event Operations 3 hrs
- HFT 3384  Golf and Club Enterprises Management 3 hrs
- HFT 3654  Hospitality Franchising 3 hrs
- HFT 3741  Meeting Management 3 hrs
- HFT 3770  Cruise Line Operations and Management 3 hrs
- HFT 3798  Fairs and Festivals 3 hrs
- HFT 3868  History and Culture of Wine 3 hrs
- HFT 4065  Fine Spirits Management 3 hrs
- HFT 4253  Advanced Lodging Operations 3 hrs
- HFT 4266  Hospitality Brand Management 3 hrs
- HFT 4274  Resort Management 3 hrs
- HFT 4343  Hospitality Facilities Management 3 hrs
- HFT 4358  Golf & Club Facility Design 3 hrs
- HFT 4432  Hospitality Industry Auditing 3 hrs
- HFT 4468  Hospitality Industry Revenue Management 3 hrs
- HFT 4473  Hospitality Development Analysis 3 hrs
- HFT 4522  Resort Sales Tactics and Strategies 3 hrs
- HFT 4751  Managing the Employee Experience in the Theme Park and Attraction Industry 3 hrs
- HFT 4561  Destination Marketing 3 hrs
- HFT 4614  Risk Management in Theme Parks and Attractions 3 hrs
- HFT 4735  Tourism Geography 3 hrs
- HFT 4736  Destination Management 3 hrs
- HFT 4754  Exhibit and Trade Show Operations 3 hrs
- HFT 4759  Product Development in Theme Parks and Attractions 3 hrs
- HFT 4762  Current Practices in the Aviation Industry 3 hrs
- HFT 4752  Managing the Guest Experience in the Theme Park and Attraction Industry 3 hrs
- HFT 4758  Operational Issues in the Theme Park and Attraction Industry 3 hrs
- HFT 4795  Entertainment Arts and Events 3 hrs
- HFT 4796  International Events 3 hrs
- HFT 4864  Seminar in Quality Brewing and Fine Beer 3 hrs
- HFT 4866C  Exploring Wines of the World 3 hrs
- HFT 4894  International Gastronomy 3 hrs
- HUN 3013  Nutrition Concepts and Issues in the Food Service Industry 3 hrs

Specialized Tracks 15 hrs
- Theme Park and Attraction Mgmt Track 15 hrs
- HFT 4751  Managing the Employee Experience in the Theme Park and Attraction Industry 3 hrs
- HFT 4759  Product Development in Theme Parks and Attractions 3 hrs
- HFT 4614  Risk Management in Theme Parks and Attractions 3 hrs
- HFT 4752  Managing the Guest Experience in the Theme Park and Attraction Industry 3 hrs
- HFT 4758  Operational Issues in the Theme Park and Attraction Industry 3 hrs
- HFT 4795  Entertainment Arts and Events 3 hrs
Golf and Club Management Track  15 hrs
- HFT 3353  Golf Planning & Operations I or II  3 hrs
- HFT 3354  Agronomy for Golf Course Management or  3 hrs
- HFT 3355  Golf Planning & Operations II or III  3 hrs
- HFT 3357  Golf & Club Event Operations or 3 hrs
- HFT 3384  Golf and Club Enterprises Management or 3 hrs
- HFT 4358  Golf & Club Facility Design  3 hrs

6. Capstone Requirements
- None

7. Foreign Language Requirements
Admissions
- State University System foreign language requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation
- None

8. Electives
- None

9. Additional Requirements
- It is the responsibility of the student to take whatever steps are necessary to determine if they have been officially dropped from a course. This does not remove the student’s responsibility for dropping courses they do not intend to complete.
- Final exams will be given during Exam Week only.

10. Required Minors
- None

11. Departmental Exit Requirements
- None

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 124

Honors In Major
- None

Related Programs
- None

Certificates
- None

Related Minors
- None

Advising Notes
- Students must earn a “C” (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes
- Florida College System students in the A.S. to B.S. track are required to complete an individual plan of study with the College prior to enrolling in their first semester at UCF.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Rosen College of Hospitality Management.
- A minimum of 30 semester hours must be completed at UCF within the Hospitality major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses
- HFT 2401  Hospitality Industry Financial Accounting  3 hrs
- may be substituted with: ACG X001  3 hrs
- HFT 2401  Hospitality Industry Financial Accounting  3 hrs
  may be substituted with: ACG X011  3 hrs

Plan of Study

Junior Year - Fall  15 hrs
- General Education Requirement I  3 hrs
- General Education Requirement II  3 hrs
- General Education Requirement III  3 hrs
- General Education Requirement IV  3 hrs
- General Education Requirement V  3 hrs

Junior Year - Spring  15 hrs
- HFT 3540  Guest Services Management I  3 hrs
- HFT 3431  Hospitality industry Managerial Accounting  3 hrs
- HFT 3933  Distinguished Lectures in Hospitality Management  1 hr

General Education Requirement VI  3 hrs
- Sectorial Studies  3 hrs

Junior Year - Summer  7 hrs
- HFT 4941  Internship II  1 hr
- Sectorial Studies  3 hrs
- Hospitality Restricted Elective  3 hrs

Senior Year - Fall  13 hrs
- HFT 4464  Hospitality Industry Finance  3 hrs
- HFT 4286  Hospitality Communications  3 hrs
- HFT 4944  Internship III  1 hr
- Sectorial Studies  3 hrs
- Hospitality Restricted Elective  3 hrs

Senior Year - Spring  12 hrs
- HFT 4295  Leadership and Strategic Management in Hospitality Industry  3 hrs
- Hospitality Restricted Electives  9 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $37.50 per term
- Full-Time Student: $75 per term

Nursing - A.S. to B.S.N. Track (B.S.N.)
College of Nursing
UTWR, Room: 3rd Floor
http://www.nursing.ucf.edu
Email: ucfnurse@ucf.edu
Dr. Mary Lou Sole, Interim Dean
Dr. Maureen Covelli, Associate Dean
Dr. Stephen Heglund, RN-BSN Coordinator
Phone: 407-823-2744

BSN completion program only for individuals who have a statewide articulated A.S. in Nursing from a Florida public community or state college. (12/2000 or later)

Admission Requirements
- Acceptance to the university does not constitute admission to the upper division nursing program. Separate application to the limited access program must be made directly to the College of Nursing. All applicants must have:
  - A minimum overall undergraduate GPA of 2.8
  - Completion of a Statewide Articulated AS in Nursing from a Florida College System institution which is composed of 72 hours of course work, including at least 18 hours of transferable General Education courses (graduation 12/00 or later). Individuals who received AS prior to 12/00 or attended school other than a Florida College System or State University System institution should follow section “B” - RN to BSN Program
  - Current RN License
Articulated A.S. Programs

Degree Requirements

- Completion of all common program prerequisite courses with at least a grade of “C” (2.0) or better in each course
- Students should consult with an advisor in the College of Nursing Undergraduate Student Services Office for questions regarding prerequisite requirements
- The courses designated in sections 1 and 2 below may be taken at a Florida College System or State University System institution and should usually be completed in the first 60 hours
- A minimum overall undergraduate GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation in and graduation from the nursing program
- UCF Residency Requirement: 32 hours

1. UCF General Education Program (GEP) (36 hrs)

- Students will complete 18 hours of selected General Education courses as part of the articulated AS. The specific courses will be determined in coordination with 18 hours of General Education courses completed. Student must complete remaining General Education courses, prerequisites, and foreign language admission requirements prior to NUR 3634 Community Health Nursing. Students completing the General Education requirements at a Florida College System institution should complete those courses prior to their last 30 hours at UCF.

A: Communication Foundations (9 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Required SPC 1608 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required MAC 1105C College Algebra 3 hrs
- Required STA 2014C Principles of Statistics 3 hrs

C: Mathematical Foundations (6 hrs)
- Required SYG 2000 Introduction to Sociology 3 hrs
- Required PSY 2012 General Psychology 3 hrs

D: Social Foundations (6 hrs)
- Required SYG 2000 Introduction to Sociology 3 hrs
- Required PSY 2012 General Psychology 3 hrs

E: Science Foundations (7 hrs)
- Required BSC 2010C Biology I 4 hrs
- Required CHM 1032 General Chemistry 3 hrs

2. Common Program Prerequisites (CPP) (18 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

Select 1:

- Required CHM 1032 General Chemistry GEP
- Required HUN 3011 Human Nutrition 3 hrs
- Required MCB 2004C Microbiology for Health Professionals 4 hrs
- Required PCB 3703C Human Anatomy 4 hrs
- Required ZOO 3733C Human Anatomy 4 hrs

Select 2:

- Required STA 2014C Principles of Statistics or STA 2023 Statistical Methods I GEP

Select 1:

- Required SOW 3104 Assessing I: Human Development or DEP 2004C Developmental Psychology 3 hrs

Select 1:

- Required PSY 2012 General Psychology or SYG 2000 Introduction to Sociology GEP

3. Core Requirements: Basic Level

- None

4. Core Requirements: Advanced Level (54 hrs)

UCF Core

- Required NUR 3055 Dimensions of Professional Nursing Practice 3 hrs
- Required NUR 3065 Health Assessment 2 hrs
- Required NUR 3065L Health Assessment Lab 1 hr
- Required NUR 3165 Nursing Research 3 hrs
- Required NUR 3634 Community Health Nursing 3 hrs
- Required NUR 4637 Health Care Issues, Policy, and Economics 3 hrs
- Required NUR 4604L Practicum in Community and Public Health 4 hrs
- Required NUR 4628 Nursing Leadership, Management and Role Transition 3 hrs
- Required NUR 4637 Public Health Nursing 2 hrs
- Required NUR 3125 Pathophysiology for Nursing Practice 3 hrs

Upper Division Credit (27 hrs)

- May be met by validation and RN License

- Required NUR 3028 Essentials of Nursing Practice 2 hrs
- Required NUR 3028L Essentials of Nursing Practice Lab 1 hr
- Required NUR 3755L Essentials of Nursing Practice Clinical 2 hrs
- Required NUR 3225L Nursing Care of the Adult I: Clinical Practice 2 hrs
- Required NUR 3445 Nursing Care of Families 3 hrs
- Required NUR 3445L Nursing Care of Families Clinical 2 hrs
- Required NUR 4227 Nursing Care of the Adult II 4 hrs
- Required NUR 4227L Nursing Care of the Adult II: Clinical Practice 4 hrs
- Required NUR 4535 Psychiatric Mental Health Nursing 3 hrs
- Required NUR 4535L Psychiatric Mental Health Clinical 2 hrs
- Required NUR 3225 Nursing Care of the Adult I 3 hrs

5. Restricted Electives (3 hrs)

- Required NSP/NUR/NGR XXXX Any one upper division nursing elective

6. Capstone Requirements

- None

7. Foreign Language Requirements

Admissions

- None

8. Electives

- variable to meet degree requirements

9. Additional Requirements

- A criminal background check and mandatory Drug Screening may be required prior to any clinical course and “on demand” for continuation in the program.
- Complete all courses in major with at least a “C” (2.0)
- Maintain a UCF GPA of 2.5 or above
- Maintain a College of Nursing GPA of 2.5 or above

Progression Requirements:

- Prior to NUR 3634 Community Health Nursing: 1) Be admitted to the Nursing Program; 2) complete general education requirements or A.A. from a Florida College System or State University System institution; 3) complete foreign language admission requirement.

Other:

- Selected Courses may be offered at regional campuses.
- The RN to BSN course work is offered online. Some on-campus labs and clinical practice may be required. For more information visit http://www.nursing.ucf.edu

10. Required Minors

- None

11. Departmental Exit Requirements

- Completion of all courses in major with a grade of “C” (2.0) or better
- Cumulative overall GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above
Articulated A.S. Programs

12. University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
- 128

Honors In Major
- Contact Program Coordinator or HIM Advisor

Related Programs
- Health Services Administration
- Social Work

Certificates
- Aging Studies

Related Minors
- Psychology
- Health Sciences
- Health Services Administration
- Health Information Management

Advising Notes
- Students are required to design an individual plan of study with an advisor. Any changes to that plan must be made in consultation with the advisor. Failure to do so may result in a delay of program progression and/or graduation.

Transfer Notes
- A maximum of 6 upper division credit hours of Nursing courses may be transferred from another institution.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study (30 hrs)
- Assuming general education, foreign language and nursing prerequisites are complete

Junior Year - Fall
- NUR 3805 Dimensions of Professional Nursing Practice 3 hrs
- NUR 3125 Pathophysiology for Nursing Practice 3 hrs

Junior Year - Spring
- NUR 3165 Nursing Research 3 hrs
- NUR 3065 Health Assessment 2 hrs
- NUR 3065L Health Assessment Lab 1 hr

Junior Year - Summer
- NUR 4837 Health Care Issues, Policy, and Economics 3 hrs
- NUR 3634 Community Health Nursing 3 hrs

Senior Year - Fall
- NUR 4828 Nursing Leadership, Management and Role Transition 3 hrs
- NUR/NSP XXXX Nursing Elective 3 hrs

Senior Year - Spring
- NUR 4604L Practicum in Community and Public Health Nursing for RNs 4 hrs
- NUR 4637 Public Health Nursing 2 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $25 per term
- Full-Time Student: $50 per term
The course prefix and each digit in the course number have a meaning that found in undergraduate courses. They are designed primarily for beginning graduate students, but may be suitable for some advanced undergraduate seniors. They are open for registration to all graduate students and those seniors who receive approval of the appropriate Dean(s).

6000-6999. Advanced graduate level courses. These courses are designed to build upon the beginning graduate level courses and to deliver more advanced content and experiences. They are open only to graduate students. (Seniors, within nine hours of graduation that have a minimum 3.0 GPA and do not register for more than twelve hours may request college permission to take a 6000-level class.) Students in 3+2 programs (combined bachelor’s and master’s programs) should check with their adviser before registering for 6000-level courses.

7000-7999. Doctoral-level courses. These courses provide material at the most advanced graduate level. They are restricted to admitted doctoral students only.

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 25 participating nonpublic institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online SCNS 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 SCNS. The listing of prefixes and associated courses is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course profiles.”

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in Exception to the General Rule for Equivalency.

For example, a freshman composition skills course is offered by 59 different postsecondary institutions. Each institution uses “ENC_101” to identify its freshman composition skills 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, “ENC” means “English Composition," the century digit “1” represents “Freshman Composition,” the decade digit “0” represents “Freshman Composition Skills,” and the unit digit “1” represents “Freshman Composition Skills I.”

In the sciences and certain other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course that has the same prefix and course number but meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a Florida College System institution. The same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at the Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101. 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. NOTE: Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on the semester-term system. For example, 4.0 quarter hours often transfer as 2.67 semester hours.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

### Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**English Composition Lower (Freshman) Level at this institution** Freshman Composition Freshman Composition Skills Freshman Composition Skills I No Laboratory component in this course

---

**UNIVERSITY OF CENTRAL FLORIDA**

434 Undergraduate Catalog 2014-2015
Exceptions to the General Rule for Equivalency

Since the initial implementation of the SCNS, specific disciplines or types of courses have been excepted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually, or courses in which the student must be evaluated for mastery of skill and technique. The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution.

B. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question.

C. Courses in the 900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practica, Study Abroad, Theses and Dissertations.

D. Applied academics for adult education courses.

E. Graduate courses.

F. Internships, apprenticeships, practica, clinical experiences and study abroad courses with numbers other than those ranging from 900-999.

G. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice (accreditation certificate courses) are not guaranteed as transferable. These courses need evidence of achievement (i.e., portfolio, audition, interview, etc.).

Courses at Nonregionally Accredited Institutions

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

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to the Associate Dean, Undergraduate Studies, Millican Hall 210, University of Central Florida, 4000 Central Florida Parkway, Orlando, FL 32816. Special reports and technical information may be requested by calling the SCNS office at 850-245-0427 or at http://scns.fldoe.org.
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDH</td>
<td>Education: Higher</td>
</tr>
<tr>
<td>EDM</td>
<td>Education: Middle School</td>
</tr>
<tr>
<td>EDP</td>
<td>Educational Psychology</td>
</tr>
<tr>
<td>EDS</td>
<td>Education Supervision</td>
</tr>
<tr>
<td>EEE</td>
<td>Education: Early Childhood</td>
</tr>
<tr>
<td>EED</td>
<td>Education: Emotional Disorders - See EBD</td>
</tr>
<tr>
<td>EEE</td>
<td>Engineering: Electrical and Electronic</td>
</tr>
<tr>
<td>EEL</td>
<td>Engineering: Electrical</td>
</tr>
<tr>
<td>EED</td>
<td>Electrical/Electronics Repair</td>
</tr>
<tr>
<td>EES</td>
<td>Environmental Engineering Science</td>
</tr>
<tr>
<td>EET</td>
<td>Electronic Engineering Technology</td>
</tr>
<tr>
<td>EEV</td>
<td>Electrical/Electronic: Vocational</td>
</tr>
<tr>
<td>EEX</td>
<td>Education: Exceptional Child - Core Competencies</td>
</tr>
<tr>
<td>EGC</td>
<td>Counselor Education</td>
</tr>
<tr>
<td>EGI</td>
<td>Education: Gifted</td>
</tr>
<tr>
<td>EGM</td>
<td>Engineering Science</td>
</tr>
<tr>
<td>EGO</td>
<td>Engineering: General</td>
</tr>
<tr>
<td>EGS</td>
<td>Engineering: Support</td>
</tr>
<tr>
<td>EHD</td>
<td>Education: Hard Of Hearing &amp; Deaf</td>
</tr>
<tr>
<td>EIA</td>
<td>Education: Industrial Arts</td>
</tr>
<tr>
<td>EIN</td>
<td>Industrial Engineering</td>
</tr>
<tr>
<td>EIV</td>
<td>Education: Industrial/Vocational</td>
</tr>
<tr>
<td>ELD</td>
<td>Education: Specific Learning Disabilities</td>
</tr>
<tr>
<td>ELR</td>
<td>Prefix Discontinued. All Courses Reassigned</td>
</tr>
<tr>
<td>EMA</td>
<td>Materials Engineering</td>
</tr>
<tr>
<td>EMC</td>
<td>Engineering: Mechanical &amp; Chemical</td>
</tr>
<tr>
<td>EME</td>
<td>Education: Technology and Media</td>
</tr>
<tr>
<td>EML</td>
<td>Engineering: Mechanical</td>
</tr>
<tr>
<td>EMR</td>
<td>Education: Mental Retardation</td>
</tr>
<tr>
<td>EMS</td>
<td>Emergency Medical Services</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 For Non-Native Speakers</td>
</tr>
<tr>
<td>EPT</td>
<td>Engineering: Power</td>
</tr>
<tr>
<td>ERO</td>
<td>Education: Vocational/Technical</td>
</tr>
<tr>
<td>ERS</td>
<td>Educational Psychology</td>
</tr>
<tr>
<td>EST</td>
<td>Electronic Specialty Technology</td>
</tr>
<tr>
<td>ETC</td>
<td>Engineering: Technology: Civil</td>
</tr>
<tr>
<td>ETD</td>
<td>Engineering Technology: Drafting</td>
</tr>
<tr>
<td>ETE</td>
<td>Education: Technology Education</td>
</tr>
<tr>
<td>ETG</td>
<td>Engineering Technology: General</td>
</tr>
<tr>
<td>ETI</td>
<td>Engineering Technology: Industrial</td>
</tr>
<tr>
<td>ETM</td>
<td>Engineering Technology: Mechanical</td>
</tr>
<tr>
<td>ETP</td>
<td>Engineering Technology: Power</td>
</tr>
<tr>
<td>ETS</td>
<td>Engineering Technology: Specialty</td>
</tr>
<tr>
<td>EUH</td>
<td>European History</td>
</tr>
<tr>
<td>EUS</td>
<td>European Studies</td>
</tr>
<tr>
<td>EVI</td>
<td>Education: Visually Impaired-Blind</td>
</tr>
<tr>
<td>EVR</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>EVS</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>EVT</td>
<td>Education: Vocational/Technical</td>
</tr>
<tr>
<td>EXP</td>
<td>Experimental Psychology</td>
</tr>
<tr>
<td>FAD</td>
<td>Home Economics: Family Development</td>
</tr>
<tr>
<td>FAM</td>
<td>Fashion Modeling</td>
</tr>
<tr>
<td>FAS</td>
<td>Fishery &amp; Aquacultural Science</td>
</tr>
<tr>
<td>FER</td>
<td>Forestry &amp; Natural Resources</td>
</tr>
<tr>
<td>FFP</td>
<td>Fire Fighting &amp; Protection</td>
</tr>
<tr>
<td>FIL</td>
<td>Film</td>
</tr>
<tr>
<td>FIN</td>
<td>Finance</td>
</tr>
<tr>
<td>FLE</td>
<td>Foreign Language Education</td>
</tr>
<tr>
<td>FINR</td>
<td>Forestry &amp; Natural Resources</td>
</tr>
<tr>
<td>FOL</td>
<td>Foreign Languages</td>
</tr>
<tr>
<td>FOR</td>
<td>Forestry</td>
</tr>
<tr>
<td>FOS</td>
<td>Food Science</td>
</tr>
</tbody>
</table>
### Courses Numbered 0-999

Depending upon previous background and test scores earned, individual students may be required to complete more than the minimum number of credits required for graduation in their respective programs. Courses numbered less than 1000 (Statewide Common Course Numbers) are sub-collegiate level and may not be counted in meeting degree credit hour requirements for graduation.

### Special Courses

In addition to the regular courses listed in this catalog, special courses may be available. Students should consult their academic advisor for details.

| Special Course | Undergraduate | Graduate
|----------------|---------------|----------|
| Directed Independent Studies | 1906, 2905, 3905, 4906 | 5907
| Directed Independent Research | 4912 | 5917
| Special Undergraduate Research | IDS 3913, 4914 | 5927
| Special Topics/Seminars | 1931, 2930, 3930, 4932, | 5937
| *Internship, Practicum, Clinical Practicum | 3940, 4941 | 5945
| Cooperative Education | 1949, 2949, 3949, 4949 | 5949
| Honors Undergraduate Thesis | 3970H, 4970H | 5970
| Honors Directed Reading | 4904H | 5907
| Study Abroad | 4905 | 5957

*These courses may be assigned variable credit. Some may be repeated upon approval.

1The Special Graduate Courses are primarily for graduate students, but may be taken by advanced seniors with the consent of their deans.

2Enrollment is limited to those students who are fully admitted to the Graduate Program.

3Enrollment is limited to those students who are admitted into the Co-op program.

### Dual Usage of Credit Hours

With the exception of 3 + 2 programs, courses used to meet the requirements of an undergraduate degree cannot typically also be used to meet the requirements of a graduate program. Students should contact their advisor or college for specific program requirements or additional information.

### UCF Course Description Legend

**PR:** (Prerequisite) A course in which credit must be earned prior to enrollment in the listed course.

**CR:** (Corequisite) A course that must be taken concurrently with, or prior to, the listed course.

**CI:** (Consent of the Instructor)

### Hours Code

Each course listed is followed by a code that shows hours of credit and contact hours.

Example: **ART 2500C CAH-SVAD 3(2,4)**

ART 2500C is offered by the College of Arts and Humanities (CAH), in the School of Visual Arts & Design (SVAD), carries 3 hours of credit but requires 6 contact hours which consist of 2 hours in class and 4 hours laboratory or field work.

### College/School/Department Indicator

Following the course number for each course listed is an indicator denoting the college, school, and department responsible for the course. The college designators are BA = Business Administration, BHC = Burnett Honors College, CAH = Arts & Humanities, COM = Medicine, CON = Nursing, COS = Sciences, ECS = Engineering and Computer Science, ED = Education, HPA = Health and Public Affairs, OPT = Optics, RCHM = Rosen College of Hospitality Management, and UGST = Undergraduate Studies/Interdisciplinary Studies. Department indicators are listed below (by college):

<table>
<thead>
<tr>
<th>College/School/Department</th>
<th>Department</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA</td>
<td>Accounting</td>
<td>ACCT</td>
</tr>
<tr>
<td>BA</td>
<td>Business</td>
<td>BA</td>
</tr>
<tr>
<td>BA</td>
<td>Economics</td>
<td>ECON</td>
</tr>
<tr>
<td>BA</td>
<td>Finance</td>
<td>FIN</td>
</tr>
<tr>
<td>BA</td>
<td>Management</td>
<td>MAN</td>
</tr>
<tr>
<td>BA</td>
<td>Marketing</td>
<td>MAR</td>
</tr>
<tr>
<td>BHC</td>
<td>Honors</td>
<td>HON</td>
</tr>
<tr>
<td>CAH</td>
<td>Africana Studies</td>
<td>AS</td>
</tr>
<tr>
<td>CAH</td>
<td>Arts &amp; Humanities</td>
<td>CAH</td>
</tr>
<tr>
<td>CAH</td>
<td>English</td>
<td>ENG</td>
</tr>
<tr>
<td>CAH</td>
<td>Fia Interactive Entertainment Academy</td>
<td>FIAE</td>
</tr>
<tr>
<td>CAH</td>
<td>History</td>
<td>HIST</td>
</tr>
<tr>
<td>CAH</td>
<td>Judaic Studies</td>
<td>JUD</td>
</tr>
<tr>
<td>CAH</td>
<td>Latin American Studies</td>
<td>LAS</td>
</tr>
<tr>
<td>CAH</td>
<td>Modern Languages</td>
<td>LANG</td>
</tr>
<tr>
<td>CAH</td>
<td>Music</td>
<td>MUSIC</td>
</tr>
<tr>
<td>CAH</td>
<td>Philosophy</td>
<td>PHI</td>
</tr>
<tr>
<td>CAH</td>
<td>School of Visual Arts &amp; Design</td>
<td>SVAD</td>
</tr>
<tr>
<td>CAH</td>
<td>Theatre</td>
<td>THEA</td>
</tr>
<tr>
<td>CAH</td>
<td>Women’s Studies</td>
<td>WOM</td>
</tr>
<tr>
<td>CAH</td>
<td>Writing &amp; Rhetoric</td>
<td>WRITE</td>
</tr>
<tr>
<td>COM</td>
<td>Medicine</td>
<td>MED</td>
</tr>
<tr>
<td>COM</td>
<td>Burnett School of Biomedical Sciences</td>
<td>BBBS</td>
</tr>
<tr>
<td>CON</td>
<td>Nursing</td>
<td>NURS</td>
</tr>
<tr>
<td>COS</td>
<td>Anthropology</td>
<td>ANTHRO</td>
</tr>
<tr>
<td>COS</td>
<td>Biology</td>
<td>BIOL</td>
</tr>
<tr>
<td>COS</td>
<td>Chemistry</td>
<td>CHEM</td>
</tr>
<tr>
<td>COS</td>
<td>Communication</td>
<td>COMM</td>
</tr>
<tr>
<td>COS</td>
<td>Mathematics</td>
<td>MATH</td>
</tr>
<tr>
<td>COS</td>
<td>Physics</td>
<td>PHYS</td>
</tr>
<tr>
<td>COS</td>
<td>Political Science</td>
<td>POLS</td>
</tr>
<tr>
<td>COS</td>
<td>Psychology</td>
<td>PSYCH</td>
</tr>
<tr>
<td>COS</td>
<td>Sciences</td>
<td>COS</td>
</tr>
<tr>
<td>COS</td>
<td>Sociology</td>
<td>SOC</td>
</tr>
<tr>
<td>COS</td>
<td>Statistics</td>
<td>STAT</td>
</tr>
<tr>
<td>ECS</td>
<td>Air Force ROTC-Aerospace</td>
<td>AROTC</td>
</tr>
<tr>
<td>ECS</td>
<td>Civil, Env &amp; Const Eng</td>
<td>CECE</td>
</tr>
<tr>
<td>ECS</td>
<td>Computer Science</td>
<td>CS</td>
</tr>
<tr>
<td>ECS</td>
<td>Electrical &amp; Computer Engineering</td>
<td>ECE</td>
</tr>
<tr>
<td>ECS</td>
<td>Engineering</td>
<td>ECS</td>
</tr>
<tr>
<td>ECS</td>
<td>Industrial Eng &amp; Management Systems</td>
<td>EMS</td>
</tr>
<tr>
<td>ECS</td>
<td>Materials Sci &amp; Engineering</td>
<td>MSE</td>
</tr>
<tr>
<td>ECS</td>
<td>Mechanical &amp; Aerospace Engineering</td>
<td>MECHAERO</td>
</tr>
<tr>
<td>ECS</td>
<td>Military Science-Army ROTC</td>
<td>AROTC</td>
</tr>
<tr>
<td>ED</td>
<td>Child, Family &amp; Comm Sciences</td>
<td>CFCS</td>
</tr>
<tr>
<td>ED</td>
<td>Education</td>
<td>ED</td>
</tr>
<tr>
<td>ED</td>
<td>Educational &amp; Human Sciences</td>
<td>E&amp;HS</td>
</tr>
<tr>
<td>ED</td>
<td>Teaching, Learning &amp; Leadership</td>
<td>TL&amp;L</td>
</tr>
<tr>
<td>HPA</td>
<td>Communication Sciences &amp; Disorders</td>
<td>COM SC&amp;DIS</td>
</tr>
<tr>
<td>HPA</td>
<td>Criminal Justice</td>
<td>CJ</td>
</tr>
<tr>
<td>HPA</td>
<td>Health &amp; Public Affairs</td>
<td>HPA</td>
</tr>
<tr>
<td>HPA</td>
<td>Health Management &amp; Informatics</td>
<td>HMI</td>
</tr>
<tr>
<td>HPA</td>
<td>Health Professions</td>
<td>HP</td>
</tr>
<tr>
<td>HPA</td>
<td>Legal Studies</td>
<td>LS</td>
</tr>
<tr>
<td>HPA</td>
<td>Public Administration</td>
<td>PUB</td>
</tr>
<tr>
<td>HPA</td>
<td>Public Affairs</td>
<td>PUB AFF</td>
</tr>
<tr>
<td>HPA</td>
<td>Social Work</td>
<td>SOWK</td>
</tr>
<tr>
<td>OPT</td>
<td>Optics</td>
<td>OPT</td>
</tr>
<tr>
<td>RCHM</td>
<td>Foodservice &amp; Lodging Mgmt</td>
<td>FOOD&amp;LODG</td>
</tr>
<tr>
<td>RCHM</td>
<td>Hospitality Management</td>
<td>RCHM</td>
</tr>
<tr>
<td>RCHM</td>
<td>Hospitality Services</td>
<td>RHP SERV</td>
</tr>
<tr>
<td>RCHM</td>
<td>Tourism, Events &amp; Attractions</td>
<td>TEA</td>
</tr>
<tr>
<td>UGST</td>
<td>Undergrad/Interdisc Studies</td>
<td>INTERDISC</td>
</tr>
</tbody>
</table>
Finding a Course in this List: The UCF courses in this section are listed alphabetically by prefix. Consult the “Common Course Numbering System” section of the Undergraduate Catalog for additional information.

Availability of Courses: The University does not offer all of the courses listed in this Undergraduate Catalog each academic year, academic semester, or term. Consult the online Class Schedule at https://my.ucf.edu for those courses offered each semester/term. At the end of each course description is information on the planned scheduling of the course, (Fall, Spring or Occasional-department scheduled, Odd-Even based on year of term), and any applicable Material and Supply (M&S) Fee.

ACG 2021 BA-ACCT 3(3,0)
Principles of Financial Accounting: PR: Sophomore standing and MAC 1105C with a C (2.0) or better. Nature of accounting, financial statements, the accounting cycle, assets, current liabilities, long-term debt, and owner’s equity, accounting for proprietorships and corporations. Fall, Spring.

ACG 2021H BA-ACCT 3(3,0)
Honors Principles of Financial Accounting: PR: MAC 1105C with a “C” (2.0) or better, and consent of Honors. Same as ACG 2021 with honors level content. Occasional.

ACG 2071 BA-ACCT 3(3,0)
Principles of Managerial Accounting: PR: ACG 2021 and MAC 1105C, each with a “C” (2.0) or better. The purpose of this class is to thoroughly familiarize the student with the various uses of accounting information for planning and control. Fall, Spring.

ACG 3082 BA-ACCT 3(3,0)
Accounting For Non-Business Majors: PR: Junior Standing. Accounting and reporting from an investment and managerial decision making perspective. Occasional.

ACG 3131 BA-ACCT 3(3,0)
Intermediate Financial Accounting I: PR: Junior standing, Accounting major or minor, and ACG 2021 and ACG 2071 with a grade of “C” (2.0) or better. Technical knowledge about accounting measurement and disclosure, as well as how financial statements are analyzed and interpreted by external users. Fall, Spring.

ACG 3141 BA-ACCT 3(3,0)
Intermediate Financial Accounting II: PR: Accounting major or minor, ACG 3131 with a grade of “C” (2.0) or better. Accounting theory and practice related to preparation, and interpretation of external financial statements. Fall, Spring.

ACG 3361 BA-ACCT 3(3,0)
Cost Accounting I: PR: Junior standing, Accounting major or minor, and MAC 1105C, ECO 2013, ECO 2023, ACG 2071 with a grade of “C” (2.0) or better. Theory and practice of using accounting information for managerial planning, and control as well as in costing, and pricing decisions. Fall, Spring.

ACG 3501 BA-ACCT 3(3,0)
Financial Accounting for Governmental and Nonprofit Organizations: PR: Accounting major or minor, and a grade of “C” (2.0) or better in ACG 3131. Application of financial accounting for governmental and nonprofit organizations. Fall, Spring.

ACG 4252 BA-ACCT 3(3,0)
International Financial and Managerial Accounting: PR: Accounting major or minor, ACG 2021, ACG 2071, each with a “C” (2.0) or better. An examination of environmental factors affecting international accounting standards and multinational/corporate operations. Not open to accounting majors. Occasional.

ACG 4284 BA-ACCT 3(3,0)
Financial Reporting for Consolidated Entities: PR: ACG 3141 with a “C” (2.0) or better. Financial reporting practices and issues related to consolidated entities including translation of foreign financial statements. Occasional.

ACG 4401C BA-ACCT 3(3,1)
Accounting Information Systems: PR: Accounting major or minor, ACG 3311 and CJS 2100C, each with a grade of “C” (2.0) or better. Manual and computer-based accounting information systems. Fall, Spring.
ANG 5100 COS-ANTHRO 3(3,0) 
Archeological Sciences: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Field and laboratory methods routinely used in archaeology and forensic archeology, including instrumentation. Occasional.

ANG 5166 COS-ANTHRO 3(3,0) 
Problems in Maya Studies: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. In-depth study of current methodological, theoretical, and/or topical problems in Maya Studies. Used in anthropology. Occasional.

ANG 5167 COS-ANTHRO 3(3,0) 
Maya Hieroglyphs: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. The study of Maya writing, the translation of Maya hieroglyphs, and the significance of translations to reconstructions of ancient Maya culture. Occasional.

ANG 5191 COS-ANTHRO 3(3,0) 
Mortuary Archaeology: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Funerary customs and human remains; basic data collection, skeletal analyses, and comparative study of mortuary ritual-ancient and modern. Occasional.

ANG 5228 COS-ANTHRO 3(3,0) 
Maya Iconography: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Study and interpretation of ancient Maya iconography as reflected in art, artifacts, and constructed features. Even/Spring.

ANG 5272 COS-ANTHRO 3(3,0) 
Culture, Power and Development: PR: Admission to Anthropology MA, program, Maya Studies graduate certificate, or C.I. Ongoing and contemporary ramifications of underdevelopment, and disempowerment in the world system from an anthropological perspective. Occasional.

ANG 5301 COS-ANTHRO 3(3,0) 
Anthropology of Tourism: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Anthropology of tourism in U.S. and world regions, including impacts on local peoples, cultures, and environments. Occasional.

ANG 5486 COS-ANTHRO 3(3,0) 
Quantitative Research in Anthropology: PR: Admission to the MA in Anthropology program, Maya Studies graduate certificate, or C.I. Quantitative approaches to problems in anthropology, including multivariate systems, assessments of reliability, and approaches for small samples. Even Fall.

ANG 5531 COS-ANTHRO 3(3,0) 
Nutritional Anthropology: PR: One course in Social Sciences (min 2000-level) and one course in Biological Sciences (min 2000-level) or Consent of Instructor. Graduate status or senior standing or C.I. The biological, social, cultural, psychological, and environmental influences of food consumption and physiological status. Perspectives are cross-cultural, evolutionary, ecological. Occasional.

ANG 5620 COS-ANTHRO 3(3,0) 
Language and Culture: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Language as an integral part of human culture and behavior, focusing on cross cultural issues that affect cultural competency. Occasional.

ANG 5738 COS-ANTHRO 3(3,0) 
Advanced Medical Anthropology: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Advanced topics in ethnography of medical traditions and anthropological approaches to the study of health and disease. Occasional.

ANG 5742 COS-ANTHRO 3(3,0) 
Problems in Forensic Anthropology: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Current issues and topics in forensic anthropology. Even Spring.

ANG 5822 COS-ANTHRO 3(3,0) 
Maya Field Research: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Practical application of method and theory during primary infeld research in the Maya area. Spring.

ANT 2000 COS-ANTHRO 3(3,0) 
General Anthropology: An introductory survey of the four major subfields of anthropology: Social Anthropology, Physical Anthropology, Linguistics, and Archaeology. Fall, Spring.

ANT 2000H COS-ANTHRO 3(3,0) 

ANT 2140 COS-ANTHRO 3(3,0) 
Archaeology and the Rise of Human Culture: The evolution of human society from foraging and hunting groups to the earliest cities and states. Fall, Spring.

ANT 2410 COS-ANTHRO 3(3,0) 
Cultural Anthropology: An introduction to human diversity as exemplified among various cultures and ethnic groups. Fall, Spring.

ANT 2511 COS-ANTHRO 3(3,0) 
The Human Species: Human biological variation in an evolutionary perspective. Fall, Spring.

ANT 2511H COS-ANTHRO 3(3,0) 
Honors The Human Species: PR: Permission of Honors. Human biological variation in an evolutionary perspective. Fall.

ANT 2511L COS-ANTHRO 3(1,0) 
Physical Anthropology Lab: PR: or C.R. AN 2511 or C.I. General overview of physical anthropology laboratory methods. Fall, Spring.

ANT 3026 COS-ANTHRO 3(3,0) 
Mummies, Zombies, and Vampires: Anthropology of the Undead: PR: Sophomore standing Anthropological exploration into the phenomenon of the undead (namely, zombies, vampires and mummies) and our fascination with this subject. Occasional.

ANT 3106 COS-ANTHRO 3(3,0) 
Archaeology and Popular Culture: PR: Sophomore standing How the ancient past and archaeology appear in popular culture and are manipulated and used by modern societies. Occasional.

ANT 3115 COS-ANTHRO 3(3,0) 
Archaeological Method and Theory: PR: or CR: AN 2140 or C.I. A survey of archaeological field and laboratory techniques, including the interpretation of written archaeological reports. Fall.

ANT 3142 COS-ANTHRO 3(3,0) 
Old World Prehistory: PR: Sophomore Standing. A comparative study of social evolution in Africa, Europe, and Asia from the earliest humans to the beginnings of recorded history. Fall.

ANT 3145 COS-ANTHRO 3(3,0) 
Archaeology of Complex Societies: PR: AN 2140 or C.I. Theoretical perspectives on ancient hierarchies of power. Fall, Spring.

ANT 3148 COS-ANTHRO 3(3,0) 
Life and Death in Ancient Egypt: PR: Sophomore standing Use of archaeology and physical anthropology to examine the lives and death of both common citizens and royalty in Ancient Egypt (3000 BCE–AD 330). Spring.

ANT 3152 COS-ANTHRO 3(3,0) 
Indians of the Southwest: PR: AN 2000 or AN 2140, or C.I. Native American culture types of the southwest: Navajo, Pueblo (Zuni, Hopi, Tewa), Apache (Upan, Mescalero), and Desert Tradition (Pima, Papago, Havasupai). Occasional.

ANT 3158 COS-ANTHRO 3(3,0) 
Florida Archaeology: PR: Sophomore standing Florida prehistory from Paleo-Indian to European contact including archaeological periods, cultural areas, sites, and artifacts. Spring.

ANT 3160 COS-ANTHRO 3(3,0) 
Americas Before Columbus: PR: Sophomore standing Archaeological developments of North, Central, and South America from the hemisphere’s initial peopling through the advent of European cultures. Occasional.

ANT 3161 COS-ANTHRO 3(3,0) 
Archaeology of Mexico: PR: AN 2000, or C.I. Achievements of civilizations in Mexico (Olmec, Zapotec, Aztec) as well as lesser known archaeological cultures. Occasional.

ANT 3163 COS-ANTHRO 3(3,0) 
Mesoamerican Archaeology: PR: Sophomore standing. An introduction to the prehistory of Mexico. Guatemala and upper Central America from earliest times through the Spanish conquest. Fall.

ANT 3164 COS-ANTHRO 3(3,0) 
Ancient Incas: PR: Sophomore standing, or C.I. The ancient Inca civilization, including examination of pre-Inca cultures and modern Andeans. Uses archaeological, historical, and contemporary anthropological sources. Spring.

ANT 3165 COS-ANTHRO 3(3,0) 
Archaeology of South America: PR: AN 2140, or C.I. Civilizations of South America from the last ten thousand years, focusing primarily on civilizations of the Andes and other areas. Occasional.

ANT 3168 COS-ANTHRO 3(3,0) 
Maya Archaeology: PR: Sophomore standing. An examination of the Prehistoric Maya culture focusing on both the archaeology and current issues in the field. Occasional.

ANT 3173 COS-ANTHRO 3(3,0) 
Archaeology of Sex: PR: Sophomore standing. Cross-cultural concepts of sex, sexuality, and sexual intercourse throughout human history from an archaeological perspective. Spring.

ANT 3177 COS-ANTHRO 3(3,0) 

ANT 3212 COS-ANTHRO 3(3,0) 

ANT 3241 COS-ANTHRO 3(3,0) 
Magic, Ritual, and Belief: PR: Sophomore standing. Patterns in religious behavior in various societies, with primary emphasis on myth, rite, taboo, and festival social phenomena. Fall, Spring.

ANT 3245 COS-ANTHRO 3(3,0) 
Native American Religions: PR: Sophomore standing. The religious beliefs of native New World peoples. Fall, Spring.

ANT 3262 COS-ANTHRO 3(3,0) 

ANT 3273 COS-ANTHRO 3(3,0) 
Law and Culture: PR: or CR: AN 2000 or C.I. An introduction to law as an organizing force in society, including a study of primitive forms of law and social control. Occasional.

ANT 3302 COS-ANTHRO 3(3,0) 
Sex, Gender and Culture: PR: Sophomore standing. The traditional and changing roles of women and men viewed in a cross-cultural perspective. Fall, Spring.

ANT 3311 COS-ANTHRO 3(3,0) 

ANT 3312 COS-ANTHRO 3(3,0) 


ANT 3330 COS-ANTHRO 3(3,0) Cultural Ecology of Amazonia: PR: Any 2000 level social science course or C.I. The cultural ecology and adaptive strategies of native Amazonians, including effects of modernization on resource use and cultural survival. Occasional.

ANT 3362 COS-ANTHRO 3(3,0) Peoples of Southeast Asia: PR: Sophomore standing A survey of the peoples of Vietnam, Cambodia, Laos and Thailand from the anthropological perspective. Occasional.

ANT 3393 COS-ANTHRO 3(3,0) American Indian Literature and Culture in Florida: PR: ENC 1102. Literature about the Apalachee, Timucua, Calusa tribes in Florida, examining various issues through oral tales and legends, treated, archival sources. Occasional.


ANT 3541 COS-ANTHRO 3(3,0) Biocultural Anthropology: PR: Sophomore standing An introduction to the study of human behavior in terms of mutual interaction between human biology and cultural environments. Fall.

ANT 3550C COS-ANTHRO 3(2,1) Primatology: PR: One of the following: ANT 2511, BSC 2010C, or C.I. Study of species from the Order Primates, including their morphology, ecology, behavior, and geographic distribution. Occasional.

ANT 3610 COS-ANTHRO 3(3,0) Language and Culture: PR: Sophomore standing. The study of language in a non-Western setting; language and behavior; language and perception. Fall, Spring.

ANT 3701 COS-ANTHRO 3(3,0) Applied Anthropology: PR: ANT 2000 or ANT 2410 or C.I. Application of anthropological methods to current human problems such as the environment, migration, globalization and health. Even Fall.

ANT 3943 COS-ANTHRO 3(3,0) Caribbean Archaeology Practicum: PR: Previous fieldwork is preferred, and C.I. Field archaeology by participating in field schools at prehistoric Lucayan sites on Eleuthera and/or Inagua Islands. May be used in the degree program a maximum of 2 times. Occasional.

ANT 4013 COS-ANTHRO 3(3,0) Anthropological Perspectives on Fast Food: PR: ANT 2000 or ANT 2410 or C.I. Anthropological research on corporate fast food in diverse cultural settings. Occasional.

ANT 4027 COS-ANTHRO 3(3,0) Mummies, Life After Death: PR: Either ANT 2000, ANT 2511, or C.I. Cultural practices and beliefs surrounding death; the concerns cultures and humans have had throughout the ages about the body’s decay after life; and the attempts to prevent decay and preserve bodies in a state as near to life as possible. Occasional.

ANT 4034 COS-ANTHRO 3(3,0) History of Anthropological Thought: PR: ANT 2410 or C.I. The exploration of the intellectual foundations of modern anthropology. Fall, Spring.

ANT 4153 COS-ANTHRO 3(3,0) North American Archaeology: PR: Sophomore standing. The cultural development of Native North Americans from prehistoric times to the period of the first European contact. Spring.

ANT 4180C COS-ANTHRO 3(1,4) Seminar in Laboratory Analysis: PR: or CR: ANT 2000 or ANT 2410 or C.I. The processing of archaeological finds from excavation through publication. May be repeated for credit. Spring.

ANT 4183 COS-ANTHRO 3(3,0) Archaeological Sciences: PR: One of the following: ANT 2511, ANT 2410, CHS 3501, any 4000 level Criminal Justice course, or C.I. Methods and instrumentation routinely used in archaeology and forensic archaeology. Spring.

ANT 4184 COS-ANTHRO 3(3,0) Mortuary Archaeology: PR: ANT 2000, or ANT 2410, or ANT 2511 or C.I. Archaeological interpretations of death; basic data collection, skeletal analysis, and comparative study of mortuary ritual - both ancient and modern. Odd Spring.


ANT 4303 COS-ANTHRO 3(3,0) Anthropology of Tourism: PR: ANT 2000, or SYG 2000, or PSY 2012 or C.I. Social theory of tourism; anthropology of tourism in U.S. and world regions, including impacts on local peoples, cultures, and environments. Odd Fall.

ANT 4332 COS-ANTHRO 3(3,0) People and Cultures of Latin America: PR: One of the following: ANT 2000, SYG 2000, PSY 2012, ANT 2410, or C.I. History and society of the peoples of Latin America, emphasizing patterns of subsistence and social organization. Odd Fall.


ANT 4352 COS-ANTHRO 3(3,0) African Societies and Cultures: PR: ANT 2000 or SYG 2000 or C.I. Anthropological survey of Africa examining the social, cultural, and economic diversity of the continent over time. Even Fall.

ANT 4408 COS-ANTHRO 3(3,0) Culture, Disease, and Healing: PR: One of the following: ANT 2000, ANT 2410, ANT 2511, C.I. The role of culture in shaping the experience and perceptions of health, sickness, and well-being in a variety of contexts. Spring.

ANT 4462 COS-ANTHRO 3(3,0) Medical Anthropology: PR: ANT 2000 or ANT 2511 or C.I. The field of medical anthropology. Topics will include theories, methods, and applications. Fall.

ANT 4467 COS-ANTHRO 3(3,0) Nutritional Anthropology: PR: One level course in social sciences and one 2000 level course in biological sciences or C.I. Psychological, biological, social, cultural, and environmental influences of food consumption and physiological status. Perspectives are cross-cultural, ecological and evolutionary. Occasional.

ANT 4480 COS-ANTHRO 3(3,0) Global Health in Anthropological Perspective: PR: C.I. The exploration of global health issues from an anthropological and cross-cultural perspective. Odd Fall.

ANT 4516 COS-ANTHRO 3(3,0) Human Biological Diversity: PR: ANT 2511 or BSC 2010C or C.I. Human biological variation and adaptation. Spring.

ANT 4521 COS-ANTHRO 3(3,0) Forensic Anthropology: PR: One of the following: ANT 2000, ANT 2511, any 4000 level Criminal Justice class, or C.I. The study of human skeletal remains in relation to a legal context. Fall.

ANT 4525C COS-ANTHRO 3(3,1) Human Osteology: PR: One of the following: ANT 4521, ZOO 3713C, ZOO 3733C, or C.I. The scientific study of the human skeleton and the methodology and techniques involved in the anthropological assessment of skeletal remains. Fall.


ANT 4586C COS-ANTHRO 3(2,1) Human Origins: PR: ANT 2511 or C.I. The fossil evidence for human evolution from Miocene hominoids through the australopithecines and the earliest members of the genus Homo. Fall, Spring.

ANT 4702 COS-ANTHRO 3(3,0) Culture, Power and Development: PR: ANT 2000, or SYG 2000, or PSY 2012 or C.I. Anthropological perspective on origins and contemporary ramifications of underdevelopment and disempowerment in the world system. Occasional.


ANT 4824 COS-ANTHRO 9(9,0) Advanced Archaeological Fieldwork: PR: 12 credit hours of anthropology only admitted after approval of instructor. Supervised archaeological fieldwork. Spring.

APK 3132 ED-EHHS 3(3,0) Triathlon Training and Performance: PR: PEM 2104 Personal Fitness or C.I. Triathlon concepts, training, and performance, leading to the development of optimal fitness and an improved healthy lifestyle. Occasional.


APK 4110C ED-EHHS 3(2,1) Exercise Physiology: PR: Admission to Sport and Exercise Science program or Fitness Training Minor, BSC 2010C or equivalent, ZOO 3733C, and minimum overall 2.5 GPA. Metabolic, neuromuscular, respiratory and cardiovascular physiological concepts and principles with practical application to sport and exercise science. Fall, Spring.

ARA 1120C CAH-LANG 4(4,1) Honors Elementary Arabic Language and Civilization I: PR: Permission of Honors. Introduction to Arabic language skills. Open only to students with no experience in the language. Honors level content. Occasional.

ARA 1120C CAH-LANG 4(4,1) Elementary Arabic Language and Civilization I: Introduces the student to Arabic language skills. Open only to students with no experience in the language. Fall.

ARA 1121C CAH-LANG 4(4,1) Elementary Arabic Language and Civilization II: PR: ARA 1120C or C.I. Continuation of ARA 1120C. Spring.


ARA 2200 CAH-LANG 3(3,1) Intermediate Arabic Language and Civilization I: PR: ARA 1121C or C.I. Development of language skills and cultural knowledge at the intermediate level. Occasional.
UCF Courses and Descriptions

ARA 2201 CAH-LANG 3(3,0) Intermediate Arabic II: PR: ARA 2200 or equivalent or C.I. Continuation of ARA 2200 with emphasis on Arabic cultures. Fall, Spring.

ARC 3181 CAH-SVAD 3(3,0) Advanced Topics in Digital Architecture: PR: Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I. Continued investigation of computer-aided design programs currently utilized by professional practices. Odd Fall.

ARC 3270 CAH-SVAD 3(3,0) Professional Practice in Architecture: PR: ARC 3320L or C.I. Professional practice in conjunction with supervised experiences at local, central Florida firms. Occasional.

ARC 3310C CAH-SVAD 3(1,3) Parametric Modeling and Digital Fabrication: PR: ARC 2180 (offered through Valencia College) or equivalent Computer-aided hardware and software utilized in the professional practice of architecture. Occasional.

ARC 3320L CAH-SVAD 6(0,9) Architectural Design 5: PR: Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I. Investigates architectural design and its relationship to regional contextual influences through a range of projects which vary in scale and complexity. Even Fall.

ARC 3321L CAH-SVAD 6(0,9) Architectural Design 6: PR: ARC 3320L. Architectural designs focus on architectural detail and articulation. Examines detailed systems of construction within the context of local, regional, and global urban context. Theory, methodology, and evolution of urban form in response to social, cultural, economic and technological forces. Odd Spring.

ARC 3463 CAH-SVAD 3(3,0) Materials and Methods of Construction 2: CR: ARC 4320L. Methods of assembling and selecting materials; detailed systems of construction will be investigated. Even Spring.

ARC 3503 CAH-SVAD 3(3,0) Architectural Structures: PR: Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I.: CR: ARC 3320L. Principles of structural behavior in withstanding gravity and lateral forces. Considers structural layout, load distribution, and preliminary design techniques; and examines contemporary structural systems through case studies. Even Fall.

ARC 3610 CAH-SVAD 3(3,0) Environmental Technology 1: CR: ARC 3321L. Principles and practices relating to the control of thermal, atmospheric environment and plumbing in buildings. Odd Spring.

ARC 3743 CAH-SVAD 3(3,0) Architectural History 3: CR: ARC 3320L. Social, political, material, technological, and cultural forces on design and construction from 1850, including architect's role in civil society and theoretical positions of architects and architectural schools. Even Fall.

ARC 4220 CAH-SVAD 3(3,0) Architectural Theory 2: CR: ARC 4322L. Investigates the theoretical, historical and ideological ideas in architecture that took place during the early decades of the twentieth century. Odd Fall.

ARC 4222L CAH-SVAD 3(3,0) Architectural Theory 7: PR: ARC 3321L. Control over architectural processes to solve design needs through appropriate program development and construction technology. Complete building as a final product, emphasizing on urban and suburban housing projects. Odd Fall.

ARC 4232L CAH-SVAD 6(0,9) Architectural Design 8: PR: ARC 4322L. Architecture designs focus on architectural detail and articulation. An investigation of landscape provides the context for this study. Even Spring.

ARC 4620 CAH-SVAD 3(3,0) Environmental Technology 2: CR: ARC 4322L. PR: ARC 3610 or C.I. Fundamentals of architectural lighting, acoustics, electrical power distribution and building communications. Odd Fall.

ARA 2000 ED-TL&L 3(3,0) Early Childhood Art and Creativity: An examination of developmental patterns in children's artistic behaviors and appropriate instructional strategies to be implemented. Occasional. M&S fee $5.00

ARA 3935 CAH-SVAD 12(0,12) Community Arts Internship: PR: C.I. An on-site in-depth experience for community arts majors with a concentration in administration, education, or therapeutic experience. Even Fall.

ARA 3944 CAH-SVAD 3(2,3) Community Arts Practicum: PR: C.I. A supervised experience for students to facilitate art programming in a variety of community settings. Occasional.

ARA 4250 ED-TL&L 3(3,0) Art for Exceptionalities: PR: Admission to the College of Education, Art Education Program or C.I. Theories, and methodologies for designing, implementing, and administering art programs for a variety of populations. Occasional.

ARA 4351 ED-TL&L 3(3,0) Teaching Art in the Secondary School: PR: EDG 4410 and EED 4467. Transition from university art studio practices to public teaching of art. Organizing, designing and analyzing art experiences, activities and classroom environments for the elementary school classroom. Even Fall. M&S fee $5.00

ARA 4352 ED-TL&L 3(2,1) Teaching Art in the Secondary School: PR: EDG 4467 and EED 4410. Transition from university art studio practices to High School Teaching of art. Organizing, designing and analyzing art experiences and activities appropriate for junior and high school children. Examination of teaching methodology relative to the high school and junior high school settings. Spring. M&S fee $5.00

ARA 4356 ED-TL&L 3(3,1) Teaching Art Appreciation & Criticism in the Classroom: PR: ARH 2050 and ARH 2051. An examination of art appreciation programs and concepts toward planning curriculum for the study of art history, popular art, art criticism, and aesthetics for specific educational settings. Fall. M&S fee $8.00

ARA 4453 ED-TL&L 3(3,0) Studio Experiences in Art Education: PR: Admission into the College of Education, Art Education Program required or C.I. Materials available for instruction in public schools will be explored in depth in relation to their appropriateness and productive qualities. May be used in the degree program a maximum of 3 times. Spring. M&S fee $5.00

ARA 5251 ED-TL&L 3(2,1) Arts for Exceptionalities: Concepts, principles, and methods of integrating art processes into the education of the physically, emotionally, and mentally handicapped. Occasional.

ARA 5255 ED-TL&L 3(2,1) Arts in Recreation: Art activities and experiences appropriate for use in playground, leisure services, occupational orientation and other recreational areas. Occasional.

ARA 5359 ED-TL&L 4(4,0) Teaching Art K-12: PR: Admission to MA in Art Education, graduate standing or C.I. Transition from university art practices to public school teaching of art. Organize, design, and analyze art learning for students K-12. Occasional. M&S fee $5.00

ARA 5454 ED-TL&L 3(3,0) Studio Experiences in Art Education: PR: Graduate admission or C.I. Materials available for instruction in public schools will be explored in depth in relation to their appropriateness and productive qualities. May be repeated for credit. Spring. M&S fee $5.00

ARA 5648 ED-TL&L 3(3,0) Contemporary Visual Arts Education: PR: Graduate standing or C.I. Continued study of current programs and innovations in public school Visual Arts Programs. Occasional.

ARH 2050 CAH-SVAD 3(3,0) History of Western Art I: Painting, sculpture and architecture from the Prehistoric Era through the Renaissance. Fall.

ARH 2050H CAH-SVAD 3(3,0) Honors History of Western Art I: PR: Permission of Honors. Painting, sculpture and architecture from the Prehistoric Era through the Renaissance, with honors content. Occasional.

ARH 2051 CAH-SVAD 3(3,0) History of Western Art II: Painting, sculpture and architecture from the Baroque through the 20th century. Spring.

ARH 2051H CAH-SVAD 3(3,0) Honors History of Western Art II: PR: Permission of Honors. Painting, sculpture and architecture from the Baroque through the 20th century, with honors-level content. Occasional.

ARH 2500 CAH-SVAD 3(3,0) History of Non-Western Art: Major visual arts in various non-Western cultures. Fall and Spring.

ARH 3471 CAH-SVAD 3(3,0) Art in the Last 25 Years: PR: ARH 2050 and ARH 2051 or C.I. A seminar for upper-level art students to examine current trends in the visual arts. Occasional.

ARH 3610 CAH-SVAD 3(3,0) American Art: PR: ARH 2050 and ARH 2051 or C.I. Surveys American Art to 1900. Leading artists are identified and representative examples of their work are discussed within the context of major themes, patterns, sources. Occasional.


ARH 3670 CAH-SVAD 3(3,0) 20th Century Latin American Art: PR: ARH 2050 and ARH 2051 or C.I. Art of the modern era (1820 to 1980) in the Caribbean and South America; issues and characteristics of art as they reflect the cultural evolution of Latin America. Occasional.

ARH 3673 CAH-SVAD 3(3,0) Modern Art of Mexico: PR: ARH 2050 or ARH 2051 or C.I. Modern art of Mexico from the Mexican Academy post-independence to the 1980’s. Occasional.

ARH 3674 CAH-SVAD 3(3,0) Latin American Popular Visual Culture: PR: ANT 3332 or C.I. Latin American popular culture beyond the fine art,” produced in Latin America, the United States, and the Caribbean. Odd Spring.

ARH 3683 CAH-SVAD 3(3,0) Southern Folk Arts: PR: Junior Standing or C.I. This course will explore contemporary issues related to folk art including definition, collecting, marketing, art criticism, tradition, innovation, and its relationship to the so-called fine arts and popular arts. Occasional.

ARH 3710 CAH-SVAD 3(3,0) History of Photography I: PR: Junior Standing or C.I. History of photography from its earliest invention to 1900. The content of this course is designed for art majors. Occasional.
ASH 4304 CAH-HIST 3(3,0) Women in China; PR: AMH 2010 and AMH 2020, or EUH 2001 and EUH 2002. Historical changes and continuities in experiences of Chinese women during the traditional period, the modern era and contemporary times. Occasional.

ASH 4324 CAH-HIST 3(3,0) History & Culture of South Asia; PR: WOH 2022 or C.I. History and culture of South Asia from prehistory to the British Raj. Occasional.

ASH 4383 CAH-HIST 3(3,0) Modern Imperialism & Decolonization in South Asia; PR: WOH 2022 or C.I. Socio-cultural, economic and political impact of imperialism and the subsequent decolonization in South Asia. Occasional.


ASH 4404 CAH-HIST 3(3,0) Modern China; PR: EUH 2000 and EUH 2001 or C.I. Political, social, economic, and cultural transformations undergone by China from about the 17th century to the present. Occasional.

ASH 4442 CAH-HIST 3(3,0) Modern Japan; PR: EUH 2000 and EUH 2001 or C.I. History of Japan from the end of the Tokugawa period to the present day. Occasional.

ASH 4550 CAH-HIST 3(3,0) History of Modern India; PR: WOH 2022 or C.I. History of India from decline of Mughals in late 18th century to present. Occasional.

ASH 5227 CAH-HIST 3(3,0) The Arab-Israeli Conflict; PR: Graduate status or senior standing or C.I. This course examines the history of the Arab-Israeli conflict, placing particular emphasis on its origins in 19th century imperialism and Zionism. Occasional.

ASH 5229 CAH-HIST 3(3,0) History of the Middle East; PR: Graduate standing or C.I. Selected topics in the history of the modern Middle East. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.

ASH 5408 CAH-HIST 3(3,0) Colloquium in Modern China; PR: Graduate status or senior standing or C.I. Course explores works of scholarship in modern China including the rise of Communism, Chinese women and Sino-American relations. Occasional.

ASH 5485 CAH-HIST 3(3,0) U.S. China Relations; PR: Graduate standing or C.I. An in-depth study of the significant relations between China and the United States since the 18th century. Even Fall.

ASH 5925 CAH-HIST 3(3,0) Colloquium in South Asian History; PR: Graduate standing or C.I. Addresses key themes in South Asian history through selected readings. May be used in the degree program a maximum of 3 times only when course content is different. Occasional.

ASL 2140 HPA-COM SC&DIS 4(4,0) Introduction to American Sign Language; Development of ASL vocabulary and grammar. Deaf culture, literature, research examined. Fall, Spring.

ASL 2150 HPA-COM SC&DIS 4(4,0) Intermediate American Sign Language; PR: ASL 2140. Expansion of ASL vocabulary with increased knowledge concerning Deaf culture. Fall, Spring.

ASL 2510 HPA-COM SC&DIS 3(3,0) Issues of Deafness; PR: C.I. The impact of deafness on individual, family and social problems in the deaf community and culture, including historical and changing attitudes toward persons and disabilities. Occasional.

ASL 3444 HPA-COM SC&DIS 3(3,0) Introduction to Signed English and Culture of the Deaf; Vocabulary, usage, and culture through intermediate level. Conceptual basis of ASL discussed. Occasional.


ASL 4201 HPA-COM SC&DIS 4(4,0) American Sign Language IV; PR: ASL 4161C or consent of instructor. Advanced study in complex grammar, facial expression, metaphorical and idiomatic vocabulary, emphasizing production of non-voiced, conversational, spontaneous signed sentences, ‘reading’ signed phrases and sentences. Occasional.

AST 2002 COS-PHYS 3(3,0) Astronomy; PR: High school algebra or MAC 1105C. Descriptive survey of solar system, galaxies and universes; physical properties of stars; R-R diagram, stellar evolution, black holes, neutron stars. Fall, Spring.

AST 2002H COS-PHYS 3(3,0) Honors Astronomy; PR: Permission of Honors. Descriptive survey of solar system, galaxies and universe; physical properties of stars, H-R diagram, stellar evolution, black holes, neutron stars. Honors level content. Occasional.


AST 2037 COS-PHYS 3(3,0) Life in the Universe; A thought provoking journey through solar system environments and extraterrestrial planets to establish the probability of life on other planets in our solar system and beyond. Occasional.

AST 3110 COS-PHYS 3(3,0) Solar System Astronomy; PR: AST 2002, PHY 2053C. Interdisciplinary approach to the dynamics of the Solar System through application of Physics, Astrophysics, Chemistry and Geology. Even Fall.

AST 3211 COS-PHYS 3(3,0) Stellar Astrophysics; PR: AST 2002, PHY 2053C. The physics and dynamics of stars, including star formation and stellar evolution. Occasional.

AST 3402 COS-PHYS 3(3,0) Galaxies and Cosmology; PR: AST 2002 and PHY 2046C. Study of the different types of galaxies, their evolution, their relationship to active galaxies and quasars, and the evolution of the universe. Odd Fall.


AST 4142 COS-PHYS 3(3,0) Asteroids, Comets, and Meteorites; PR: AST 2002, AST 3110, and AST 3211. Asteroids, comets, and meteorites and their role in the origin and evolution of our solar system. Occasional.

AST 4152 COS-PHYS 3(3,0) Planetary Geophysics; PR: AST 2002, PHY 2053C, and Senior standing, or C.I. Physics of planetary evolution, planetary interiors, and planetary surface processes. Even Fall.

AST 4700 COS-PHYS 3(3,0) Experimental Methods in Astronomy; PR: AST 2002, PHY 2046, and Senior standing, or C.I. Experimental design and experimental techniques in astronomy and astrophysics: spherical astronomy; physics of telescopes and of common astronomical detectors; astronomical quantification and interpretation of light. Even Spring.

AST 4762C COS-PHYS 3(3,1) Astronomical Data Analysis; PR: MAC 2313, MAC 2314, or C.I. Analyzing, writing, simple computer programs, and an upper level course in astronomy or planetary science, or C.I. Astronomical data formation and acquisition, detector physics, measurement extraction, error analysis, modeling, computer programming, statistics, interpretation, and written and oral presentation of results. Fall.

AST 5145 COS-PHYS 3(3,0) Advanced Asteroids, Comets, and Meteorites; PR: Graduate standing or C.I. An advanced study of the physics of asteroids, comets, and meteorites, and the orbits and dynamical characteristics of Asteroids, Comets and Meteorites, with emphasis on the origin of our solar system. Odd Spring.

AST 5154 COS-PHYS 3(3,0) Advanced Planetary Geophysics; PR: Admission to Physics MS or PhD or C.I. The physics of planetary interiors, planetary surfaces, and planetary surface processes. Even Fall.

AST 5165 COS-PHYS 3(3,0) Planetary Atmospheres; PR: PHY 3220 and PHY 3101, graduate status or senior standing, or C.I. This course will examine the chemical and physical processes that govern the behavior of the atmosphere of Earth and the other planets. Even Spring.

AST 5263 COS-PHYS 3(3,0) Advanced Observational Astronomy; PR: Graduate standing in the Physics department or C.I. Experimental design and experimental techniques in astrophysics: spherical astronomy; physics of telescopes and of common astronomical detectors; error analysis. Even Spring.

AST 5334 COS-PHYS 3(3,0) Extrasolar Planets and Brown Dwarfs; PR: advanced level in Physics, Chemistry, or Computer Science, or C.I. Substellar-mass objects, their formation, evolution, dynamics, detection, and environments. Odd Spring.

AST 5765C COS-PHYS 3(3,1) Advanced Astronomical Data Analysis; PR: MAC 2313, a 3000-level or higher course in astronomy or planetary science, ability to write simple computer programs, or C.I. Advanced astronomical data formation and acquisition, detector physics, measurement extraction, error analysis, modeling, computer programming, statistics, interpretation, and written and oral presentation of results. Fall.


ATR 3012C HPA-HP 1(1,2) Clinical Skills for Athletic Trainers I; PR: ZOO 3733C or ZOO 3736C, and Athletic Training majors only or C.I. Clinical skills including functional knowledge of lower extremity/trunk muscle, tendon, and ligament anatomy; advanced taping and bracing skills; and clinical assessment of general medical conditions. Fall. M&S fee $31.00

ATR 3013C HPA-HP 1(1,2) Clinical Skills for Athletic Training II; PR: ZOO 3733C or ZOO 3736C, and Athletic Training majors only or C.I. Clinical skills including functional knowledge of lower extremity/trunk muscle, tendon, and ligament anatomy; advanced taping and bracing skills; and pharmacological interventions. Spring. M&S fee $31.00

ATR 3102 HPA-HP 3(3,0) Principles of Athletic Training; PR: ZOO 3733C or ZOO 3736C, and Athletic Training majors only or C.I. Athletic training principles including injury recognition, emergency care, bloodborne pathogens, rehabilitation and prevention. Occasional.

ATR 3203C HPA-HP 3(3,1) Upper Extremity Function and Measurement; PR: ZOO 3733C or ZOO 3736C. Upper extremity anatomy, manual muscle testing and goniometry. Spring.

ATR 3204C HPA-HP 3(3,1) Lower Extremity Function and Measurement; PR: ZOO 3733C or ZOO 3736C. Lower extremity functional anatomy, manual muscle testing and goniometry. Fall.
ATR 3212C  HPA-HP  3(2,2)  Recognition and Evaluation of Athletic Injuries I: PR: ATR 3102. Recognition and evaluation skills covering injury assessment of the lower extremity and spine and provide immediate management. Fall.

ATR 3312C  HPA-HP  3(2,1)  Injury, Management, and Rehabilitation: PR: ZOC 3130C or ZOC 3730C, CONPA Students only or C.I. Recognition and management of common injuries found in active populations. Therapeutic modalities and therapeutic exercise are integrated through the course. Fall.

ATR 3812L  HPA-HP  4(0,16)  Practicum in Athletic Training I: PR: ATR 3102. Clinical introduction to an athletic training site under direct supervision of a certified athletic trainer. Fall, Spring.

ATR 3822L  HPA-HP  4(0,16)  Practicum in Athletic Training II: PR: ATR 3812L. Continuation of clinical practice under direct supervision of certified athletic trainer. Fall, Spring.

ATR 4014C  HPA-HP  3(2,2)  Principles of Athletic Training Lab: CR: ATR 3812L. Administration of athletic training skills including emergency care, taping and wrapping, goniometry and manual muscle testing. Occasional. M&S fee $34.00


ATR 4112L  HPA-HP  1(0,1)  Acute Care in Athletic Training: CR: ATR 4842L. This course will review and update student knowledge of and competency with acute care procedures and emergency planning in athletic settings. Spring.

ATR 4132  ED-EAHS  3(3,0)  Human Injuries: Mechanisms & Prevention: PR: Admission to Sport and Exercise Science program or Coaching Minor, ZOC 3730C or equivalent and minimum overall 2.5 GPA. Study of human movement and analysis of techniques for the prevention and treatment of human injuries associated with sport and fitness. Fall, Spring.

ATR 4213C  HPA-HP  3(2,2)  Recognition and Evaluation of Athletic Injuries II: PR: ATR 4112L. Recognition and application of injury assessment of the upper extremity, head and neck, and general medical conditions and provide immediate management. Spring.

ATR 4302C  HPA-HP  4(2,4)  Therapeutic Modalities in Athletic Training: PR: ATR 3822L. Principles and techniques for applying therapeutic modalities. Occasional. M&S fee $5.00


ATR 4315C  HPA-HP  3(1,2)  Advanced Rehabilitation in Athletic Training: PR: ATR 3212L. Advanced knowledge, skills, and techniques that the certified athletic trainer must perform during rehabilitation of injuries. Fall. M&S fee $17.00

ATR 4512C  HPA-HP  3(3,0)  Organization and Administration of Athletic Training: PR: ATR 3822L. Administrative knowledge in the athletic training profession. Fall.

ATR 4832L  HPA-HP  4(0,16)  Practicum in Athletic Training III: PR: ATR 3822L. Advanced clinical internship with increased responsibilities under the supervision of a certified athletic trainer. Fall, Spring.

ATR 4842L  HPA-HP  4(0,16)  Practicum in Athletic Training IV: PR: PET 4672C. Advanced clinical internship with increased responsibilities under the supervision of a certified athletic trainer. Fall, Spring.

ATR 4933  HPA-HP  1(1,0)  Athletic Training Seminar: PR: ATR 4832L and Senior standing. Capstone course reviewing competencies, proficiencies, ethics and professional development for the entry-level athletic trainer. Spring.

ATR 5144  ED-EAHS  3(3,0)  Advanced Human Injuries: PR: ATR 2100C or C.I. The application of medical knowledge to sport with the emphasis on preventing the health of an athlete before, during and after performance. Occasional.

BCH 4053  COS-CHEM  3(3,0)  Biochemistry I: PR: CHM 2211. A consideration of proteins, carbohydrates, nucleic acids, enzymes and their effect on biochemical systems, and interrelationship of intermediary metabolism. Fall, Spring.


BCH 4054  COS-CHEM  3(3,0)  Biochemistry II: PR: BCH 4053. Continuation of BCH 4053. Spring.

BCH 4103L  COS-CHEM  2(0,6)  Biochemical Methods: PR: BCH 4053. A laboratory course stressing the application of the chemical arts to the separation, identification, and quantification of materials of biological significance. Spring. M&S fee $70.00

BME 3211  ECS-MECH/AERO  3(3,0)  Engineering Biomechanics: PR: EGN 3310 and (EGN 3321 or EML 3217) and EGM 3601 Knowledge of engineering approaches and tools that are used in the different aspects of biomechanics. Odd Fall.

BME 5140  ECS-MECH/AERO  3(3,0)  Materials Science of Instrumentation for Clinical Applications: PR: Genetic knowledge of standing in Engineering, Biomedical Science, Biotechnology, Chemistry or related disciplines or C.I. Study of engineering and materials concepts behind the clinical diagnostics currently used and under development, as well as technologies utilized in fabrication and characterization of these devices. Odd Fall.

BME 5572  ECS-ECE  3(3,0)  Biomedical Nanotechnology: PR: EEL 3123C or C.I. Human Physiology, Biological and Medical Professions. Nanoelectronics for fabrication of biocircuits for human biomedical applications, self-assembly, bioelectronics, moral and ethical issues. Spring.

BOT 3018C  COS-BIOL  3(1,2)  Introduction to Marine Biology: CR: A minimum grade of "C" (2.0) or better in both BSC 2010C and BSC 2110C, or C.I. Preference will be given to students whose program requires this course. Continuation of BSC 2010C. Organismal anatomy and physiology as it relates to biodiversity, ecology and evolution. Emphasis on problem solving, analysis, synthesis of information, and applying data effectively. Fall, Spring. M&S fee $2.00

BOT 3052  COS-BIOL  3(3,0)  Conservation Biology: PR: or CR: A minimum grade of "C" (2.0) in PCB 3044 or C.I. Science, history and principles of conservation biology. Occasional.

BSC 3105  COS-BIOL  3(3,0)  Biomedical Principles: A study of various biological factors which affect the health and survival of man in modern society. Designed for non-majors. Fall, Spring.

BSC 3144  COS-BIOL  4(3,1)  General Mycology: PR: BSC 2010C, MCB 3020C or BSC 2110C. This course is a survey of the Kingdom Fungi covering the major topics of fungal diversity, BSC structure, genetics, physiology, practical applications and pathogenicity. Occasional. M&S fee $42.00

BSC 4434C  COM-BBBS  4(3,1)  Introduction to Quantitative Biological Methods: PR: Consent of Honors, BSC 2010C, MCB 3020C, or BSC 2110C. A laboratory course which presents the concepts, modern techniques, and instrumentation used in quantitative biological and molecular biological experimentation. Honors level content. Fall.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Department</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 3403C</td>
<td>COM-BSBS</td>
<td>Quantitative Biological Methods</td>
<td>4(3,4)</td>
<td>PR: BSC 2010C, PCB 302C, CHM 2344. A laboratory counterpoint presents modern methods and instrumentation used in quantitative biological experimentation. Fall, Spring. M&amp;S fee $50.00.</td>
</tr>
<tr>
<td>BSC 3424</td>
<td>COM-BSBS</td>
<td>Nanobiotechnology</td>
<td>3(3,0)</td>
<td>PR: MCB 1310, and either CHM 1071H or CHM 1051H. Biological processes in nanoscale interactions with elements of physics &amp; engineering. Occasional.</td>
</tr>
<tr>
<td>BSC 3843L</td>
<td>COS-BIOL</td>
<td>Strategies for Biology Academic Mentoring</td>
<td>2(0,2)</td>
<td>PR: Junior or senior standing. Review research findings, theory, models and techniques of academic counseling and career advising. Graded SU. May be used in the degree program a maximum of 2 times. Occasional.</td>
</tr>
<tr>
<td>BSC 3949</td>
<td>COS-BIOL</td>
<td>Cooperative Education in Biology</td>
<td>0(0,8)</td>
<td>PR: Departmental permission required before registration. Cooperative education experience in biology. Graded SU. May be repeated. Occasional.</td>
</tr>
<tr>
<td>BSC 4312C</td>
<td>COS-BIOL</td>
<td>Advanced Marine Biology</td>
<td>4(3,3)</td>
<td>PR: BSC 3312 and a &quot;C&quot; (2.0) or better in PCB 3044. An advanced treatment of current marine biology, emphasizing biodiversity and marine conservation through research, service-learning and field experiences. Even Spring. M&amp;S fee $45.00.</td>
</tr>
<tr>
<td>BSC 4330</td>
<td>COS-BIOL</td>
<td>Invasion Biology</td>
<td>3(0,3)</td>
<td>PR: A &quot;C&quot; (2.0) or better in PCB 3044, or C.I. General principles of invasion ecology. The study of patterns of species into ecosystems as it provides insights into basic ecological and evolutionary questions. Even Spring.</td>
</tr>
<tr>
<td>BSC 4422L</td>
<td>COS-BIOL</td>
<td>Biology Laboratory Techniques</td>
<td>1-4(0,3-12)</td>
<td>PR: CHM 2210 and a &quot;C&quot; (2.0) or better in PCB 3044, or C.I. Individual and small group instruction in current laboratory techniques beyond the scope of typical biology laboratories. Graded SU. May be repeated for credit. Occasional.</td>
</tr>
<tr>
<td>BSC 4443</td>
<td>COM-BSBS</td>
<td>Biomedical Informatics: Sequence Analysis</td>
<td>3(3,0)</td>
<td>PR: PCB 3522 or PCB 3023 or C.I. Introduction of useful bioinformatics tools and resources on sequence analysis. Fall.</td>
</tr>
<tr>
<td>BSC 4449</td>
<td>COM-BSBS</td>
<td>Biomedical Informatics: Structure Analysis</td>
<td>3(3,0)</td>
<td>PR: PCB 3522 or PCB 3023 or C.I. Introduction of useful bioinformatics tools and resources on RNA and protein structure analysis. Spring.</td>
</tr>
<tr>
<td>BSC 4821</td>
<td>COS-BIOL</td>
<td>Biogeography</td>
<td>4(4,0)</td>
<td>PR: A &quot;C&quot; (2.0) or better in both PCB 3044 and PCB 4883, or C.I. Study of geographic variation in nature, ranging from past to present and genes to ecosystems. Occasional.</td>
</tr>
<tr>
<td>BSC 4861L</td>
<td>COS-BIOL</td>
<td>SL Sustainability: Socially &amp; Economically Viable Environmental Protection</td>
<td>3(0,3)</td>
<td>PR: A &quot;C&quot; (2.0) or better in BSC 2010C or C.I. A service-learning course utilizing an interdisciplinary approach to developing models and implementing programs designed to result in environmental sustainability. Occasional.</td>
</tr>
<tr>
<td>BSC 4937</td>
<td>COS-BIOL</td>
<td>Instructional Experiences in Undergraduate Biology</td>
<td>2(0,2)</td>
<td>PR: PCB 3363, Biology major with 80 semester hours and 3.0 gpa. Preparation of undergraduate students to more effectively learn biological concepts by facilitating learning in variety of university biology labs. Graded SU. May be repeated for credit. Fall, Spring.</td>
</tr>
<tr>
<td>BSC 5258L</td>
<td>COS-BIOL</td>
<td>Tropical Biology Research and Conservation</td>
<td>3(0,3)</td>
<td>PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Research and conservation in New World tropics, including a field trip to Belize. Tropical biodiversity, ecology, integrating conservation strategies in research and communication. Occasional.</td>
</tr>
<tr>
<td>BSC 5316</td>
<td>COS-BIOL</td>
<td>Marine Conservation Biology</td>
<td>3(0,0)</td>
<td>PR: BSC 4312C Marine biology, graduation major, or C.I. Examine human impacts in marine ecosystems and how humans can become better stewards of these habitats. Odd Spring.</td>
</tr>
<tr>
<td>BSC 5332</td>
<td>COS-BIOL</td>
<td>Invasion Biology</td>
<td>3(0,0)</td>
<td>PR: PCB 3044 or C.I. The three stages of biological invasion (introduction, establishment and spread) as well as impacts on native species and ecosystems. Even Spring.</td>
</tr>
<tr>
<td>BSC 5408L</td>
<td>COS-BIOL</td>
<td>Advanced Biology Laboratory Techniques</td>
<td>2(0,9)</td>
<td>PR: BS degree, C.I. This course will emphasize those biological techniques and resources necessary for students about to begin thesis research. Individual and small group instruction in current laboratory techniques, literature searches, and hands-on practice of techniques will be stressed. May not be repeated for credit. Occasional. M&amp;S fee $15.00.</td>
</tr>
<tr>
<td>BSC 5418</td>
<td>COM-BSBS</td>
<td>Tissue Engineering</td>
<td>3(0,0)</td>
<td>PR: Graduate standing. Introduction to Tissue Engineering with a special emphasis on the current status of the field, on novel methods and on cell biomaterial interactions. Occasional.</td>
</tr>
<tr>
<td>BSC 5436</td>
<td>COM-BSBS</td>
<td>Biogeographical Informatics: Phylogenetic Analysis</td>
<td>3(3,0)</td>
<td>PR: PCB 3522 or equivalent or C.I. Introduction of bioinformatics tools and resources on RNA and protein structure analysis. Fall.</td>
</tr>
<tr>
<td>BSC 5518</td>
<td>COS-BIOL</td>
<td>Phylogenetic Approaches in Biological Research</td>
<td>3(0,0)</td>
<td>PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Study of geographic variation in nature, ranging from past to present and from genes to ecosystems. Occasional. M&amp;S fee $15.00.</td>
</tr>
<tr>
<td>BTE 4410</td>
<td>ED-FCFS</td>
<td>Course Construction in Business Education</td>
<td>3(0,0)</td>
<td>PR: ECT 3365 or C.I. An overview and examination of business curriculum and methodology integrated into the workforce framework. Planning and preparation of materials, managing the laboratory and involvement in career &amp; technical student organizations. Occasional.</td>
</tr>
<tr>
<td>BUL 5310</td>
<td>BA-ACCT</td>
<td>Legal and Ethical Environment of Business</td>
<td>3(0,0)</td>
<td>PR: Completion of each course in the Business common core curriculum with a grade of &quot;C&quot; (2.0) or better. Perceptual, cognitive, affective, social, organizational, commercial, and cultural factors. The role of law and ethics in the decision-making process.</td>
</tr>
<tr>
<td>BUL 5309H</td>
<td>BA-ACCT</td>
<td>Honors Legal &amp; Ethical Environment of Business</td>
<td>3(0,0)</td>
<td>PR: Junior standing and major or minor, permission of Honors. Analysis of the law as a dynamic social and political institution in the business environment, including ethical considerations with honors level content. Occasional.</td>
</tr>
<tr>
<td>BUL 4540</td>
<td>BA-MAN</td>
<td>Employment Law</td>
<td>3(0,0)</td>
<td>PR: Management major or minor, MGT 3025 and MGT 3301. An examination of current employment law and issues/trends in the legal environment impacting human resource management system design, HRM policy and employee relations. Fall.</td>
</tr>
<tr>
<td>BUL 5332</td>
<td>BA-ACCT</td>
<td>Advanced Business Law Topics</td>
<td>3(0,0)</td>
<td>PR: Admission to graduate program. Examination of laws and ethical issues affecting business and employment, the role of law and ethics in the decision-making process.</td>
</tr>
<tr>
<td>BUL 5810</td>
<td>BA-ACCT</td>
<td>Legal and Social Environment of Business</td>
<td>3(0,0)</td>
<td>PR: Admission to graduate program. Analysis of the legal and ethical environment of business, the effects of legislation and regulation on business activity, and the role of law and ethics in the decision-making process. Occasional.</td>
</tr>
<tr>
<td>CAP 4053</td>
<td>ECS-ECE</td>
<td>Robot Vision</td>
<td>3(0,0)</td>
<td>PR: COP 3503C and COP 3562C each with a grade of &quot;C&quot; (2.0) or better. Study of video and board games and contrasts them with more traditional approaches. Spring.</td>
</tr>
<tr>
<td>CAP 4104</td>
<td>ECS-ECE</td>
<td>Human and Technology Interaction</td>
<td>3(0,0)</td>
<td>PR: COP 3330 and COP 3562C each with a grade of &quot;C&quot; (2.0) or better. Perceptual, cognitive, affective, social, organizational, commercial, and cultural factors. Analysis of the role of technology and human-centered design in the development of new products and services.</td>
</tr>
<tr>
<td>CAP 4453</td>
<td>ECS-ECE</td>
<td>Artificial Intelligence</td>
<td>3(0,0)</td>
<td>PR: COP 3503C with a grade of &quot;C&quot; (2.0) or better and COP 4663C. An examination of current methods in AI: knowledge-based systems, representation, inference, planning, natural language. Programming in Lisp or Prolog required. Fall.</td>
</tr>
<tr>
<td>CAP 4720</td>
<td>ECS-ECE</td>
<td>Computer Graphics</td>
<td>3(0,0)</td>
<td>PR: COP 3503C and MAC 2312 each with a grade of &quot;C&quot; (2.0) or better. Study of computer graphics, visibility and shading, graphics and data structure, curves and surfaces, commodity graphics hardware, and graphics APIs. Occasional.</td>
</tr>
<tr>
<td>CAP 5015</td>
<td>ECS-CS</td>
<td>Multimedia Compression on the Internet</td>
<td>3(0,0)</td>
<td>PR: Seniors and graduate students with interest in internet technology. Multimedia data; internet technology; entropy; compression methods; lossy compression; vector quantization; transform coding; wavelet video compression; model based compression. Occasional.</td>
</tr>
<tr>
<td>CAP 5055</td>
<td>ECS-CS</td>
<td>AI for Game Programming</td>
<td>3(0,0)</td>
<td>PR: CS Foundation Exam or EEL 4851C or C.I. Surveys cutting-edge AI techniques for video games and board games and contrasts them with more traditional approaches. Spring.</td>
</tr>
<tr>
<td>CAP 5066</td>
<td>ECS-CS</td>
<td>User Interface Design Tools</td>
<td>3(0,0)</td>
<td>PR: Graduate standing and/or approval of the Director of the Software Engineering Certificate Program. A survey of available tools for creating and maintaining Web sites, and methodologies for determining which tool is best suited for a particular application environment. Fall.</td>
</tr>
<tr>
<td>CAP 5100</td>
<td>ECS-CS</td>
<td>Human-Computer Interface Design</td>
<td>3(0,0)</td>
<td>PR: COP 4331C, graduate standing and/or approval of the Director of the Software Engineering Certificate Program. Focuses on dynamics of human-computer interaction. Provides a comprehensive overview of HCI design as a software discipline. Features a user-centered approach to Web-based application design. Fall.</td>
</tr>
<tr>
<td>CAP 5145</td>
<td>ECS-CS</td>
<td>Constraint Vision</td>
<td>3(0,0)</td>
<td>PR: COP 3503C, MAC 2312 and COT 3960. Image formation, binary vision, region growing and edge detection, shape representation, dynamic scene analysis, texture, stereo and range images, and knowledge representation. Fall.</td>
</tr>
<tr>
<td>CAP 5510</td>
<td>ECS-CS</td>
<td>Bioinformatics</td>
<td>3(0,0)</td>
<td>PR: Background in programming language or molecular biology. Course introduces problems, concepts, algorithms, and applications in Bioinformatics. It covers essential topics such as sequence alignment and prediction of gene and protein structure. Occasional.</td>
</tr>
</tbody>
</table>
CCJ 5931 HPA-CJ 3(3.0) Contemporary Criminal Justice Strategies: PR: Graduate standing or C.I. Graduate level analysis of current and contemporary crime issues and the reactions of the criminal justice system to combat those crimes at both the national and international levels. May be used in the degree program a maximum of 3 times. Occasional.

CCJ 5934 HPA-CJ 1(1.0) Criminal Justice Investigative Process: PR: Graduate standing or C.I. Advanced seminar providing students with a broad view of how the criminal justice investigative process operates. Focus on the roles and responsibilities of agents as investigators. May be used in the degree program a maximum of 3 times only when course content is different. Occasional.

CDA 3103 ECS-ECE 3(3.0) Computer Logic and Organization: PR: COP 3223 with a grade of "C" (2.0) or better, CR: CDT 3100 or MII 3322 or MAD 2104. Logic design, computer arithmetic, Instruction Set Architecture (MIPS, SPIM simulator), performance, data path, control unit, memory hierarchy, I/O interface. Fall, Spring.

CDA 5106 ECS-CS 3(3.0) Advanced Computer Architecture: PR: EEL 4768C. Modern processor design, instruction-level parallelism, thread-level parallelism, data-level parallelism, memory hierarchy, and I/O. Fall, Spring.

CDA 5110 ECS-CS 3(3.0) Parallel Architecture and Algorithm Design: PR: COP 3223, CDA 5108. General-purpose vs. special-purpose parallel computers; arrays, message-passing, shared-memory; taxonomy; parallelization techniques; communication: synchronization and granularity; parallel data structures; automatic program restructuring. Occasional.

CEG 4011C ECS-CECE 4(2,2) Geotechnical Engineering I: PR: EGR 3331, CWR 3201 both with a grade of "C" (2.0) or better. Engineering properties and classification of soils. Design considerations for compaction, seepage, consolidation, and settlement analysis. Foundation considerations and bearing capacity. Fall, Spring. M&S fee $21.00

CEG 4012 ECS-CECE 3(3.0) Geotechnical Engineering II: PR: CEG 4011C with a grade of "C" (2.0) or better. Consolidation, shear strength, earth pressures and retaining walls, bearing capacity and slope stability. Fall, Spring.

CEG 4801C ECS-CECE 3(2,2) Geotechnical Engineering Design: PR: CEG 4011C with a grade of "C" (2.0) or better and department consent. Project course on design of foundations and other soil structures using geotechnical design methodologies. Fall, Spring. M&S fee $14.00

CET 3010 ECS-ECS 3(3.0) Principles of Information Technology: PR: MAC 1105C. An introduction to IT field, including binary representation, graphs, data compression, information theory, transmission and storage technology, and communications. Fall, Spring.

CET 3383 ECS-ECS 3(3.0) Applied Systems Analysis I: PR: Approved programming course or C.I. Study of system analysis, design, development and implementation cycle. Includes Object Oriented Programming (OOP) to implement system programs. Spring.

CET 4427 ECS-ECS 3(3.0) Applied Database I: PR: Approved programming course or C.I. Design and implementation of data base systems within the concept of central administration, structured data storage. Programming project. Fall.

CET 4483 ECS-ECS 3(3.0) Introduction to Local Area Network Technology: PR: Approved programming course or C.I. An introductory level course in local area networks. Topics in data communications, computer networking, local area network technology, topologies, and protocols will be covered. Spring.
UCF Courses and Descriptions

CET 4663 ECS-ECS  3(3,0)

CET 4748 ECS-ECS  3(3,0)
Wide Area Networks I: PR: CET 4483 or C.I. Designing Wide Area Networks; determining requirements, designing the network's structure, choosing appropriate technologies, and evaluating results. Fall.

CET 4749 ECS-ECS  3(3,0)

CGN 3501C ECS-CECE  3(2,3)
Civil Engineering Materials: PR: A grade of "C" (2.0) or better in EGN 3331 and in CHS 1440 or CHM 2045C or CHM 2041. The characterization of materials used in civil engineering works to include concrete, bituminous polymers and composite materials. Occasional. M&S fee $30.00

CGN 3700C ECS-CECE  4(3,2)
Civil Engineering Measurements: PR: MAC 2312 and PHY 2040C both with a grade of "C" (2.0) or better. This course covers engineering measurement, data analysis, hardware of experiments including electronics, system components, and calibration, with specific applications in civil engineering. Spring. M&S fee $30.00

CGN 4808C ECS-CECE  3(2,2)
CECE Capstone Design: PR: CECE "C" (2.0) or better in a previous CECE design course and department consent. An interdisciplinary capstone design experience requiring problem definition, data collection, analysis of alternatives, economic evaluation of alternatives, and oral and written presentation of final design. Fall, Spring.

CGN 5506C ECS-CECE  3(2,2)

CGS 1060C ECS-CS  3(2,2)
Introduction to Computers: Digital literacy, computer hardware, peripheral components, memory devices, effects of computers on society, application of computers. Not open to Computer Science majors. Fall, Spring.

CGS 2100C ECS-CS  3(2,1)
Computer Fundamentals for Business: Uses of computers and software in business, including business applications, commercial packages, and the Internet. Not open to Computer Science majors. Fall, Spring.

CGS 2545C ECS-ECE  3(3,0)
Database Concepts: PR: COP 2500C or high level programming course (C, Java, C++, with a grade of "C" (2.0) or better). Entities and relationships, entity-relationship model, relational database management systems, normal forms, performance or databases, file organization. Fall, Spring.

CGS 2585C ECS-ECE  3(2,1)
Desktop/Internet Publishing: PR: COP 2500C or high level programming course (C, Java, C++, with a grade of "C" (2.0) or better). Principles and techniques of page formatting and layout. File format standards, HTML coding, using images, sound and animation, advanced text formatting, forms and CGS scripts, introduction to javascript. Fall, Spring.

CGS 3269 ECS-ECE  3(3,0)
Computer Architecture Concepts: PR: COP 2500C or high level programming course (C, Java, C++, with a grade of "C" (2.0) or better). Operating systems, computer architecture, network file servers. Fall, Spring.

CGS 3763 ECS-ECE  3(3,0)
Operating System Concepts: PR: COP 2500C or high level programming course (C, Java, C++, with grade of "C" (2.0) or better). Components of OS, concept of processes, CPU scheduling, security issues, client server paradigms, and computer supported workgroups. Fall.

CGS 4144 ECS-CS  3(3,0)

CGS 5131 ECS-ECE  3(3,0)
Computer Forensics I: Seizure and Examination of Computer Systems: PR: Computer literacy and C.I. Legal issues regarding seizure and chain of custody. Technical issues in acquiring computer evidence. Popular file systems are examined. Reporting issues in the legal system. Fall. M/S fee $50.00

CHI 1120C CAH-LANG  4(3,1)
Elementary Chinese Language and Civilization I: Designed to initiate the student to major language skills: listening, speaking, reading and writing. Fall.

CHI 1120H CAH-LANG  4(4,0)
Honors Elementary Chinese Language and Civilization I: PR: Permission of Honors. Introduces the student to Chinese culture through the major language skills: Listening, speaking, reading and writing. Open only to students with no experience in the language. Honors level content. Occasional.

CHI 1121C CAH-LANG  4(3,1)
Elementary Chinese Language and Civilization II: PR: CHI 1120C or equivalent. Continuation of CHI 1120C. Spring.

CHI 1121H CAH-LANG  4(4,0)

CHI 2200 COS-CHEM  3(3,0)
Intermediate Chinese I: PR: CHI 1121C or equivalent or C.I. Development of Chinese language skills at the intermediate level. Fall, Spring.

CHI 2201 COS-CHEM  3(3,0)
Intermediate Chinese II: PR: CHI 2200. Continuation of CHI 2200 with emphasis on Chinese cultures. Fall, Spring.

CHM 1020 COS-CHEM  3(3,0)
Concepts in Chemistry: PR: High school Algebra. Concepts will be chosen to provide insight into the significant role that chemistry plays in our culture. Intended as a general education course. Fall, Spring.

CHM 1032 COS-CHEM  3(3,0)
General Chemistry: PR: MAC 1105C or MGF 1106 or equivalent. An introductory study of the fundamental concepts of chemistry, primarily oriented toward Health Science majors. The "NC" grading policy applies to this course. Fall, Spring.

CHM 1032L COS-CHEM  1(0,3)
General Chemistry Laboratory: PR: or CR: CHM 1032. Preference will be given to students whose major requires this course. Fall, Spring.

CHM 1035 COS-CHEM  3(3,0)
Organic Chemistry I: PR: A "C" (2.0) or better in CHM 2040. Priority will be given to students whose major requires this course. Theory and applications of organic chemistry: structure, bonding, kinetics, thermodynamics, reaction mechanisms, synthesis, and stereochemistry. Structure elucidation via spectrometric techniques. Fall, Spring.

CHM 2205 COS-CHEM  5(5,0)
Introduction to Organic and Biochemistry: PR: CHM 1032 or equivalent. An introduction to organic chemistry, stressing the chemistry of functional groups and a survey of the biochemistry of proteins, carbohydrates, lipids, and nucleic acids. Spring.

CHM 2210 COS-CHEM  3(3,0)
Organic Chemistry II: PR: A "C" (2.0) or better in CHM 2040. Priority will be given to students whose major requires this course. Fall, Spring.

CHM 2211 COS-CHEM  3(3,0)
Organic Chemistry II: PR: CHM 2210. Priority will be given to students whose major requires this course. Continuation of CHM 2210. Fall, Spring.

THE UNIVERSE OF CENTRAL FLORIDA
452 Undergraduate Catalog 2014-2015
CHM 2211L COS-CHEM (2.0)
Organic Laboratory Techniques I: PR: CHM 2046L and CHM 2210. Priority will be given to students whose major requires this course. An introduction to the laboratory techniques of organic chemistry, including the preparation, reaction, and analysis of organic compounds. IMPORTANT: Attendance of the first laboratory session dealing with safety procedures is mandatory; students who do not attend must immediately call the Chemistry Department, and may be dropped from the class. Fall, Spring. M&S fee $70.00

CHM 3120 COS-CHEM (3.0)
Analytical Chemistry: PR: CHM 2046, CHM 2046L, and/or CR: CHM 3120. Experimental exercise of quantitative methods of analysis using titrometric, gravimetric, polarimetric, and photometric methods of analysis including statistical treatment of experimental data. IMPORTANT: Attendance of the first laboratory session dealing with safety procedures is mandatory; students who do not attend must immediately call the Chemistry Department, and may be dropped from the class. Fall, Spring.

CHM 3210L COS-CHEM (10.3)
Organic Laboratory Techniques II: PR: CHM 2046L and CHM 2211L. Open-end laboratory to develop synthesis techniques and structure elucidation skills. IMPORTANT: Attendance of the first laboratory session dealing with safety procedures is mandatory; students who do not attend must immediately call the Chemistry Department, and may be dropped from the class. Fall, Spring. M&S fee $70.00

CHM 3410 COS-CHEM (4.0)
Physical Chemistry I: PR: CHM 2046, PHY 2049C, and MAC 2312. Rigorous treatment of atomic and molecular structure, thermodynamics, kinetics, and chemical bonding. Fall.

CHM 3411 COS-CHEM (3.0)

CHM 3411L COS-CHEM (20.6)
Physical Chemistry Laboratory: PR: CHM 3120 and CR: CHM 3411. Classical as well as modern instrumental techniques coupled with computer data processing to measure physical properties and determine atomic and molecular parameters. Spring. M&S fee $70.00

CHM 3422 COS-CHEM (3.0)
Applied Physical Chemistry: PR: PHY 2049C and MAC 2312. Physical chemistry as applied to the study of biological and forensic science. Fall.

CHM 4130 COS-CHEM (3.0)
Advanced Analytical Laboratory Technique: PR: CHM 3411 or CHM 3411L or CR: CHM 3120. Advanced experimental methods of the analysis of organic and inorganic compounds. Statistically significant and computer assisted methods of analysis. Spring. M&S fee $70.00

CHM 4130L COS-CHEM (20.6)
Advanced Analytical Chemistry Laboratory: PR: PR or CR: CHM 4130. Experimental exercise of instrumental methods of analysis. Successful students will develop practical skills performing experiments based on spectrometric and chromatographic methods of analysis. Statistical data treatment of experimental results will be also included. Spring. M&S fee $70.00

CHM 4220 COS-CHEM (3.0)
Organic Chemistry III: PR: CHM 2211 or its equivalent. Organic reaction mechanisms and retrosynthetic analysis and their application to synthetic chemistry. Even Fall.

CHM 4610L COS-CHEM (3.0)

CHM 4610L COS-CHEM (2.0)
Inorganic Chemistry Laboratory: PR: CHM 4610. A study of physical and chemical properties and synthetic techniques in inorganic Chemistry. Fall. M&S fee $70.00

CHM 4914C COS-CHEM (1.1)
Undergraduate Research Methods: PR: CHM 2211 or C.I. Selection of a research project, instruction in literature searching, seminar preparation, and laboratory techniques beyond the scope of typical chemical laboratories. Fall, Spring.

CHM 4930 COS-CHEM (1.0)
Chemistry Seminar I: PR: CHM 3120 or C.I. Student selects a topic and an advisor and prepares a draft seminar. Fall, Spring.

CHM 4931 COS-CHEM (1.0)
Chemistry Seminar II: PR: CHM 4930. Student improves the seminar prepared in CHM 4930 (or an approved alternative) and presents it to the Chemistry department. Fall, Spring.

CHM 5225 COS-CHEM (3.0)
Advanced Organic Chemistry: PR: CHM 2211, graduate status or senior standing, or C.I. Theoretical and physical organic concepts of organic systems from the perspective of modern structural theory, thermodynamics, and kinetics. Odd Fall.

CHM 5235 COS-CHEM (3.0)
Applied Molecular Spectroscopy: PR: CHM 3120 and CHM 2211, and graduate status or senior standing or C.I. Determination of chemical structure through interpretation of UV, IR, NMR and Mass Spectra. Odd Fall.

CHM 5505 COS-CHEM (3.0)
Applied Biological Chemistry: PR: CHM 2211, and graduate status or senior standing or C.I. The identification of students from plants, synthesis, assessment of bioactivity, and design of pharmaceuticals and agrochemicals, as well as the impact of biotechnology in the chemical industry. Even Fall.

CHM 5450 COS-CHEM (3.0)
Polymer Chemistry: PR: CHM 2211, and graduate status or senior standing or C.I. An introduction to the chemistry of synthetic polymers. Synthetic methods, polymerization mechanisms, characterization techniques, and polymer properties will be considered. Even Fall.

CHM 5451C COS-CHEM (3.5)
Techniques in Polymer Science: PR: CHM 2211 and CHM 3410, graduate status or senior standing or C.I. A laboratory and lecture course designed to introduce students to the major polymerization mechanisms along with polymer characterization and processing methods using modern instrumentation. Odd Spring. M&S fee $45.00

CHM 5580 COS-CHEM (3.0)
Advanced Physical Chemistry: CR: CHM 3411 and MAC 2313, and graduate standing or senior standing or C.I. Selected topics of thermodynamics, kinetics, quantum mechanics, and structure. Occasional.

CHM 5715C COS-CHEM (3.2)
Optical Materials Processing and Characterization Techniques: PR: CHM 3411 and CHM 4610 or equivalent. Glasses, crystals and polymeric materials will be processed and characterized for their properties. Laboratory will emphasize material structure and physical property relationships. Occasional.

CHS 1440 PR: Chemistry: PR: One year of high school chemistry or CHM 1032. Basic concepts of chemistry, with emphasis on problem solving, including atomic and molecular structure, states of matter, stoichiometry, equilibrium, electrochemistry and thermodynamics. The "NC" grading policy applies to this course. Fall, Spring.

CHS 3501 COS-CHEM (3.0)
Introduction to Forensic Science: PR: Preference will be given to students whose majors require this course. Intended for majors and non-majors to provide an overview of the specialty areas in the forensic crime lab. Spring.

CHS 3505C COS-CHEM (4.2)
Forensic Microscopy: PR: C grade or better in CHM 3046 and C.I. An advanced study of the techniques used to identify and compare trace evidence. Spring. M&S fee $69.00

CHS 3511C COS-CHEM (4.2)
Trace Evidence: PR: C grade or better in CHS 3505C and C.I. An advanced study of the techniques used to identify and compare trace evidence. Spring. M&S fee $45.00

CHS 3514C COS-CHEM (3.2)
Bomb Scene Investigation: PR: Forensic Science major, CHS 3501 or C.I. Procedures for recognizing, collecting, preserving, and analysis of evidence from a post blast bombing crime scene. May be repeated for credit. Occasional.

CHS 3530C COS-CHEM (4.3)
Forensic Analysis of Controlled Substances: PR: C grade or better in CHM 2211, PR or CR: CHS 3505C & CHM 3120, or C.I. Study of presumptive tests, isolation, and instrumental techniques used in identification of controlled substances. Fall. M&S fee $68.00

CHS 3533C COS-CHEM (2.0)
Forensic Biochemistry I: PR: or C.I. Selected topics of forensic biochemistry, including the identification of body fluids and the use of genetic markers to establish identity. Fall.

CHS 3533L COS-CHEM (1.0)
Forensic Biochemistry Laboratory: PR: or C.I. selected topics of forensic biochemistry, including the identification of body fluids and the use of genetic markers to establish identity. Fall, Spring, Odd Spring.

CHS 4504C COS-CHEM (2.1)
Fire and Debris Analysis I: PR: CHM 3120 and C.I. A lecture/laboratory course covering the procedures for recovering and identifying flammable liquids in fire related evidence. Odd Fall.

CHS 4505C COS-CHEM (3.0)
Forensic Science in the Courtroom: PR: or C.I. Modern technology and quality systems management in forensic laboratories. The special needs of the forensic scientist in preparing for and testifying in courtroom proceedings. Spring.

CHS 4549C COS-CHEM (0.8)

CHS 4506C COS-CHEM (2.3)
Forensic Investigation Technology: PR: A grade of "C" or better in CHS 3505C or C.I. Modern technology applied to forensic investigation. Occasional.

CHS 4515C COS-CHEM (4.2)
Forensic Crime Scene Investigation: PR: Grade of "C" or better in CHS 3511C, or C.I. Procedures for the investigation of arson, explosives, and crime scenes. Occasional.

CHS 4534C COS-CHEM (3.1)
Forensic Biochemistry II: PR: CHS 3533C and C.I. Advanced treatment of the theoretical and practical aspects of forensic DNA analysis and the use of population genetics and genetic data analysis for evidence interpretation. Spring. M&S fee $70.00

CHS 4537 COS-CHEM (2.0)
Forensic Laboratory Quality Assurance: PR: Grade of "C" or better in CHS 3501, CHS 3505C, and CHS 3533 or C.I. Concepts and principles of quality assurance and quality systems management in forensic laboratories. Fall.

CHS 4541C COS-CHEM (2.1)
Fire and Debris Analysis II: PR: CHS 3540C or C.I. An advanced lecture/laboratory course covering the procedures for recovering and identifying flammable liquids in real fire related evidence. Occasional.
UCF Courses and Descriptions

CHS 4591 COS-CHEM 4(0,40) Forensic Science Internship: PR: Senior standing, within 8 hrs. of completion of degree requirements, and 23 overall GPA. Credit for full-time work (15 weeks; 500 hours) for a professional forensic laboratory. May be repeated for credit. Fall, Spring.

CHS 4615 COS-CHEM 3(3,0) Environmental Chemistry: PR: CHM 2046, senior level in biological, molecular, chemical or engineering science, or C.I. Principles of environmental chemistry, survey of environmental law, remediation technologies, industrial practices and environmentally responsible chemistry. Gold Spring.

CHS 5502 COS-CHEM 3(3,0) Principles of Forensic Science: PR: Admission to Forensic Science MS program or C.I. Principles of forensic science crime scene investigation, concepts in physical and biological evidence, evidence collection and transport, discrimination and individualization of evidence. Even Spring.

CHS 5504 COS-CHEM 3(3,0) Topics in Forensic Science: PR: Admission to Digital Forensics M.S. or Computer Forensics graduate certificate program or C.I. History and current topics in Forensic Science. Fall.

CHS 5518 COS-CHEM 3(3,0) The Forensic Collection and Examination of Digital Evidence: PR: Adv. topics in Forensic Science, graduate status, or C.I. This course will cover the nature of Digital Evidence collection and examination under the constraints of Law and courtroom procedures. Occasional.

CHS 5596 COS-CHEM 3(3,0) The Forensic Expert in the Courtroom: PR: CHS 3533, CHS 6535, CHS 6536, or C.I. A study of the uses of technically and scientifically trained expert witnesses at trial. Even Spring.

CIS 3003 ECS-ECE 3(3,0) Fundamentals of Information Technology: PR: CGS 2494 and COP 3223 each with a grade of "C" (2.0) or better. Pervasive themes in IT. Organizational issues. History of IT. IT and its related and informing disciplines. Application domains. Applications of math and statistics to IT. Fall.

CIS 3360 ECS-ECE 3(3,0) Security in Computing: PR: COP 3223 or EGN 3221 with a grade of "C" (2.0) or better. Security theory and practice, introduction to legal and human factors. Malware, Intrusion patterns and tools, Windows, Unix, TCP/IP, and applications vulnerabilities. Detect, policies are the foundation. Enforcement. Protection and assurance. Occasional.


CIS 4004 ECS-ECE 3(3,0) Web-Based Information Technology: PR: CNT 3024 and COP 3330 each with a grade of "C" (2.0) or better. Introduction to web development, including HTML, CSS, and JavaScript. Design and development of web applications. Occasional.

CIS 4361 ECS-ECE 3(3,0) Secure Operating Systems and Administration: PR: CIS 3300 with a grade of "C" (2.0) or better. CR: COP 4600 or CGS 3763 or EE 4882. Understanding of secure operating systems requirements, design principles and theories, protection methods, access control, authentication, vulnerability, analysis and case studies. Occasional.

CIS 4524 ECS-ECE 3(3,0) Managing IT Integration: PR: CIS 3003 with a grade of "C" (2.0) or better. Requirements, acquisition and sourcing, integration, Project management, Testing and QA. Organizational context. Architecture. Spring.


CIS 5105 ECS-CS 3(3,0) Capacity Planning and Performance Evaluation of Web Services: PR: COP 4600, graduate standing and/or approval of the Director of the Software Engineering Certificate Program. Web server performance problems, basic performance concepts, quantitative models for web performance, planning the capacity of web services, understanding and characterizing the workload, measuring performance. Occasional.

CIS 5378 ECS-CS 3(3,0) Designing Secure Transactions in Web Applications: PR: Graduate standing and/or approval of the Director of the Software Engineering Certificate Program. Secure electronic commerce, data indirection, shell command injection, cross-site scripting, Web Trojans, symmetric encryption, security protocols, application vulnerabilities, threats and hackers. Spring.

CJC 3010 HPA-CJ 3(3,0) Corrections and Penology: PR: CJC 3024 or C.I. Theories, structures, values of institutional and non-institutional processing and treatment of convicted criminals and juvenile offenders. Fall, Spring.


CJC 3164 HPA-CJ 3(3,0) Community-Based Corrections: PR: CJC 3024 and CJC 3010 or C.I. An overview and analysis of correction interventions and treatment programs in the community. Occasional.

CJC 4410 HPA-CJ 3(3,0) Correctional Interventions in Criminal Justice: PR: Junior Standing and CJC 3010. Intervention techniques used with juvenile and adult offenders in institutional and community-based settings and study of the theoretical foundations. Occasional.

CJC 5020 HPA-CJ 3(3,0) Foundations of Corrections: PR: Admission to Criminal Justice graduate program, graduate certificate, or C.I. An overview of the history of corrections in the U.S., including philosophical foundations and contemporary practices. Occasional.

CJE 3001 HPA-CJ 3(3,0) Careers in Criminal Justice: PR: Sophomore Standing and ENC 1102. Introductory course with focus on components of the Criminal Justice process (law enforcement, courts, and corrections) and employment opportunities within the criminal justice system. Fall, Spring.

CJE 3444 HPA-CJ 3(3,0) Crime Prevention: PR: Sophomore Standing and ENC 1102. An overview and analysis of crime prevention strategies used in the private and public sectors. Fall, Spring.

CJE 3662 HPA-CJ 3(3,0) CJ Information Technology and Data Management: PR: (Sophomore Standing and CGS 1090A) or C.I. Designed to familiarize with concepts of databases, uses, and applicability to crime analysis. Occasional.

CJE 4012 HPA-CJ 3(3,0) Criminal Profiling in Criminal Justice: PR: CJC 3014 or (Criminal Profiling or Crime Scene Investigation Certificate declared and Junior Standing) or C.I. Examines criminal profiling undertaken by law enforcement and prosecution authorities which consists of gathering, reviewing and analyzing evidence pertaining to violent crimes. Occasional.

CJE 4014 HPA-CJ 3(3,0) Police and Society: PR: CCJ 3024 or C.I. An examination of the varied roles of police in contemporary society. Emphasis is on dynamics of police/citizen interactions and the police subculture. Fall, Spring.


CJE 4352 HPA-CJ 3(3,0) Policy Development in Law Enforcement: PR: Sophomore Standing and ENC 1102. The course is designed to deal with policy development in law enforcement. Major issues in organization, administration, personnel practices and police operations will be addressed. Occasional.

CJE 4410 HPA-CJ 3(3,0) Community Policing: PR: Sophomore Standing and ENC 1102. The viability of community policing. The theoretical basis for community interventions are related to the daily operations required by community policing. Occasional.

CJE 4572 HPA-CJ 3(3,0) Justice Agency Operations: PR: CCJ 3024 or C.I. Elements, functions, and processes essential to the continuing management of various criminal justice agencies, institutions and court systems. Occasional.

CJE 4606 HPA-CJ 3(3,0) Criminal Investigation: PR: CJE 4014 or (Criminal Profiling or Crime Scene Investigation certificate declared) or C.I. Course acquaints students with basic Procedures used in Criminal Investigation: purpose of investigations and ingredients for successful investigations. Fall, Spring.


CJE 4654 HPA-CJ 3(3,0) Crime and Place: PR: CCJ 3024 or (Crime Analysis and Crime Mapping Certificate declared and Junior Standing) or C.I. Provides an understanding of how physical, environmental, and built environment - influences crime events. Occasional.

CJE 4663 HPA-CJ 3(3,0) Crime Mapping and Pattern Analysis: PR: CJE 3662 or C.I. Provides essential theoretical knowledge and hands on experience mapping crime and other spatial criminal justice data and analyzing crime patterns. Occasional.

CJE 5021 HPA-CJ 3(3,0) Foundations of Law Enforcement: PR: Admission to Criminal Justice graduate program, graduate certificate program, or C.I. Examines police role in modern society and law enforcement policy. Occasional.

CJE 4564 HPA-CJ 3(3,0) Juvenile Justice System: PR: (CCJ 3024 and C.J Majors) or Victim Advocacy Certificate declared or C.I. Examination of programs and institutions including juvenile court process, intake services, and remedial procedures and practices. Occasional.

C.JL 3110 HPA-CJ 3(3,0) Criminal Law in Action: PR: Sophomore Standing and ENC 1102. Basic concepts of criminal law: elements of major crimes, criminal responsibility, defenses, and parties to crime. Fall, Spring.

C.JL 3510 HPA-CJ 3(3,0) Prosecution and Adjudication: PR: CCJ 3024 or C.I. Examination of structures and goals of offices and prosecution and criminal trial courts, and of the processes of plea bargaining, adjudicating, and sentencing defendants. Fall, Spring.

C.JL 4010 HPA-CJ 3(3,0) Legal Aspects of Policing: PR: CJE 4014 The legal dimensions of various police decision-making stages; including stops and frisks; arrests; searches and seizures warrantless, and interrogations Occasional.
COM 3406 COS-COMM 3(3,0)
Role of Motivation in Communication: PR: or CR: COM 3311, or C.I. Motivation theories that directly affect the process of human communication. Occasional.

COM 3801 COS-COMM 3(3,0)
Conflict Communication Research Methods: PR: SP 1608, or SPC 1603, or COM 1000, or C.I. Survey of research methods used by conflict communication scholars; emphasis on approaches, methodologies, and analysis used to inform the process of human conflict communication. Fall, Spring.

COM 3801 COS-COMM 3(3,0)
Communication Theories of Interpersonal Conflict: PR: or CR: COM 3800 Examination of social dynamics, interpersonal behavior, and motivation in a variety of settings in order to analyze intergroup conflict, and violence reducing strategies and techniques. Fall, Spring.

COP 5932 COS-COMM 3(3,0)
Topics in Communication Theory and Research: PR: Admission to Communication M.A. program or C.I. Growth and expansion of a particular area of communication theory and research, emphasizing major developments, current uses, implications for research, and overall impact on the field. Occasional.

COP 2500C ECS-CS 4(3,1)
Computer & Communication Science: Fundamental concepts in program design, data structures, algorithms, analysis and a survey of topics in CS. Not open to Computer Science majors. Fall, Spring.

COP 3223 ECS-CS 3(3,0)
Introduction to Programming with C: Equivalent to EGN 3211. Programming in C including arrays, pointer manipulation and use of standard C math and I0 libraries. Fall, Spring.

COP 3223H ECS-CS 3(3,0)
Honors Introduction to Programming with C: PR: Consent of Honors. Programming with C including arrays, pointer manipulation and use of standard C math and I0 libraries. With Honors content. Fall.

COP 3330 ECS-ECE 3(3,0)
Object Oriented Programming: PR: COP 2323 or EGN 3211 with a grade of "C" (2.0) or better Object oriented programming concepts (classes, objects, method, encapsulation, inheritance, interfaces) and the expression of these concepts in the programming languages such as JAVA. Fall, Spring.

COP 3402 ECS-ECE 3(3,0)
Systems Software: PR: CDA 3103 and COP 3502C each with a grade of "C" (2.0) or better. Problem solving techniques, order analysis and notation, abstract data types, and recursion. Fall, Spring.

COP 3502C ECS-ECE 3(3,0)
Computer Science I: PR: (COP 3223 or EGN 3211) and MAC 1111 or COP 3503C each with a grade of "C" (2.0) or better. Problem solving techniques, order analysis and notation, abstract data types, and recursion. Fall, Spring.

COP 3502H ECS-ECE 3(3,0)
Honors Computer Science I: PR: Permission of Honors and COP 3503C and MAC 1111 or COP 3503C each with a grade of "C" (2.0) or better. Problem solving techniques, order analysis and notation, abstract data types, and recursion. Fall, Spring.

COP 3503C ECS-ECE 3(3,1)
Computer Science II: PR: COP 3502C and COP 3330 and (MAD 2104 or COP 3100C) all with a grade of "C" (2.0) or better. Algorithm design and analysis for tree, list, set, and graph data models; algorithmic strategies and applications, and algorithmic complexity analysis; sorting and searching: practical applications. Fall, Spring.

COP 3503H ECS-ECE 3(3,0)
Honors Computer Science II: PR: Permission of Honors and (COP 3502H or COP 3502C) and COP 3330 and (MAD 2104 or COP 3100C) each with a grade of "C" (2.0) or better. Algorithm design and analysis for tree, list, set, and graph data models; algorithmic strategies and applications, and algorithmic complexity analysis; sorting and searching: practical applications. With honors content. Fall.

COP 4020 ECS-ECE 3(3,0)
Programming Languages I: PR: COP 3502C with a grade of "C" or better and COP 3960. Paradigms and fundamental concepts of programming languages are presented, including: scope, binding, abstraction, encapsulation, typing etc. Design paradigms object-oriented, functional and logic programming are presented. Fall, Spring.

COP 4331C ECS-ECE 3(3,1)
Processes for Object-Oriented Software Development: PR: COP 3503C with a grade of "C" (2.0) or better and COP 3960 (CS majors). Concepts, principles, processes and methods for developing large software systems featuring a team project using object-oriented design in UML and implementation in C++. Fall, Spring.

COP 4516C ECS-ECE 3(3,1)
Problem Solving Techniques and Team Dynamics: PR: COP 3503C with a grade of "C" (2.0) or better. Design and implement solutions to problems requiring the applications of the different algorithms. Team project format. Occasional.

COP 4520 EGS-ECE 3(3,0)
Concepts of Parallel and Distributed Processing: PR: COP 3402 and COP 3502C each with a grade of "C" (2.0) or better and COP 3960. Parallel and distributed paradigms, architectures and algorithms, and the analytical tools, environments and languages needed to support these paradigms. Occasional.

COP 4600 ECS-ECE 3(3,0)
Operating Systems: PR: COP 3503C and COP 3402 (CS majors) each with a grade of "C" (2.0) or better and COP 3960 (CS majors). Function and organization of operating systems, process management, virtual memory, I/O management, and file management. Fall, Spring.

COP 4610L ECS-CS 3(3,0)
Operating Systems Laboratory: PR: COP 3502C. Exercises in the configuration, development, management and analysis of operating systems: OS Kernel support for semaphores and multi-tasking; security in a distributed heterogeneous environment. Fall, Spring.

COP 4710 ECS-ECE 3(3,0)
Database Systems: PR: COP 3503C with a grade of "C" (2.0) or better. Storage and access Strategies, database models and languages, related database design, and implementation techniques for database management systems. Fall, Spring.

COP 4910 ECS-ECE 3(3,0)
Frontiers in Information Technology: PR: CNT 4903 with a grade of "C" (2.0) or better. CR: CNT 4703C. Research into leading edge information technologies that have a high likelihood of affecting the work place in the two to five year time frame. Fall, Spring.

COP 4934 ECS-ECE 3(3,0)
Senior Design I: PR: COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and COP 3960 (CS majors). Concepts, principles, processes and methods for developing large software systems featuring a team project using object-oriented design in UML and implementation in C++. Fall, Spring.

COP 4935 ECS-ECE 3(3,0)
Senior Design II: PR: COP 4934 with a grade of "C" (2.0) or better. Students work in teams to demonstrate their knowledge of computer science and apply it to realistic and meaningful problems. Fall, Spring.

COP 5021 ECS-CS 3(3,0)
Program Analysis: PR: COP 4020 and COP 4210 or C.I. Static analysis of programs including theoretical and practical limitations, data flow analysis, abstract interpretation, and type and effect systems. Tools to automate program analysis. Fall, Spring.

COP 5537 ECS-CS 3(3,0)
Network Optimization: PR: Graduate standing or C.I. Techniques for modeling complex, interconnected systems as networks; optimization with graph theory; algorithms, data structures, and computational complexity; statistical methods for studying large, evolving networks. Fall, Spring.

COP 5611 ECS-CS 3(3,0)
Advanced Scriptwriting Workshop: group discussion of original manuscripts. or C.I. Intensive writing practice in poetry. Peer critique and English major or minor, junior standing, and grade of C (2.0) or better in CRW 3120, CRW 3310, or CRW 3610 or C. Critical/non-fiction work and fictional works by a series of authors.

Creative Writing in the Community: Occasional. PR: English major or minor, junior standing, and grade of C (2.0) or better in CRW 3013, CRW 3053 or C.I. Close study of style and craft in exemplary works of fiction and creative nonfiction from various time periods. Occasional.

Advanced Fiction Writing Workshop: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013, CRW 3053 and CRW 3120, C.I. Intensive writing practice in fiction. Peer critique and group discussion of original manuscripts. Fall, Spring.

Science Fiction Writing: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013, CRW 3053, and CRW 3120, or C.I. Study of science fiction literature and work of original science fiction stories. Workshop format with critique of writing assignments. Occasional.

Advanced Nonfiction Workshop: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013, CRW 3053, and CRW 3211, or C.I. Intensive reading, writing, and workshop of creative nonfiction drawing on memory, observation, journalistic research, and literary techniques. Fall, Spring.

Advanced Poetry Writing Workshop: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013, CRW 3053 and CRW 3610, or C.I. Intensive practice in writing scripts. Peer critique and group discussion of original manuscripts. Fall, Spring.

Editing for Creative Writers: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013, CRW 3053 and at least one of CRW 3120, CRW 3310, CRW 3610, or C.I. Overview of editing processes, the history and future of editing, issues and areas of literary and trade book publishing, and style through grammar and syntax. Occasional.

The Florida Review: PR: English major or minor, junior standing, and a grade of "C" (2.0) or better required in CRW 3013, CRW 3053, and C.I. Hands-on experience with all aspects of Florida Review publishing, editing, and production in conjunction with this national journal. May be used in the degree program a maximum of 2 times. Fall, Spring.

Creative Writing in the Community: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013, CRW 3053, and at least one of CRW 3120, CRW 3211, CRW 3310, or C.I. Teaching creative writing to community groups through service-learning. Occasional.

Graduate Writing Workshop: PR: Admission to Creative Writing MFA and C.I. Student writers present their own work, receiving detailed analysis of its strengths and weaknesses from their fellow writers and from the teacher. May be used in the degree program a maximum of 5 times. Fall, Odd Spring.

Form and Theory in Creative Writing: PR: Admission to Creative Writing MFA or C.I. Formal and theoretical study of creative writing of given genre (poetry, short fiction, etc.). May be used in the degree program a maximum of 3 times. Occasional.

Creative Writing MFA PR: STA 3032 and CWR 3613 both with a grade of "C" (2.0) or better. CR: STA 3032 Fundamentals of fluid mechanics with hydraulic applications: fluid properties, hydrostatics, dimensional analysis, energy, momentum, continuity, and steady flow. Fall, Spring.

Water Resources Engineering I: PR: STA 3032 and CWR 3613 both with a grade of "C" (2.0) or better. Descriptive and qualitative aspects of surface water systems, design of hydraulic structures, and stormwater management. Fall, Spring. M&S fee $21.00

Water Resources Engineering II: PR: CWR 3613 with a grade of "C" (2.0) or better. Provision of advanced understanding of hydrology, hydrologic river routing, open/closed channel, and groundwater flow from theoretical and practical applications of these concepts. Fall, Spring.

Water Resources Design: PR: CWR 3613 with a grade of "C" (2.0) or better and department consent. Project course for the design of storm water, potable and sewer transmission systems using local and state regulations. Fall, Spring. M&S fee $15.00

Groundwater Hydrology: PR: CWR 3613 or C.I. Theoretical foundations of groundwater movement, geological factors, hydraulic theory, and practice technique. May be repeated for credit. Occasional.


Numerical Methods in Civil and Environmental Engineering: PR: CWR 3613 or C.I. This course will present intermediate to advanced numerical methods theory and include code development and error assessment, while targeting civil and environmental engineering applications. Occasional.

Water Resources Engineering: PR: CWR 3613 or C.I. Students identification and solution to complex water allocation problems, and other hydraulic engineering designs and operations using economic analysis and operations research techniques. Occasional.


UCF Courses and Descriptions
DIG 2821 CAH-SVAD 3(3,0) Creative Digital Media Problem Solving: PR: Minimum grade of "B" (3.0) in DIG 2000. Practical tools to enhance the creative process in the development of new, and useful ideas for digital media. Fall, Spring.

DIG 3003 CAH-SVAD 3(3,0) Adventures in Emerging Media: PR: ENC 1101. Examines the rules and culture of emerging media. The course is presented online. Continue "choose your own adventure" format. Occasional.

DIG 3024 CAH-SVAD 3(3,0) Digital Cultures & Narrative: PR: DIG 2030C, DIG 2109C, DIG 2500C, and a minimum grade of "B" (3.0) in DIG 2000. Understanding of digital cultures and narrative theories from an interdisciplinary perspective. Conceptual structure and design of visual and interactive storytelling. Fall, Spring.

DIG 3035 CAH-SVAD 1(1,0) Digital Media in the Workplace: PR: ENC 1102. Workplace skills preparation for Digital Media Practicum. Fosters lifelong learning strategies and digital portfolio development. May be used in the degree program a maximum of 4 times. Fall, Spring.

DIG 3043 CAH-SVAD 3(3,0) Evolution of Video Games: PR: ENC 1101. Evolution of video game market in the early 1950s to contemporary games. Fall, Spring.

DIG 3118 CAH-SVAD 3(3,0) Digital Tools and Technologies: Graphic Design: PR: Grade of "C" (2.0) or better in DIG 2000 or C.I. Composition, editing, and manipulation of digital imagery using Adobe Photoshop, Illustrator, InDesign, DigitalStudio, and other vector-based design programs. Fall, Spring.

DIG 3134 CAH-SVAD 3(3,0) Media Software Design: PR: Grade of "C" (2.0) or better in DIG 2000 or C.I. Introduction to media software design. Fall, Spring.

DIG 3153 CAH-SVAD 3(3,0) Writing for Digital Media: PR: Minimum grade of "B" (3.0) in DIG 3000. Methodologies, fundamentals, and history of written communications for the digital age. Application of methods and fundamentals in the following areas: language theory, document design, markup languages and the editing process. Fall, Spring.

DIG 3171 CAH-SVAD 3(3,0) Tools for Digital Humanities: PR: ENC 1102 or C.I. Examination of digital tools and techniques, including web and games, used for projects and research in digital humanities. Occasional.

DIG 3253C CAH-SVAD 3(2,2) Digital Media Audio: PR: DIG 3480C. Audio production for multimedia and new media production, including examination and use of audio and MIDI sequencing software. Fall, Spring.

DIG 3355C CAH-SVAD 3(2,2) Artificial Environments and Effects: PR: DIG 2109C and a minimum grade of "B" in C.I. Design, manipulation, and implementation of artificial environments and effects into digital media projects. Fall, Spring.


DIG 3450 CAH-SVAD 3(3,0) Interactive Performance I: PR: Admission by audition only. Digital Media, Theatre majors, or C.I. Techniques of interactive acting, with emphasis on interpersonal awareness and audience facilitation. Fall, Spring.

DIG 3450H CAH-SVAD 3(3,0) Honors Interactive Performance I: PR: C.I. Consent of Honors. Techniques of interactive acting, with emphasis on interpersonal awareness and audience facilitation. With Honors consent. Occasional.

DIG 3480C CAH-SVAD 3(2,2) Computer as a Medium: PR: DIG 2500C and a minimum grade of "B" (3.0) in DIG 2000. Fundamentals of digital scripting with an emphasis on web technologies. Development of interactive web sites using current scripting languages. Fall, Spring.

DIG 3525 CAH-SVAD 3(3,0) Digital Media Production I: PR: DIG 2109C, DIG 2500C, and a minimum grade of "B" (3.0) in DIG 2000. Media project planning, organization and execution; group dynamics. Software tools for project planning, scheduling and management. Fall, Spring.


DIG 3554 CAH-SVAD 3(3,0) Digital Tools and Technologies: Web Design: PR: Grade of "C" (2.0) or better in DIG 2000 or C.I. Creative and functional website design and development using Adobe Dreamweaver, including use of CSS, HTML, and incorporation of media and mobile design. Fall, Spring.

DIG 3563 CAH-SVAD 3(3,0) Information Management and Entrepreneurship: PR: DIG 325. Managing digital assets, both technical and fiduciary aspects with a view towards creating, storing, retrieving assets, and authoring of databases and file types. Introduction of basic financial and entrepreneurial elements of starting and running a small business. Fall, Spring.

DIG 3716C CAH-SVAD 3(2,2) Internet Interaction: PR: DIG 3480C. Front end planning and design of web pages. Design using markup languages and style sheets to produce visually pleasing and usable interactive interfaces. Fall, Spring.

DIG 3811 CAH-SVAD 3(3,0) User-Centered Design: PR: DIG 325. Applying knowledge about cognition and behavior to design usable interfaces and systems. Fall, Spring.

DIG 3951 CAH-SVAD 0(0,0) Character Animation Portfolio Review: PR: C.I. Review of relevant digital and artistic works in a student's portfolio. Graduated SU Fall, Spring.

DIG 4104C CAH-SVAD 3(2,2) Video Design Workshop: PR: DIG 3134C, DIG 3716C, DIG 3951, and DIG 3811. Students will practice designing and implementing professional-quality websites. May be used in the degree program a maximum of 2 times. Fall, Spring.


DIG 4206C CAH-SVAD 3(1,4) New Imagery in Motion Workshop: PR: DIG 4325, DIG 4325, successful portfolio review, or C.I. Conceptual and technical aspects of scripting, image processing, 3D/2D data acquisition while practicing the use of Generators, filters, particles, masks, and audio into digital projects. Spring.

DIG 4323C CAH-SVAD 3(1,4) Modeling for Visual Language: PR: DIG 4461C or C.I. Application of techniques taught to model, rig, and prepare digital characters so that they may be animated effectively and express narrative in digital productions. Fall, Spring.

DIG 4325C CAH-SVAD 3(1,4) Look Modeling Workshop: PR: DIG 4780C and successful portfolio review, or C.I. Techniques, mechanisms of design, character design, animation, and visual development. Fall, Spring.

DIG 4326C CAH-SVAD 3(1,4) Geometrical Modeling Workshop: PR: DIG 4780C and successful portfolio review, or C.I. Techniques and mechanics of designing and manipulating geometrical representations of artificial characters and their environments; introduction to procedural models. Spring.

DIG 4354C CAH-SVAD 3(1,4) Advanced 3D Animation: PR: DIG 4323C, successful portfolio review, or C.I. Advanced tools, concepts and techniques developed in the previous 3D animation courses. Students apply techniques to 3D character animation. Spring.

DIG 4359C CAH-SVAD 3(1,4) Artificial Environments and Effects Workshop: PR: DIG 3555C and successful portfolio review, or C.I. Techniques and mechanics of artificial environments, with emphasis on composition, lighting, and realism. Fall.

DIG 4366C CAH-SVAD 3(1,4) Artificial Characters Workshop: PR: DIG 3362C and successful portfolio review, or C.I. Techniques and mechanics of character animation, with emphasis on attitude, personality and character expressions, and bringing characters to life. Spring.

DIG 4373C CAH-SVAD 3(1,4) 3D Textures: PR: DIG 4323C or C.I. Advanced application of lighting and surface attributes, improving on the tools, concepts, and techniques learned in previous 3D courses. Spring.

DIG 4394C CAH-SVAD 3(1,4) Motion Graphics: Advanced Compositing: PR: DIG 4395C, successful portfolio review, or C.I. Advanced techniques including 3D modeling, lighting, particles, and compositing to create motion graphics. Manage and navigate objects, images and other media in visual narratives, as pertaining to 3D Content. Spring.

DIG 4395C CAH-SVAD 3(0,3) Motion Capture for Performance: PR: MAC 1105C, and C.A.S. or TPA 2200C. Students learn creative skills, theory and technique of motion capture systems for live and recorded dramatic performance, augmented reality, training, and educational applications. Spring.

DIG 4434C CAH-SVAD 3(1,4) Narrative Techniques in the Moving Image: PR: DIG 4451C, successful portfolio review, or C.I. Advanced application of techniques in Visual Language employed in story production focusing on advancing a narrative and evoking emotion. Spring.

DIG 4451C CAH-SVAD 3(1,4) Visual Storytelling and Visual Development Workshop: PR: DIG 3433C and successful portfolio review, or C.I. Techniques, mechanisms of visual development with emphasis on strong visual designs which communicate effectively. Odd Spring.

DIG 4455 CAH-SVAD 3(3,0) Interactive Performance II: PR: DIG 3450C or C.I. Continuation of Interactive Performance I, with focus on the integration of actors, audience participation, technology, and story structure. Spring.

DIG 4486C CAH-SVAD 3(1,4) Visual Language of Moving Image II: PR: DIG 3433C, successful portfolio review, or C.I. Application of techniques taught to design, create, and refine visual development of characters, story reel, character design, and animation that expresses a narrative for digital production. Fall.

DIG 4503 CAH-SVAD 3(3,0) Rapid Application Web Development: PR: DIG 3134 and DIG 3716C. Asynchronous web development using server-side and client-side scripting techniques and database technologies. Spring.

DIG 4522 CAH-SVAD 3(3,0) Digital Media Service: PR: DIG 3035. Practicum in which students utilize their digital media skills to create media-rich products. May be used in the degree program a maximum of 4 times. Fall, Spring.

DIG 4526 CAH-SVAD 3(3,0) Digital Media Production II: PR: DIG 3525 and a minimum grade of "B" (3.0) or better in DIG 2000. Management and execution of large digital media projects, using structured methods and tools learned in Digital Media Production I. Fall, Spring.

DIG 4530C CAH-SVAD 3(2,2) Media for e-Commerce: PR: DIG 3134C and DIG 3716C. The applications of server-side internet programming languages and media theory to e-commerce, internet security, and online portals. Fall, Spring.

DIG 4624C CAH-SVAD 3(1,4) Digital Production in Artificial Environments: PR: DIG 4395C, successful portfolio review, or C.I. Application of techniques to continue building artificial environments, including effects and character expressions, directing lighting, continuity, movement, theme and mood to help express a narrative for digital production. Fall.

DIG 4630C CAH-SVAD 3(2,2) Media Business Practices: PR: DIG 3525. Media business practices for working with interactive web sites and other media interfaces; emphasis on success related to e-commerce and other forms of digital media. Fall, Spring.

DIG 4693C CAH-SVAD 3(2,2) Production Software Workshop: PR: DIG 3134C or C.I. Advanced programming techniques for a variety of web-based applications using ActionScript, including dynamic and input text, variables, physics, artificial intelligence, collision detection, user interaction, and animation. Spring.

DIG 4704 CAH-SVAD 3(3,0) Interactive Entertainment: PR: DIG 3525 or C.I. Ways to apply diverse skills of film making to digital media; non-linear story telling, virtual reality, video games and non-traditional education and military simulation. Fall, Spring.

DIG 4713 CAH-SVAD 3(3,0) Game Design: PR: DIG 3024 and DIG 3525. Principles and theories of video game design, including software, interaction, and game play design. Project based. Fall, Spring.

DIG 4715C CAH-SVAD 3(2,2) Game Production: PR: A minimum grade of "B" (3.0) in DIG 4713 and a satisfactory portfolio review. Principles and theories of video game production, including project planning, scripting, 3D modeling and testing, level design, and audio. Project based. Fall, Spring.

DIG 4720C CAH-SVAD 3(2,2) Casual Game Production: PR: DIG 2500C, a minimum grade of "B" (3.0) in DIG 4713, and a satisfactory portfolio review. Students will learn to design and implement casual video games using professional tools and iterative design techniques. Fall, Spring.

DIG 4725C CAH-SVAD 3(2,2) Game Design Workshop: PR: DIG 4715C, FL 3720C, a minimum grade of "B" (3.0) in DIG 4713, and a satisfactory portfolio review. Students will learn to design and implement video games using professional tools and iterative design techniques. May be used in the degree program a maximum of 4 times. Fall, Spring.


DIG 4855 CAH-SVAD 3(3,0) Converging Media Capstone: PR: GEB 3031 Cornerstone and 12 hours of elective credits within the Visual Arts and Emerging Media Management Team. Team based converging media projects leading to a capstone project that emphasizes creative thinking, prototyping development, marketing and assessment paralleling the business world. Even Fall, Even Spring. M&S fee $45.00.

DIG 5045C CAH-FIEA 3(1,3) Principles of Interactive Entertainment I: PR: Admission to Digital Media MS program or C.I. Interactive digital content creation technologies and development processes. Fall.

DIG 5046C CAH-FIEA 3(1,3) Principles of Interactive Entertainment II: PR: DIG 5045C or C.I. Advanced principles of interactive digital content creation technologies and development processes. Spring.

DIG 5137 CAH-SVAD 3(3,0) Information Architecture: PR: Film and digital media majors or C.I. Exploration of the process of formal design of interactive processes, examining the theories of usability and object oriented design. Fall.

DIG 5366 CAH-FIEA 3(3,0) Creating Interactive Characters: PR: Admission to Digital Media MS or C.I. Survey of issues related to creating interactive characters. Topics will range from modeling humans to reviewing realistic human capabilities. Graded S/U. Fall, Spring.

DIG 5487 CAH-SVAD 3(3,0) Principles of Visual Language: PR: Film and digital media majors or C.I. Overview of Visual Language, including the nature of perceptions and cognitions of imagery. Fall.

DIG 5529C CAH-FIEA 3(1,3) Production for Media: PR: Admission to Digital Media MS program or C.I. Techniques and practices of production processes for interactive entertainment. Fall.

DIG 5548C CAH-FIEA 3(1,3) Rapid Prototype Production I: PR: Admission to Digital Media MS or C.I. Students engage in interdisciplinary teams to create rapid development projects. Fall.

DIG 5549C CAH-FIEA 3(1,3) Rapid Prototype Production II: PR: DIG 5548C or C.I. Advanced rapid development projects. Fall.


DIG 5627 CAH-SVAD 3(3,0) Autonomous Characters: PR: Graduate status or C.I. Interdisciplinary study of autonomous characters-computer programs that mimic human behavior in games, simulations and interactive literature. Formal models of strategy, tactics and actions. Occasional.

DIG 5810 CAH-SVAD 3(3,0) Ways of Seeing: Cultural and Technological Perspectives: PR: Admission to Film and Digital Media master's program or C.I. Cultural and technological perspectives formed by the intersection of media and cultural studies, art history and criticism, and cinema studies. Fall.

DIG 5875C COS-PSYCH 3(2,2) Introduction to Modeling and Simulation: PR: STA 2023 or equivalent. Introduction to the theory and practice of modeling and simulation with emphasis on multidisciplinary scientific underpinnings. Fall.

DIG 5876 COS-PSYCH 3(3,0) Quantitative Aspects of Modeling and Simulation: PR: Graduate Standing or C.I. Introduction to matrix algebra and other discrete mathematics topics for modeling and simulation applications. Spring.

DIG 5950 CAH-SVAD 3(3,0) Interactive Entertainment Capstone: PR: Admission to Digital Media MS program or C.I. Advanced rapid development projects. Graded S/U. Fall, Spring.
DSC 4012 HPA-CJ 3(3.0)

Terrorism: PR: Sophomore Standing and ENC 1102. An examination of comparative strategies of a variety of social and political conflicts (both international and domestic) that give rise to terrorism and of the implications for the criminal justice system. Occasional.

DSC 4013 HPA-CJ 3(3.0)


EAB 3703C COS-PSYCH 4(3,2)

Principles of Behavior Modification: PR: PSY 2012. An examination of the control of behavior through applications of principles and theories of learning. Examples are drawn from clinical and social psychology and from child rearing. Fall.

EAB 3706C COS-PSYCH 4(3,2)

Behavior Modification - Part II: PR: EAB 3703C. Continuation of an examination of principles of behavior and their application, as well as ethical issues related to the delivery of behavior analysis programs. Occasional.

EAB 5765 COS-PSYCH 3(3.0)

Applied Behavior Analysis with Children and Youth: PR: DEP 5507 and EXP 5445, and graduate status. Prerequisite for C.1 Advanced study of principles, procedures, and techniques of applied behavior analysis, with special attention to applications with children and youth. Occasional.

EAS 3010 ECS-MECH/AERO 3(3.0)

Fundamentals of Aerospace Flight: PR: EGN 3321 and a "C" (2.0) or better in all of the following prerequisites: MAC 2311C, MAC 2312 and PHY 2048; CR: EGN 3343. Fundamental theories of inviscid, incompressible aerodynamics and flight phenomena, aircraft theory, external and internal flows, airplane performance. Fall.

EAS 3101 ECS-MECH/AERO 3(3.0)

Fundamentals of Aerodynamics: PR: EML 3701. Viscous, incompressible fluid flow; flow over finite wings; aerodynamic design; introduction to computational fluid dynamics. Spring.

EAS 3530 ECS-MECH/AERO 3(3.0)


EAS 3702 ECS-MECH/AERO 3(3.0)


EAS 3800C ECS-MECH/AERO 3(2.3)


EAS 3810C ECS-MECH/AERO 3(1.3)

Design of Aerospace Experiments: PR: EAS 3800C and EAS 3010 or EML 3701. Extension of EAS 3800C. Design of experiments in aeronautical/aerospace systems with emphasis on project team activity. Spring. M&S fee $45.00.

EAS 3990 ECS-MECH/AERO 0(0.0)

Aerospace Career and Academic Faculty Advising I: PR: MAP 2302. Mandatory meeting with students and their faculty advisor for career/academic advising. Graded S/U. Fall, Spring.

EAS 4105 ECS-MECH/AERO 3(3.0)

Graded S/U.

related work experience in a pre-approved sponsoring chair, ECO 3101, and ECO 3203. Supervised economics-
models.

Topics in Econometrics:
courses to economics problem and policies. Graded S/U.
to integrate and apply material learned in economics
3203, ECO 3411, Senior Standing, Economics Major.
Capstone in Economics:

cognitive, affective, and psychomotor performance in the
evaluation of Career & Technical Education.
Remote I, MAE 3311, MAE 3310, TSL 4080. CR: MAE 4326, RED 4942, SCE 3310. Student teaching assignment in an
educational setting in the economy. Graded S/U. Fall, Spring.
ECON 2023, and ECO 3401. The study of problems, theories, and
and their relationship to the level of economic activity and
Networking and Email in the Business Environment, and their
ECON 4300 A-ECOL 3(3,0)
ECON 3411 BA-ECOL 3(3,0)
ECON 3703 BA-ECOL 3(3,0)
International Microeconomics: PR: ECO 3101. Fundamental principles of Classical and Neoclassical international trade theories, as well as trade’s impact on global resource flows and the impact of trade on the developing world. Trade policy both in theory and practice is also examined. Fall.
ECON 3704 BA-ECOL 3(3,0)
ECON 4303 BA-ECOL 3(3,0)
ECON 4412 BA-ECOL 3(3,0)
ECON 4504 BA-ECOL 3(3,0)
ECON 4713 BA-ECOL 3(3,0)
International Macroeconomics: PR: ECO 3101 or ECO 3203 or ECO 3223. International macroeconomics with review and analysis of current international macroeconomics, financial issues, policies and events. Occasional.
ECON 4751 BA-ECOL 3(3,0)
Law and Economics: PR: ECO 2013 and 2023. Impact of law on economic behavior; how economic behavior changes with legal rules and penalties; and the economic logic underlying the law. Occasional.
ECON 4902 BA-ECOL 1(1,0)
Capstone in Economics: PR: ECO 3101, ECO 3203, ECO 3411, Senior Standing, Economics Major. Students use critical thinking and written communication to integrate and apply material learned in economics courses to economics problem and policies. Graded SU. Fall, Spring.
ECON 4934 BA-ECOL 3(3,0)
ECON 4941 BA-ECOL 3(3,0)
Economics Internship: PR: Consent of department chair, ECO 3101, and ECO 3203. Supervised economics-related work experience in a pre-approved sponsoring organization. See department for information/application. Graded SU. Fall, Spring.
ECON 5005 BA-ECOL 3(3,0)
ECON 5006 BA-ECOL 3(3,0)
Seminar on Current Economic Topices: PR: ECO 3101. Content may include, but is not limited to, the analysis of current economic issues and policy, and the study of current economic methods and theories. May be used in the degree program a maximum of 1 times. Occasional.
ECON 5302 BA-ECOL 3(3,0)
Labor Economics: PR: ECO 3101 or ECO 4703. The analysis of labor problems and issues in a dynamic contemporary economy through the interaction of the four major institutions; households, firms, government, and unions. Occasional.
ECON 5303 BA-ECOL 3(3,0)
ECON 5403 BA-ECOL 3(3,0)
Industrial Organization and Game Theory: PR: ECO 3101. A study of the performance of industries representative of various types of market structure and practices, as well as the public policies affecting these industries. Fall, Spring.
ECON 5450 BA-ECOL 3(3,0)
ECON 54703 BA-ECOL 3(3,0)
ECON 54013 BA-ECOL 3(3,0)
ECON 5362 BA-ECOL 3(3,0)
General Teaching Techniques for Career Education: PR: ECT 3365 or C.I. Integrating historical, cognitive, affective, and psychomotor performance in the technical environment. Spring.
ECON 5371 BA-ECOL 3(3,0)
Course Construction in Industrial Education: PR: ECT 3365 or C.I. Planning and preparing instructional materials, organizing and managing the Industrial Education laboratory, and involvement in VICA. Occasional.
Internship II (Elementary): PR: EDE 3942 Student teaching in an elementary school under the supervision of a certified teacher class. Scheduled concurrent seminars. Graded S/U. Occasional.

Internship II Seminar: PR: All required program courses; CR: EDE 4943 Internship II. Culminating seminar emphasizing current classroom management and assessment issues as they relate to teaching in the elementary grades. Fall, Spring.

Introduction to the Teaching Profession: A course including an orientation to education careers, ethics, and the historical, philosophical and sociological foundations of education. This course has a field component. Fall, Spring.

Introduction to Substitute Teaching: Social and legal factors related to PK-12 teaching, including social, safety, ethics, legal aspects, and roles and responsibilities of substitute teachers. Fall, Spring.

Introduction to Diversity for Educators: An introduction to cultural factors and their impact on education and life. Explores stereotyping, prejudice and changing classroom demographics. Includes directed field experience. Fall, Spring.

Child and Adolescent Development for Educators: Critical examination of developmental stages and characteristics of individuals from infancy through adolescence with application to learners in educational settings. Fall, Spring.

Classroom Management for Substitute Teachers: Instructional and classroom management strategies to optimize student learning and maximize the effectiveness of substitute teachers. Fall, Spring.

Education and Nation Building: American Historical Perspectives: An historical analysis of why education remains critical to nation building in the U.S. and elsewhere, including education’s impact on current policies and issues. Occasional.


Global Perspectives on Education: National systems of education from a global perspective and exposure to the global and international challenges facing educators in the new millennium. Fall.

Observing Child Growth and Development: PR: Admission to the program. Provides a comprehensive introduction to the principles and basic theories of child growth and development from pre-natal development through age eight. Fall, Odd Spring.

Professional Ethics in Education: Pedagogical knowledge, awareness of educational process and the analytical skills necessary for responsible public involvement in educational policy making. Fall, Spring.

Classroom Assessment & Evaluation Techniques: PR: Completion of Internship I or C.I. Classroom measurement skills in designing traditional and alternative assessments, using results for student evaluation and instructor performance, and interpretation of standardized test results. Fall, Spring.


Honors Learning Theory and Assessment: PR: EDF 2005, EDF 2085, EME 2040 or C.I. Application of learning theory and assessment principles to classroom teaching situations using a case study design, teacher work samples, and a theoretical instructional debate. Fifteen hour in-school experience required. Even Fall.

Analysis and Application of Ethical, Legal, and Safety Issues in Schools: PR: EDF 2005, EDF 2085, EME 2040 or C.I. Critical analysis of contemporary educational issues, including ethical, safety, legal, and linguistic considerations which directly impact schooling in a democracy. Fall, Spring.

Honors Analysis and Application of Ethical, Legal, and Safety Issues in Schools: PR: Consent of Honors. Critical analysis of contemporary educational issues, including ethical, safety, legal, cultural, and linguistic considerations which directly impact schooling in a democracy with Honors content. Fall.

Preparation and Administration of Classroom Instruction: PR: C.I. Study of strategies for instructional planning and classroom management that result in optimum learning. Occasional.

Language, Culture and Pedagogy: Impact and Implications: PR: C.I. Explores in-depth issues surrounding learning needs of students from linguistically and culturally diverse populations. Research on language, culture and pedagogy will be highlighted. Occasional.

Foundations of Leadership: PR: LEAD Scholars Program. Seminar for LEAD Scholars in the College of Education providing a foundation of leadership, scholarship, and service regarding disciplines in the college. Fall, Spring.

Teaching Strategies for Substitute Teachers: Planning, adapting and implementing effective instructional practices and assessing student performance in K-12 settings with diverse populations. Fall, Spring.

Teaching Strategies and Classroom Management: PR: EDF 2005, EDF 2085, EME 2040, or C.I. Instructional, organizational and classroom management strategies to create effective learning environments. Fifteen hour in-school experience required. Fall, Spring.

Directed Field Experience: PR: Approval of Professional Laboratory. Field experience in an appropriate educational setting under the direction of a supervising teacher and/or university supervisor. Occasional.

Service Learning: PR: PSY 2012 or C.I. Involvement with community agencies and/or schools to gain a new perspective about the central Florida community. May be repeated for credit. Fall, Spring.

International Education Field Experiences: PR: Junior standing or C.I. A guided field experience for students participating in a study abroad program. Students gain insights into global and local issues through educational and cultural experiences. Fall, Spring.

Instructional Coaching: PR: Graduate standing or C.I. This course will prepare educators to become instructional coaches, developing skills and methods to impact student achievement by influencing teachers’ instructional practices. Occasional.
UCF Courses and Descriptions


**EEC 4260** ED-TL&L  3(0,0)  Early Childhood Program Evaluation: PR: Admission into the Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528. Formal and informal evaluation techniques, methods and tools for implementing comprehensive evaluations of early childhood programs and policies and how they impact the program’s stakeholders. Fall.

**EEC 4268** ED-TL&L  3(0,0)  Curriculum Activities in Early Childhood: PR: Admission to Early Childhood Education Program. An integrated approach to curriculum planning and scheduling including materials, strategies, and environments for young children which emphasize active learning. Fall, Spring.

**EEC 4303** ED-TL&L  3(3,0)  Planning Creative Activities in Early Childhood Education: PR: Admission into Early Childhood Development and Education program or C.I. Instructional methods for teaching skills to young children in PK-3rd grade. Hands-on creative play activities involve dance, music, visual arts, science, math, and literature. Occasional.


**EEC 4402** ED-TL&L  3(3,0)  Cultural and Family Systems: Explores the institution of family in its cultural context as a living dynamic system. Occasional.

**EEC 4414** ED-TL&L  3(3,0)  Parent-Child Relations: PR: EEC 3700; EEC 4661; RED 3310; EEC 4751; LIN 3716; or C.I. Review of research on child-rearing and parent-child relationships using case studies to explore influences of personality, developmental stages, family structure, ethnic and cultural factors on parenting. Fall, Spring.

**EEC 4524** ED-TL&L  3(3,0)  Organization and Management in Early Childhood: PR: Admission into Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528. Instructional methods for teaching skills to young children in PK-3rd grade. Hands-on creative play activities involve dance, music, visual arts, science, math, and literature. Occasional.

**EEC 4528** ED-TL&L  3(3,0)  Infant/Toddler Care and Education: Provides the knowledge and skills that will enable the student to become a competent worker with very young children and their families. Occasional.


**EEC 4940** ED-TL&L  12(0,12)  Practicum: Early Childhood Developmental PR: Must have completed all course work. A fieldwork practicum experience linking developmental theory with practice to provide students with a supervised, hands-on experience working with children, parents, families, and/or agencies. Graded S/U. Fall, Spring.

**EEC 4942** ED-TL&L  9(0,9)  Practicum: Early Childhood Careers: PR: Admission into Early Childhood Development and Education Program (Track 3), EEC 4414, EEC 4260, EEC 4314, and EEC 4211. A fieldwork practicum experience linking developmental theory with practice to provide students with a supervised, hands-on experience working with children, parents, families, and/or agencies. Graded S/U. Spring.

**EEC 4943** ED-TL&L  12(0,12)  Student Teaching: Provides opportunities for student teachers to use the knowledge and skills acquired in a supervised public school setting. Graded S/U. Occasional.

**EEC 5025** ED-TL&L  3(3,0)  Programs and Trends in Early Childhood Education: PR: Regular Certificate or C.I. Philosophy, content, facilities, instructional materials, and activities appropriate for children ages 3 to 8 years; current research; issues and trends. Concurrent laboratory experiences. Occasional.

**EEC 5026** ED-TL&L  3(3,0)  Organization Instruction in Early Childhood Education: PR: Regular certificate or C.I. Organization in instruction relating to language arts, social sciences, mathematics, health and physical education, problems relating to reading readiness and cognitive (K-3). Concurrent laboratory experiences. Spring.

**EEC 5028** ED-TL&L  3(3,0)  Creative Activities in Early Childhood: PR: Regular certificate or C.I. Organization of instruction and methods for creative activities involving music, art, literature and educational toys, integration of activities, and basic skills curriculum (K-3). Concurrent laboratory experience. Even Fall.

**EEC 5745** ED-TL&L  3(3,0)  Child Life: Psychosocial Care of Children in Health Care Settings: PR: EEC 3700 or C.I. Course teaches Child Life theory and practice to students wanting to work with children, youth, and their families in hospitals and pediatric health settings. Odd Spring.

**EEE 3307C** ECS-ECE  4(3,3)  Electronics I: PR: EEL 3552C and STA 3032. Elements of probability theory, random variables, and signal model development for semiconductor diodes, BJTs, and MOSFETs. Random process analysis, numerical algorithm, and SPICE simulation are included. Spring.

**EEE 3350** ECS-ECE  3(3,0)  Semiconductor Material and Device Characterization: PR: EEE 3350 or C.I. Semiconductor material characterization, mobility, doping carrier lifetime, device properties, threshold voltage, interface charge of MOS devices, optical and surface characterization of films. Occasional.

**EEE 5332C** ECS-ECE  3(2,1)  Thin Film Technology: PR: EEE 3350 or equivalent. Presents the various thin film deposition techniques for the fabrication of microelectronic, semiconductor, and optical devices. Occasional. M&S fee $70.00.

**EEE 5352** ECS-ECE  3(3,0)  Semiconductor Device Modeling and Simulation: PR: EEE 3307C. Large signal and small signal model development for semiconductor diodes, BJTs, and MOSFETs. Parameter extraction, numerical algorithm, and SPICE simulation are included. Spring.

**EEE 5360** ECS-ECE  3(3,3)  Fabrication of Solid State Devices: PR: EEE 3350. Fabrication of microelectronic devices, processing technology, ion implantation and diffusion, device design, and layout. Laboratory includes device processing technology. Fall, Spring. M&S fee $70.00.


**EEE 5378** ECS-ECE  3(3,0)  CMOS Analog and Digital Circuit Design: PR: EEE 4309C. Advanced principles and design techniques for CMOS ICs including most recent published results. Fall.

**EEE 5390C** ECS-ECE  3(2,3)  Full-Custom VLSI Design: PR: EEE 3324C, EEE 3307C. Provides background in integrated devices, circuits, and digital subsystems needed for design and implementation of silicon logic chips. Occasional.


**EEE 5542** ECS-ECE  3(3,0)  Random Processes I: PR: EEL 3552C and STA 3032. Elements of probability theory, random variables, and stochastic processes. Fall, Spring.
EEE 5555 ECS-ECE 3(3,0)  
Surface Acoustic Wave Devices and Systems: PR: EEL 3525C. Course discusses SAW technology which includes the physical phenomenon, transducer design and synthesis, filter design and performance parameters. Actual devices and communication systems are presented. Occasional.

EEE 5557 ECS-ECE 3(3,0)  

EEE 3004C ECS-ECE 3(3,2)  
Honors Electrical Networks: PR: MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, PHY 2049C all with a "C" (2.0) or better grade. CR: MAP 2302. Analysis and design of linear circuits, transients, ac analysis, power calculations and three-phase circuits. Fall, Spring.

EEE 3041 ECS-ECE 3(3,0)  
Circuit Analysis: PR: PHY 2053C. Study of electrical networks. Circuit analysis techniques are presented, including DC and steady state analysis. Power calculations, source transformation, power distribution and dissipation are covered with examples relating to cables, connections, and buses. Not open to EE or CpE majors. Fall, Spring.

EEE 3123C ECS-ECE 4(3,3)  
Networks and Systems: PR: EEL 3004C, MAP 2302 with a "C" (2.0) or better grade. Network functions, Laplace transforms, frequency domain analysis using Fourier series and transforms, sampling theory and Z-transforms. Fall, Spring. M&S fee $15.00

EEE 3470 ECS-ECE 3(3,0)  

EEE 3531 ECS-ECE 3(3,0)  

EEE 3552C ECS-ECE 4(3,3)  

EEE 3657 ECS-ECE 3(3,0)  
Linear Control Systems: PR: EEL 3123C. Control theory, transfer function modeling, Nyquist criteria, root locus, Bode plots, and Design of lead and lag compensation. Fall, Spring.

EEE 3801C ECS-ECE 3(3,2)  

EEE 4050L ECS-ECE 10(3.0)  
EECS Integrated Laboratory: PR: EEL 3552C, EEL 3657, EEL 4750. Topics: Sampling, Digital FIR and IIR Filters, DSP processing of sound signals, transmitters and receivers based upon AM and FM, PID controller and feedback systems, and power conversion. Occasional.

EEE 4140C ECS-ECE 4(3,3)  
Analogue Filter Design: PR: EEL 3123C, Passive and active analogue filter design. Fall. M&S fee $15.00

EEE 4205 ECS-ECE 3(3,0)  

EEE 4216 ECS-ECE 3(3,0)  
Fundamentals of Electric Power Systems: PR: EEL 3004C or C. Three-phase power representations, analysis and analysis, transformers, per unit system, symmetrical components, faults, and transmission lines. Spring.

EEE 4436C ECS-ECE 4(3,3)  
Microwave Engineering: PR: EEL 3470. Transmission line theory, Smith charts, S-parameters, simple impedance matching circuits, wave-guide, microstrip, resonators, basic microwave measurements. May be repeated for credit. Fall. M&S fee $35.00

EEE 4440 ECS-ECE 3(3,0)  
Optical Engineering: PR: EEL 3470 or C. Lens systems, aberrations, sources, radiometry, detectors, physical optics, interferometric devices, applications to engineering design problems. Occasional.

EEE 4512C ECS-ECE 4(3,3)  

EEE 4515C ECS-ECE 4(3,3)  

EEE 4518 ECS-ECE 3(3,0)  
Satellite Communication: PR: EEL 3552C. The principles of satellite communications, including communications satellites, Earth stations, link analysis, FDMA and TDMA. May be repeated for credit. Fall.

EEE 4612C ECS-ECE 3(3,0)  

EEE 4623C ECS-ECE 3(3,0)  
Computer Control Systems: PR: EEL 3657. Discrete-time systems, the z-transform, and single loop computer control systems. Digital simulation in the analysis and design of processes with embedded computers. No graduate credit for both EEL 5630 and this course. Occasional.

EEE 4660 ECS-ECE 3(3,0)  
Robotic Systems: PR: EGN 4000C or EEL 4742C or COP 3503C. Team based development of a robotic system incorporating concepts such as sensing, computer vision, machine learning, localization, mapping, manipulation and locomotion. Spring.

EEE 4742C ECS-ECE 3(3,3)  
Embedded Systems: PR: EEL 3801C. Microcontroller systems, assembly language programming, data representation, memory and device interfacing, timing analysis, parallel and serial communication, timers, interrupts, signal interfacing considerations, and applications. Fall, Spring. M&S fee $15.00

EEE 4750 ECS-ECE 3(3,0)  

EEE 4768 ECS-ECE 3(3,0)  
Computer Architecture: PR: EEL 3801C or CDA 3103. Computer systems performance and evaluation, computer processor datapath and control, microprogrammed architectures, instruction and arithmetic pipelines, cache and virtual memory, and RISC vs. CISC. Fall, Spring.

EEE 4781 ECS-ECE 3(3,0)  

EEE 4783 ECS-ECE 3(3,0)  
Hardware Description Languages in Digital System Design: PR: EEL 3470C. Hardware description languages, simulation and synthesis of RTL circuits and systems, design examples and projects. Occasional.

EEE 4817H ECS-ECE 3(3,0)  
Honors Current Topics in Machine Learning Fall. Consent of Honors and EEL 4818H. Research topics in Machine Learning. Students will be assigned a research project and a faculty mentor who will supervise this project. Spring.

EEE 4818H ECS-ECE 3(3,0)  
Honors Current Topics in Machine Learning Fall. Consent of Honors and EEL 3801 or COP 3223 or STA 3032 or C.I. Machine Learning and Applications. ART Neural Networks, Genetic Algorithms, Decision Trees, Evolvable Hardware, Evolvable Neural Networks, and Reinforcement Learning. Fall.

EEE 4832 ECS-ECE 3(3,0)  

EEE 4851C ECS-ECE 4(3,3)  
Engineering Data Structures: PR: EEL 3801C. Design of data structures and algorithms, with emphasis on performance analysis, memory organization, stacks, queues, linked lists, trees, graphs, searches, and sorts. Introduction to object-oriented structures. Fall, Spring.

EEE 4872 ECS-ECE 3(3,0)  
Engineering Applications of Intelligent Systems: PR: EEL 3801C. Design of intelligent machines and systems. Data representation and reasoning, machine learning, knowledge representation, automated planning, introduction to machine learning and knowledge-based systems and philosophy of AI. Occasional.

EEE 4882 ECS-ECE 3(3,0)  
Engineering Systems Software: PR: EEL 3801C. Introduction to operating systems concepts and facilities for engineering applications, including multiprogramming, resource allocation and management, systems utilities, and operating system implementation. Fall, Spring.

EEE 4884C ECS-ECE 4(3,3)  
Engineering Software Design: PR: EEL 4851C. Software systems development life cycle, function and object-oriented methodologies. CASE, Analysis, design, and development of a large software project. Fall, Spring.

EEE 4890 ECS-ECE 3(3,0)  

EEE 4914 ECS-ECE 3(3,0)  
Senior Design I: PR: EEE 3801C. EEL 4742C, and consent of School of EECS. Applications of engineering design to realistic and meaningful problems. Constraints such as economic factors, safety, reliability, aesthetics, ethics, social impact and engineering organizations are considered. Fall, Spring.

EEE 4915L ECS-ECE 3(3,0)  
Senior Design II: PR: EEL 4914. Execution of electrical and computer engineering project including complete project design, review, construction, testing and demonstration. Emphasis on design, prototyping, cost, functionality, presentation, team effort and final report. Fall, Spring. M&S fee $15.00

EEE 5173 ECS-ECE 3(3,0)  
Linear Systems Theory: PR: EEL 3657. Models and properties of linear systems, transfer, controllability and observability, control and observer designs, MFD, and realizability theory. Spring.
EEL 5185 ECS-ECE 3(3,0) System Identification: PR: EEL 3657 or C.I. Dynamic systems, models of time-invariant linear, time-varying and nonlinear systems, nonparametric frequency and time-domain identification methods, kernel expansion techniques, parameter estimation methods, experiment design, and applications. Spring.

EEL 5245C ECS-ECE 3(2,1) Power Electronics: PR: ECE 4309C Principles of power electronics, power semiconductor devices, inverter topologies, switch-mode and resonant dc-to-dc converters, cyclo-converters, applications. Fall.

EEL 5432 ECS-ECE 3(3,0) Satellite Remote Sensing: PR: EEL 3470 or PHY 4324. Fundamentals of remote sensing, control and geometry, radiative transfer theory, microwave and infrared sensing techniques, ocean, ice and atmosphere geophysical measurements. Occasional.

EEL 5437C ECS-ECE 4(3,3) Microwave Engineering: PR: EEL 3470 or C.I. Transmission line theory, Smith charts, S-parameters, simple impedance matching circuits, wave guides, resonators, basic microwave measurements. Fall. M&S fee $38.91

EEL 5439C ECS-ECE 4(3,3) RF and Microwave Communications: PR: EEL 4425 or equivalent. RF and microwave active circuits, microstrip amplifier, oscillator, and mixer design and fabrication. Receiver design, noise, familiarization with network and spectrum analyzers. Spring. M&S fee $40.00

EEL 5462C ECS-ECE 3(1,1) Antenna Analysis and Design: PR: EEL 3470 or equivalent. Fundamentals of antennas; dipole, loops, arrays, apertures, and horns. Analysis and design of various antennas. Odd Fall.

EEL 5625 ECS-ECE 3(3,0) Applied Control Systems: PR: C.I. Designed to develop basic understanding of advanced control methods for nonlinear systems described by ordinary and partial differential equations and to expose recent results and ongoing research issues in the area of MEMS. Occasional.

EEL 5630 ECS-ECE 3(3,0) Digital Control Systems: PR: EEL 3657, Real-time digital control system analysis and design, Z-transforms, sampling and reconstruction, time and frequency response, stability analysis, digital controller design. Fall.

EEL 5669 ECS-ECE 3(3,0) Autonomous Robotic Systems: PR: EEL 3657 or C.I. Introduction to robotics, with emphasis on kinematics, dynamics, trajectory planning, regulation and tracking, formation control, and cooperative rules and behaviors of robotic vehicles. Odd Fall.

EEL 5690 ECS-ECE 3(3,0) Introduction to Medical Robotics and Tele-Operation: PR: EEL 3657 or Medical students in their second year or later. Medical robots for minimally invasive surgery, kinematics, constrained workspace and dexterity, haptics, tele-operation and network based control, basics of laparoscopic surgery. Occasional.

EEL 5704 ECS-ECE 3(3,0) Computer Aided Logical Design: PR: EEL 4742C. Design, analysis and synthesis of sequential logic circuits and systems. Data path and controller design using a hardware description language. Occasional.

EEL 5722C ECS-ECE 3(3,3) Field-Programmable Gate Array (FPGA) Design: PR: EEE 3342C or C.I. FPGA architectures, design flow, technology mapping, placement, routing, reconfigurable computing applications, and evolvable hardware. Even Fall.


EEL 5778 ECS-ECE 3(3,0) Wireless Networks: PR: EEL 4781 or C.I. The wireless networking topics include: cellular networks, multiple access protocols, channel assignment and resource allocation, mobility and location management, handoffs, routing, authentication, call admission control and QoS provisioning, network layer issues, wireless data networking (WAP, GSM, GPRS, CDMA, WCDMA), Even Spring.

EEL 5820 ECS-ECE 3(3,0) Image Processing: PR: MAP 2302, EEL 4750 or C.I. Two-dimensional signal processing techniques; pictorial image representation; spatial filtering, image enhancement and encoding; segmentation and feature extraction; introduction to image understanding techniques. Odd Spring.

EEL 5825 ECS-ECE 3(3,0) Pattern Recognition: PR: EEL 4750 or C.I. Preliminaries of pattern recognition, Bayesian Decision Theory, linear discriminant functions, Neural Network approaches, decision tree classifiers, unsupervised learning and clustering, non-parametric techniques, and other topics reflecting the state-of-the-art. Occasional.

EEL 5860 ECS-ECE 3(3,0) Software Requirements Engineering: PR: Graduate standing or C.I. Excellent oral and written communication skills. Excellent problem solving skills. In-depth study of software requirements engineering within a product centered framework. Methods for requirements elicitation, analysis, description, and validation. Formal and informal specification. Occasional.

EEL 5874 ECS-ECE 3(3,0) Expert Systems and Knowledge Engineering: PR: EEL 4672 or CAP 4630 C.I. Introduction to expert system design, implementation and interviewing techniques. This course is hands-on and project oriented. Spring.

EEL 5881 ECS-ECE 3(3,0) Software Engineering I: PR: COP 4313 or C.I. Design, implementation, and testing of computer software for engineering applications. Fall, Spring.

EEL 5936 ECS-ECE 0(1,0) Current Topics in ECECS: PR: Open to all ECE graduate students. Lectures presented by ECE and national lecturers will provide our students a broad view of the state of the art EE and CE fields. Graded S/U. Occasional.

EEX 4111C ECS-ECE 2(3,2) Biological Process Control: PR: ENV 3001 with a grade of "C" (2.0) or better. PR: ENV 4341. Engineering design, measurements and analysis of biological systems in environmental engineering and for water management, bio-energy products, wastewater treatment, and others. Spring. M&S fee $50.00

EEX 4202C ECS-ECE 4(3,3) Chemical Process Control: PR: CHM 2046 and ENV 3001 both with a grade of "C" (2.0) or better. Engineering design, measurements, and analysis of chemical systems in environmental engineering to control treatment processes such as softening, coagulation, disinfection, scrubbing, neutralization, and others. Fall. M&S fee $65.00

EEX 5318 ECS-ECE 3(3,0) Industrial Ecology: PR: ENV 3001, ENV 4341. Discussion of similarities between ecological systems and industrial systems with the emphasis on material cycles, energy flow, pollution prevention, organizational structures, and environmental management. Occasional.

EXX 2010 ED-CFCS 3(3,0) Introduction to Special Education: Orientation to the education of children and adolescents with special needs in the schools. The course includes characteristics, trends, mainstreaming, and other issues. Fall, Spring.

EXX 2090 ED-CFCS 3(3,0) Exceptional Populations in School and Society: Characterization of exceptionalities in school and society to increase student awareness and comfort levels with individuals with exceptionalities. Fall, Even Spring.

EXX 2758 ED-CFCS 2(2,0) Enhancing Family Involvement in Education: Development of partnerships with families of students with disabilities and their communities to address the educational needs of all students. Fall, Spring.

EXX 3221 ED-CFCS 3(3,0) Assessment of Exceptional Students: Formal and informal assessment techniques for screening, placement, program planning, program evaluation, and monitoring of progress of exceptional students. Fall, Spring.

EXX 3241 ED-CFCS 3(3,0) Methods for Academic Skills for Exceptional Students: PR: Admission to the CED or Admission to the ESE Minor. Teaching strategies, instructional materials, and monitoring techniques for children and adolescents with special needs. Must be taken before Internship I. Fall, Spring.

EXX 3243 ED-CFCS 3(3,1) Techniques for Exceptional Adolescents-Adults: CR: PR: Admission to the CED or Admission to the ESE Minor. A study of strategies, basic and functional content, career and vocational educational, and transition planning for adolescents and adults with special needs. Spring.

EXX 3450 ED-CFCS 3(3,0) Young Children With Special Needs: Provides an in-depth review of the unique needs of early childhood special education, its mission, and approaches to helping young children and their families. Spring.

EXX 3942 ED-CFCS 3(3,0) Internship I Exceptional Education: PR: EDG 4410, RED 4012, EEX 2010, EEX 3241, MAE 2801. Student teaching in exceptional education in both elementary and secondary school settings under the supervision of a certified classroom teacher. Graded S/U. Fall, Spring.

EXX 4054 ED-CFCS 2(2,0) Application and Theories for Students with Special Needs: PR: EEX 2341, RED 3241. Theoretical concepts, curriculum development and specialized strategies for students with special needs. Occasional.


EXX 4067 ED-CFCS 3(3,0) Intervention Strategies for Students with Special Needs: PR: EEX 2341, RED 3241. Theoretical concepts, curriculum development and specialized strategies for students with special needs. Occasional.

EXX 4070 ED-CFCS 3(3,0) Teaching Exceptional Students: PR: EDG 4410, RED 4012, EEX 3241, MAE 2801. Student teaching in exceptional education in both elementary and secondary school classrooms to use in working with mild disabilities. Fall, Spring.

EXX 4242 ED-CFCS 3(3,0) Teaching Exceptional Students in Secondary Settings: PR: EDF 2085. Instructional and management strategies for secondary general education teachers to use in working with students with disabilities. Fall, Spring.

EXX 4601 ED-CFCS 3(3,0) Introduction to Behavior Management: Study of management techniques based on applied behavioral analysis principles for modifying inappropriate behaviors and maintaining appropriate Behaviors of exceptional students. Fall, Spring.

EXX 4751 ED-CFCS 3(3,0) Parent Involvement in Education: This course prepares students to successfully interact with and involve parents in their child’s education. Occasional.

EXX 4753 ED-CFCS 3(3,0) Parent/professional Collaboration: The special educator’s role in working with families, regular educators, and other professionals in a collaborative relationship. Fall.

EXX 4757 ED-CFCS 3(3,0) Respite Care: PR: Junior Standing or C.I. General knowledge and best practice in the field of temporary care: the nature and needs of care and care recipients, including special populations. Occasional.
EEX 4763 ED-CFCS 3(3,0) Technology for Classroom Teachers of Students with Special Needs: PR: EEX 3241, RED 3012, LAE 4314, MAE 2801. Enhancing teacher preparation through the use of technology for students with special needs. Fall, Spring.

EEX 4943 ED-CFCS 12(0,35) Internship II: PR: Completion of specialization. Satisfaction of portfolio. Full day student teaching under a certified special education teacher in an elementary or secondary school. Graded S/U. May be repeated for credit. Occasional.

EEX 5051 ED-CFCS 3(3,0) Exceptional Children in the Schools: PR: Senior standing or C.I. Characteristics, definitions, educational problems, and appropriate educational programs for the exceptional children in schools. Fall.

EEX 5702 ED-CFCS 3(3,0) Planning Curriculum for Pre-Kindergarten Children with Disabilities: Focus on curriculum planning; developmentally appropriate practices and implementation of individualized instruction for pre-kindergarten children with disabilities. Spring.

EEX 5750 ED-CFCS 3(3,0) Communication with Parents and Agencies: Presentation of methods of interacting with community agencies, supporting and collaborating with families, developing a case management system, and facilitating program transition. Occasional.

EGN 3601 ECS-MECH/AERO 3(3,0) Solid Mechanics: PR: EGN 3310 and C (2.0) or better; CR: MAC 2311C, PHY 2048C both with grades of “C” (2.0) or better; and consent of Honors. Atomic bonding; lattices; phonons; crystal structure; phase transformations, phase diagrams, heat treatment, mechanical & electrical properties, materials characterization techniques. Fall, Spring.

EGN 3601L ECS-MECH/AERO 2(0,3) Solid Mechanics Lab: PR: EGN 3601. Solid Mechanics Laboratory experiments covering topics such as tension/compression testing, torsion testing, strain gage measurements, buckling testing, beam bending/deflection testing. Fall, Spring. M&S fee $45.00.

EGN 1007C ECS-ECS 1(1,2) Engineering Concepts and Methods: PR: EGN 1006C and New student status or C.I. Introduction to the use of computer and applications software in solving engineering problems. An introduction to the construction of engineering design through the use of teams: engineering communication; engineering professionalism and ethics. Spring.

EGN 2020C ECS-IEMS 2(1,1) LEAD Colloquium: C.I., LEAD Scholars Program. Must have completed at least two of the following with a grade of B or better, IDS 1040C, GEB 1091C, EGS 1006C, EDG 1050C or HSC 1911C. Provides experiential leadership experience in an appropriate leadership setting under the direction of a university supervisor with the LEAD Scholars Program. May be repeated for credit. Occasional.

EEX 3211 ECS-ECE 3(3,0) Engineering Analysis and Computation: PR: MAC 2312 with a “C” (2.0) or better. Engineering analysis and computation with structured constructs. Subscripted variables, functions, input/output. Applications in embedded system examples using numerical methods. Fall, Spring.

EEX 3210 ECS-ECE 3(3,0) Engineering Analysis-Statistics: PR: MAC 2311C; PHY 2048C both with a grade of “C” (2.0) or better; CR: MAC 2312. Fundamental concepts of mechanics, including results of force systems, free-body diagrams, equilibrium of rigid bodies, and analyses of structures. Fall, Spring.

EEX 3310H ECS-ECE 3(3,0) Honors Engineering Analysis-Statistics: PR: Permission of Honors and MAC 2311C, PHY 2048C both with grades of “C” (2.0) or better; CR: MAC 2312. Advanced treatment of material and fictional topics, including project work. With Honors content. Fall, Spring.

EEX 3321 ECS-MECH/AERO 3(3,0) Engineering Analysis-Dynamics: PR: EGN 3310; CR: MAC 2312C, an understanding of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum. Fall, Spring.

EEX 3321H ECS-MECH/AERO 3(3,0) Honors Engineering Analysis - Dynamics: PR: Permission of Honors and EGN 3310, CR: MAC 2313, Kinematics and kinetics of particles and rigid bodies; mass and acceleration; work and energy; impulse and momentum. Occasional.


EEX 3343H ECS-MECH/AERO 3(3,0) Honors Thermodynamics: PR: Honors status; CR: EGN 3310H or EGN 3321H or EML 3217H. Work, heat, and energy transformations. Relation of properties. Laws, concepts, and models of analysis common to all applications of thermodynamics in engineering. Honors content. Fall, Spring.

EEX 3358 ECS-MECH/AERO 3(3,0) Thermoluids-Fluids-Heat Transfer: PR: EGN 3310, MAP 2302. Introduction to first and second laws of thermodynamics, continuum fluid mechanics, and heat transfer for mechanical, industrial, and computer engineering majors. Fall, Spring.

EEX 3365 ECS-MECH/AERO 3(3,0) Structure and Properties of Materials: PR: (CHS 1440 or CHM 2045C) and MAC 2312 with grades of “C” (2.0) or better in both. Atomic structure and bonding, crystal structure and imperfections, solidification, phase transformations, phase diagrams, heat treatment, mechanical & electrical properties, materials characterization techniques. Fall, Spring.

EEX 3365H ECS-MECH/AERO 3(3,0) Honors Structure and Properties of Materials: PR: MAC 2312, and (CHS 1440 or CHM 2045C) with grades of “C” (2.0) or better in both; and consent of Honors. Atomic bonding; lattices; phonons; crystal structure; diffractions; electron diffraction and x-rays; equilibrium and non-equilibrium transformations kinetics; mechanical, thermal, electrical, optical, and magnetic properties. With Honors content. Fall, Spring.


EEX 3420 ECS-ECE 3(3,0) Engineering Analysis: PR: EEX 3211, and MAC 2312 with a “C” (2.0) or better. Engineering applications of numerical methods including curve fitting, root finding, interpolation, integration and plotting. Occasional.

EEX 3613 ECS-IEMS 2(2,0) Engineering Economic Analysis: PR: MAC 2311C with a grade of “C” (2.0) or better, not open to Industrial Engineering students. Economic evaluation of engineering alternatives and design. Time value of money and economic impact of taxes, risk, depreciation. Fall, Spring.

EEX 4060C ECS-ECS 3(3,0) Introduction to Robotics: PR: COP 3221 or EGN 3321 or COP 3142 or EEL 3670 or COP 3803 or EGN 3321 or EML 3217. Theory and application of robotics topics including: architecture, path planning, sensing and manipulation. Fall.

EEX 4641C ECS-ECS 3(2,2) Engineering Entrepreneurship: PR: Senior standing or CID 4152C. Introduction to aspects of a successful engineering entrepreneurship enterprise. Content includes lectures, case studies, and seminars. Active student participation. Course material is augmented through seminars given by engineers, business people, and specialists, based on their own experiences. Occasional.

EEX 4706C ECS-MECH/AERO 2(3,4) Small Satellite Payloads and Integration: PR: EML 3300C or EAS 3800C or EEL 3801C or ESI 4520C. Evaluate overall impact of integration and design concepts on various satellite component subsystems and their payloads into a small satellite system design leading to a final configuration. Occasional. M&S fee $45.00.

EEX 4931H ECS-ECS 3(3,0) Honors Engineering Seminar: PR: Permission of Honors and Senior standing. Introduces a select group of students in engineering or other fields of science to the methodology commonly employed in research. Students will complete an independent research project which will prepare them for graduate study. Occasional.

EEX 5540 ECS-MECH/AERO 3(3,0) Small Rocket Applications for Teachers: PR: Admission to Lockheed Martin UCF Teaching Academy. Earth and space environments, rocket propulsion, meteorological and environmental measurements, payload launch procedures, orbits and trajectories, safety, model rocket experiments, field trips, student science experiments. Occasional.

EES 1006C ECS-ECS 1(1,2) Introduction to the Engineering Profession: PR: New students status or C.I. Overview of academic and professional requirements in various engineering disciplines. Fall.

EES 1036C ECS-IEMS 2(1,1) Foundations of Leadership: PR: LEAD Scholars Program. Seminar for LEAD Scholars in the College of Engineering & Computer Science providing a foundation of leadership, scholarship, and service regarding disciplines in the college. Fall, Spring.

EES 3030 ECS-ECS 2(0,0) Leadership in Engineering I: PR: Junior standing in a C.E.S. major. Leadership roles for engineers are presented by prominent professionals in industry and government. Graded SU/Fail.

EES 3031 ECS-ECS 2(0,0) Leadership in Engineering II: PR: Junior standing in a C.E.S. major. Leadership roles for engineers are presented by prominent professionals in industry and government. Graded SU/Fail.

EES 4624 ECS-ECS 3(3,0) Energy and Society: Investigation of available energy forms; energy resources versus requirements in an increasingly complex technological society; possible solutions and future predictions. Occasional.

EES 4710 ECS-ECS 3(0,0) Energy and Society: Investigation of available energy forms; energy resources versus requirements in an increasingly complex technological society; possible solutions and future predictions. Occasional.

EES 4950 ECS-ECS 3(3,0) Engineering Leadership Capstone: PR: Enrolled in Engineering Leadership Minor or Certificate; CR: approved design course in Engineering or Computer Science Students will reflect upon and define their professional approach. Students will develop their professional portfolio, concept of operations, and individual strategic plan. Fall, Spring.
UCF Courses and Descriptions

EIN 2002 ECS-IEMS 1(1.0) Introduction to Industrial Engineering and Management Systems: PR: MAC 2311C with a grade of a "C" (2.0) or better and sophomore standing. This course is an introduction to the profession of Industrial Engineering and important skills necessary for success. Course includes presentations by local IE professionals. Fall.

EIN 3314 ECS-IEMS 3(3.0) Work Measurement and Design: PR: STA 3032 with a grade of a "C" (2.0) or better and C.I. Introduction to lean six sigma as applied to design and improvement of work systems in any organization. Various data collection and analysis methods utilized. Fall.

EIN 335 ECS-IEMS 3(3.0) Engineering Economic Analysis and Cost Engineering: PR: MAC 2311C with a grade of "C" (2.0) or better. Knowledge and understanding of economic evaluation of engineering and management alternatives, cost analysis, budgeting and estimating techniques. Spring.

EIN 3354 ECS-IEMS 3(3.0) Principles of Cost Engineering: PR: EGN 3613. This course is to provide engineers from all disciplines the background for the cost estimation of engineering systems throughout the product life cycle. Fall.

EIN 4191C ECS-IEMS 2(2.2) Engineering Leadership Seminar I: PR: Junior or better standing in engineering with C.I. Progressive engineering leadership development (interpersonal to interorganizational to professional to community) via a combination of experiential and practical experiences in engineering-specific corporate and community settings. Fall.

EIN 4192C ECS-IEMS 2(2.2) Engineering Leadership Seminar II: PR: EIN 4191C. Completion of EIN 4191C. Spring.


EIN 4243C ECS-IEMS 3(3.0) Human Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Min./machine systems; design and conduct of human engineering studies. Spring.

EIN 4333 ECS-IEMS 3(3.0) Production and Distribution Systems: PR: ESI 4312 with a grade of "C" (2.0) or better. Decision-making in manufacturing and logistics systems including forecasting, production planning, operations scheduling, deterministic and stochastic inventory control and project scheduling. Spring.

EIN 4364 ECS-IEMS 3(3.0) Facilities Planning: PR: EIN 3314 and EIN 3351 both with grades of "C" (2.0) or better. Planning and design of production systems including interrelationships between process layouts, material handling, warehousing and site selection. Spring.

EIN 4391C ECS-IEMS 3(3.0) Manufacturing Engineering: PR: Grade of "C" (2.0) or better in any of the following course options CHM 1440 or CHS 1440 (or CHM 2040 and CHS 2041); and Junior standing. Introduction to manufacturing engineering, with emphasis on current and emerging technologies in metalworking and electronics. Fall, Spring.

EIN 4517 ECS-IEMS 3(3.0) Systems Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Fundamental principles of systems engineering and their application to the development of industrial complex engineered systems. Spring.

EIN 4545 ECS-IEMS 3(3.0) Industrial Engineering Applications in The Service Industries: PR: ESI 4312 with a grade of "C" (2.0) or better. Applications of industrial engineering principles to improve the quality and productivity of service industries such as restaurants, banks, hotels, health care, etc. Fall.

EIN 4891C ECS-IEMS 4(2.4) Industrial Engineering Senior Design Project: PR: EIN 4304 and ESI 4523C both with grades of "C" (2.0) or better and department consent. Capstone design course; application of IEMS techniques to real-world design applications. Fall, Spring.

EIN 5108 ECS-IEMS 3(3.0) The Environment of Technical Organizations: PR: Graduate status or C.I. EGN 4294 recommended. Preparation and investigation into the principles required to transform technologists into managers focusing on engineers, scientists, and other professionals providing services in technically-oriented organizations. Fall.

EIN 511 ECS-IEMS 3(3.0) Manufacturing Management Systems I: PR: C.I. The design and implementation of computer-based Management Information Systems. Consideration is given to the organizational, managerial, and economic aspects of MIS. Spring.

EIN 5140 ECS-IEMS 3(3.0) Project Engineering: PR: Graduate standing and C.I. Role of engineer in project management with emphasis on project life cycle, quantitative and qualitative methods of cost, schedule, and performance control. Fall, Spring.

EIN 5248C ECS-IEMS 2(2) Ergonomics: PR: C.I. Applications of anthropometry, functional anatomy, biomechanics, and physiological musculoskeletal system concepts in the engineering design of industrial tools, equipment, and workstations. Fall.

EIN 5251 ECS-IEMS 3(3.0) Usability Engineering: PR: STA 3032 or equivalent. Usability paradigms/principles; cognitive walk-throughs, heuristic, review-based, model-based, empirical and storyboard evaluation; techniques; query techniques; laboratory techniques; and field study approaches. Spring.

EIN 5255C ECS-IEMS 3(2.2) Interactive Simulation: PR: Graduate standing or C.I. Introduction to significant topics related to the development and use of simulators for knowledge transfer in the technical environment. Fall.

EIN 5317 ECS-IEMS 3(3.0) Training System Design: PR: Seniors, post bac or graduate standing or C.I. How human performance deficiencies should be addressed from a systems design point of view. Manpower, personnel, and training considerations will be examined. Occasional.

EIN 5346 ECS-IEMS 3(3.0) Engineering Logistics: PR: STA 3350 or better. Study of the logistics life cycle involving planning, analysis and design, testing, production, distribution, and support. Occasional.


EIN 5392C ECS-IEMS 3(2.2) Manufacturing Systems Engineering: PR: EIN 4391C or C.I. The integration of manufacturing technologies and information processing concepts into a system for controlling the manufacturing enterprise. Occasional.


EMA 3000 ECS-MSE 3(3.0) Engineering Polymeric, Ceramic, and Composite Materials: PR: EGN 3655 or EMA 3706. Structure, properties, processing, engineering polymeric, ceramic, and composite materials. Occasional.

EMA 3012C ECS-MSE 3(2.2) Experimental Techniques in Mechanics and Materials: PR: EGN 3655, EGM 3601. Materials characterization (optical and scanning electron microscopy, x-ray diffraction), heat treatment, mechanical testing (hardness, tensile, impact, etc.). Fall, Spring. M&S fee $45.00

EMA 3124 ECS-MSE 3(3.0) Design and Selection of Materials: PR: EGM 3601, and EGN 3655 or EMA 3706. Relationship between processing, structure and properties of various engineering materials and their selection in engineering design. Fall.


EMA 3706 ECS-ME/CH/ER 3(3.0) Structure and Properties of Aerospace Materials: PR: (CHS 1440 or CHM 2045C) and MAC 2312 with a grade of C (2.0) or better and both Atomic structure, bonding, crystal structures, solidification, phase transformations, heat treatment, mechanical behavior, specific aerospace materials, materials design Fall, Spring.

EMA 4102 ECS-MSE 3(3.0) Thermodynamics and Kinetics of Materials: PR: EGN 3345, EGN 3655 or EMA 3706; and "C" (2.0) or better in all of the following; CHS 1440 or CHM 2045C, MAC 2311C, MAC 2312, MAC 2313, MAP 2302 and PHY 2048. Application of first, second and third laws of thermodynamics to materials, phase diagrams, statistical thermodynamics, kinetic processes in materials, diffusion, nucleation and growth, and phase transformations. Fall.


EMA 5003 ECS-MSE 3(3.0) Materials Characterization Techniques: PR: EMA 3355 and EGN 3655 or EMA 3706. Theory and practice of commonly used techniques for characterization of crystal structure, microstructure and chemistry. Occasional.

EMA 5006 ECS-MSE 3(3.0) Emerging Materials: PR: EGN 3655, or EMA 3706. Structure, properties and processing of modern emerging materials Occasional.

EMA 5060 ECS-MSE 3(3.0) Polymer Science and Engineering: PR: EGN 3655 Structure and properties of polymers, preparation and processing of polymers, mechanical properties, use in manufacturing and high tech applications. Occasional.


EMA 5108 ECS-MSE 3(3.0) Surface Science: PR: PHY 2048C and C.I. Methods of characterization and physical analysis of surfaces, with emphasis on ultraviolet and X-ray photoelectron spectroscopy, and techniques utilizing electron, ion and photon probes. Occasional.
Introduction to Ceramic Materials: PR: EGN 3365. Uses, transformations, chemical properties and processing of ceramic materials. Discussions will include recent developments for high technology applications. Occasional.


Electronic Principles of Materials Properties: PR: EGN 3365 or C.I. This course will cover electronic theory and band structure, electrical, optical, magnetic, and thermal properties of metals, semiconductors and insulators, including device examples. Fall.


Materials Science of Thin Films: PR: Graduate standing or C.I. Interaction of thin film processing techniques with the structure and properties of the materials deposited. Odd Fall.


Biocompatibility of Materials: PR: EGN 3365 or C.I. Designed to provide participants with an introduction to the field of educational technology content with emphasis on using and integrating technology in K-12 to improve the teaching and learning process. Fall, Spring.

Technologies of Instruction and Information Management: PR: Acceptance into Ed Media Program or C.I. Stressed in搞好ing instructional media and information technologies. Emphasis on new and emerging technologies and their effects on the school and media program. Fall, Spring.

Electronic Resources for Education: PR: Graduate standing or C.I. Stressed in locating, evaluating, and using electronic resources available for education including techniques for locating, evaluating, and integrating them into the classroom. Fall.

Media for Children and Young Adults: PR: Acceptance into Ed Media Program or C.I. Survey of media for children's and young adults' informational and recreational needs, analysis, evaluation, and utilization of print and non-print materials. Spring.

Teaching and Learning with Technology: Overview of technologies for teaching and for learning. Spring.


Modeling Methods in Mechanical and Aerospace Engineering: PR: C.I. (2.0) or better in all of the following prerequisites: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 and PHY 2048C. Fall, Spring.

Applied Thermodynamics, availability analysis, and computer-aided design and non-reactive thermodynamic relations of properties. Thermodynamic design analysis of complete mechanical systems. Fall.

Introduction to Applications of Technology in Education: Focus on applications of instructional media including computers. Occasional.

Applications of Technology in Education: Classroom applications of instructional media, including computers. Includes experiences with equipment, common and teacher-made media, and their uses. Occasional.

Fundamentals of Technology for Educators: PR: Post bac or C.I. Designed to provide participants with an introduction to the field of educational technology content with emphasis on using and integrating technology in K-12 to improve the teaching and learning process. Fall, Spring.

Technologies of Instruction and Information Management: PR: Acceptance into Ed Media Program or C.I. Stressed in gooding instructional media and information technologies. Emphasis on new and emerging technologies and their effects on the school and media program. Fall, Spring.


Overview of technologies for teaching and for learning. Spring.


Design and Analysis of Machine Components: PR: EGN 3434 and EGM 3601. Design for function and motion, in both mechanical and aerospace systems. Fall, Spring.

Mechanical Engineering Measurements: PR: EGN 3321 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 and PHY 2048C. Spring.

Fluid Mechanics I: PR: EML 3217, EGN 3343 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, and PHY 2048C. Fall.

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows. Spring.

Mechanical Career and Academic Faculty Advising: PR: MAP 2302. Mandatory meeting with students and their faculty advisor for career/academic advising. Graded S/U. Fall, Spring.


Mechanical Engineering Measurements: PR: EGN 3321 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 and PHY 2048C. Spring.

Fluid Mechanics I: PR: EML 3217, EGN 3343 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, and PHY 2048C. Spring.

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows. Spring.

Mechanical Career and Academic Faculty Advising: PR: MAP 2302. Mandatory meeting with students and their faculty advisor for career/academic advising. Graded S/U. Fall, Spring.


Mechanical Engineering Measurements: PR: EGN 3321 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 and PHY 2048C. Spring.

Fluid Mechanics I: PR: EML 3217, EGN 3343 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, and PHY 2048C. Spring.

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows. Spring.

Mechanical Career and Academic Faculty Advising: PR: MAP 2302. Mandatory meeting with students and their faculty advisor for career/academic advising. Graded S/U. Fall, Spring.


Mechanical Engineering Measurements: PR: EGN 3321 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 and PHY 2048C. Spring.

Fluid Mechanics I: PR: EML 3217, EGN 3343 and a “C” (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, and PHY 2048C. Spring.

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows. Spring.

Mechanical Career and Academic Faculty Advising: PR: MAP 2302. Mandatory meeting with students and their faculty advisor for career/academic advising. Graded S/U. Fall, Spring.

UCF Courses and Descriptions

EML 4221C ECS-MECHA/AERO 2(1,2) Mechanical Systems Experimental Techniques: PR: EML 3303C or EAS 3600C; CR: EML 4220 or EAS 4210. Provides a teaching/laboratory of dynamic vibration and modal analysis testing and theory using modern instrumentation and software tools to develop competence in designing and conducting tests, analyzing and interpreting engineering data. Occasional. M&S fee $35.00

EML 4225 ECS-MECHA/AERO 3(3,0) Introduction to Vibrations and Controls: PR: EML 3217, EGM 3601, EML 3304C, EGM 3373. Undamped and damped vibration analysis of mechanical systems with single and two degrees of freedom; forced vibration concepts; feedback controls; classical proportional, derivative, and integral (PID) feedback control systems and root locus. Fall, Spring.

EML 4231L ECS-MECHA/AERO 3(0,3) Advanced Mechanics of Structures: PR: EGM 3601. An in-depth analysis of the various modes of mechanical failure and characterization of structures with applications in MAE. Fall, Spring.

EML 4260 ECS-MECHA/AERO 3(3,0) Dynamics of Machinery: PR: EML 3052 or EML 3217, EML 4220 or EML 4225. Critical speeds and response of flexible rotor systems, whirl, gyroscopic effects, balancing of rotating and reciprocating masses; cam dynamics. Occasional.

EML 4264 ECS-MECHA/AERO 3(0,0) Vehicle Dynamics: PR: EML 3252 or EML 3217, EML 4220 or EML 4225. Basic mechanics governing vehicle dynamics, performance and handling; acceleration, braking, cornering, suspension, steering, rollover. Occasional.


EML 4301C ECS-MECHA/AERO 3(2,3) Mechanical Systems Lab: PR: EML 3303C, EGM 3601; CR: EML 4225. Teaching laboratory in solid mechanics, dynamic vibrations and control-feedback testing and theory; designing and conducting experiments; analyzing and interpreting data. Spring.

EML 4304C ECS-MECHA/AERO 2(1,3) Design of Thermo-Fluid Experiment: PR: EML 3303C; CR: EML 4142, EML 4220. Measurements and experiment on systems with emphasis on project team activity. Spring. M&S fee $45.00


EML 4309C ECS-MECHA/AERO 3(1,3) Experimental Mechanics: PR: EGM 3601, and EML 3303C or EAS 3800C. Experimental application of the principles of solid mechanics with treatment of manufacturing. Fall, Spring.

EML 4312C ECS-MECHA/AERO 3(2,3) Feedback Control: PR: EGM 3321, MAP 2302, EGN 3373 and EML 4220 or EAS 4210C. Mathematical modeling of dynamic systems: transient and steady state response; Root Locus and z-transform methods; discrete systems analysis; controller design. Fall.

EML 4313 ECS-MECHA/AERO 3(3,0) Intermediate System Dynamics and Controls: PR: EML 3217, MAP 2302, EGN 3373 and EML 4225. Free and forced vibration analysis of mechanical systems with multi degrees of freedom; normal modes and modal analysis; systems concepts, stability criteria, role of uncertainty in feedback and frequency domain control design. Fall.

EML 4411 ECS-MECHA/AERO 3(3,0) Mechanical Power Systems: PR: EML 3101. Analysis and design of large power generating systems and components, with emphasis on steam plants utilizing both chemical and nuclear fuels. Occasional.
and operation of fuel cells.

EML 5403 ECS-MECH/AERO 3(3,0) Science and Technology of Fuel Cells: PR: EGN 3410, EGN 4132. Fundamental knowledge along with hands-on experience with design, manufacturing and operation of fuel cells. Occasional.

EML 5430C ECS-MECH/AERO 3(2,3) Design for Manufacturing in Turbomachinery: Gas/Steam/Wind Turbines & Generators: PR: EGN 3365, EGM 3701 or EML 3706. Overall assembly of rotatable stationary components in power generation powerplants; probabilistic design, materials, coatings, manufacturing steps, defects for gas/steam/wind turbines and generators. Fall.

EML 5431C ECS-MECH/AERO 3(3,0) Design for Mechanical & Dynamic Integrity and Reliability in Turbomachinery: PR: EGM 3601, EML 4220 or EML 4225, EGN 3365 or EML 3706. Mechanical & dynamic integrity issues such as creep, fatigue, fracture, rotordynamics, vibration, flutter, as related to turbines and generators; reliability; cost-time-performance trade-offs in design. Spring.

EML 5456 ECS-MECH/AERO 3(0,3) Turbines for Sustainable Power: PR: EGM 3601, (EGM 3365 or EML 3706), (EML 3701) or EAS 3101, CREML 4142. Multidisciplinary aspects of turbine design for sustainable power generation including aerodynamics to combustion; reliability; robustness to reliability; covers advanced applications of conventional and green technology. Fall.

EML 5532C ECS-MECH/AERO 3(3,0) Computer-Aided Design for Manufacture: PR: EGN 4535C. Build on introductory material covered in EML 4535C. Topics include computer modeling for the synthesis, simulation, design and manufacture of mechanical, thermal, and aerospace systems. Occasional. M&S fee $15.00


EML 5587C ECS-MECH/AERO 3(2,3) Mechanics of Biotissues I: PR: Graduate standing or C.I. completion of a two semester course. Mechanical analysis of hard (bone) and soft (organs, connective tissues, etc.) biotissues and the analysis includes preparation and experimental testing for constitutive equations for predictive modeling. Occasional.

EML 5588C ECS-MECH/AERO 3(2,3) Mechanics of Biotissues II: PR: EML 5587C. Part II of a two semester course. Mechanical analysis of hard (bone) and soft (organs, connective tissues, etc.) biotissues and the analysis includes preparation and experimental testing for constitutive equations for predictive modeling. Occasional.


EML 5761C ECS-MECH/AERO 3(2,3) Applied and Computational Biofluids: PR: EML 4304C or EML 4310. Computer analysis of applied fluid mechanics and computational methods to the human circulation. In addition to case studies, the course provides laboratory experiences in bioengineering with application to biofluid mechanics. Odd Spring.


ENC 1101 CAH-WRITE 3(0,3) Composition I: Expository writing with emphasis on effective communication and critical thinking. Emphasizing the writing process writing topics are based on selected readings and on student experiences. The NC grading policy applies to this course. Fall, Spring.

ENC 1101H CAH-WRITE 3(0,3) Honors Freshman Composition I: PR: Score of 60+ on TSWE of SAT or C.I. and permission of Honors. Expository writing with emphasis on effective communication and critical thinking. Emphasizing the writing process writing topics are based on selected readings and on student experiences. The NC grading policy applies to this course. Honors-level, content. Fall, Spring.

ENC 1102 CAH-WRITE 3(0,3) Composition II: The essay with a grade of C- or better. Focus on extensive research in analytical and argumentative writing based on a variety of readings from the humanities. Emphasis on developing critical thinking and diversity of perspective. The NC grading policy applies to this course. Fall, Spring.

ENC 1102H CAH-WRITE 3(0,3) Honors Freshman Composition II: PR: ENC 1101H with a grade of "C" or better. Note on Freshman English Program: ENC 1101 and 1102 must be taken before enrolling in any English course numbered above 1102. The NC grading policy applies to this course. Fall, Spring.

ENC 1110 CAH-WRITE 3(0,3) Improving Colloquial English Writing: Entry-level writing course designed to prepare students to read and write effectively at the college level. Fall.

ENC 2127 CAH-WRITE 3(0,3) Grammar and Composition: A systematic study of grammar and mechanics to improve editing for clarity and accuracy in writing. Occasional.

ENC 2411C CAH-ENG 3(3,0) Digital Literacy for the Liberal Arts: Designed to help students better understand how computer technologies have shaped our culture and ourselves; to become critical consumers of technology; to acquire a critical sensitivity regarding the manner in which technology affects and is affected by texts. Occasional.

ENC 3211 CAH-ENG 3(0,3) Theory and Practice of Technical Writing: PR: Grade of C (2.0) or better required in ENC 1102, junior standing, or C.I. Writing effective correspondence, instructions, proposals, and informal and formal reports Fall, Spring.

ENC 3241H CAH-ENG 3(0,3) Writing for the Technical Professional: PR: Grade of C (2.0) or better in ENC 1102, junior standing, or C.I. Writing effective correspondence, instructions, proposals, and informal and formal reports Fall, Spring.

ENC 3241 CAH-ENG 3(3,0) Writing for the Technical Professional: PR: Grade of C (2.0) or better required in ENC 1102, junior standing, or C.I. Writing effective correspondence, instructions, proposals, and informal and formal reports Fall, Spring.

ENC 3250H CAH-ENG 3(3,0) Honors Professional Writing: PR: Consent of Honors. Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts. Fall, Spring.

ENC 3314H CAH-WRITE 3(0,3) Honors Rhetoric and Civic Engagement: PR: Consent of Honors. Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts. With Honors Content. Even Spring.

ENC 3331 CAH-WRITE 3(3,0) Rhetoric and Civic Engagement: PR: Grade of C (2.0) or better required in ENC 1102. Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts. Fall, Spring.

ENC 3331H CAH-WRITE 3(0,3) Honors Rhetoric and Civic Engagement: PR: Consent of Honors. Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts. With Honors Content. Even Spring.

ENC 3351 CAH-WRITE 3(3,0) Writing for Publication: PR: Grade of C (2.0) or better required in ENC 1102. Examines freelance markets, article genre, and the rhetorical skills needed to design and produce articles for specific audiences and publications, and editorial roles for publications. With Honors content. Occasional.

ENC 3351H CAH-WRITE 3(3,0) Honors Writing for Publication: PR: Grade of C (2.0) or better required in ENC 1102, and consent of Honors. Examines freelance markets, article genres, and rhetorical skills needed to design and produce articles for specific audiences and publications. With Honors Content. Fall, Spring.

ENC 3372 CAH-WRITE 3(3,0) Topics in Civic Rhetoric and Writing: PR: Grade of C (2.0) or better required in ENC 1102. In-depth study and application of a specific issue related to civic rhetoric and writing. With Honors Content. Occasional.

ENC 3373 CAH-WRITE 3(3,0) Cultural Rhetorics: PR: Grade of C (2.0) or better required in ENC 1102. Study of the diverse cultural production of and the cultural forces impacting the rhetoric of individuals and communities. Occasional.

ENC 3375 CAH-WRITE 3(3,0) Rhetoric in Popular Culture: PR: Grade of C (2.0) or better in ENC 1102 or C.I. Examines the nature and evolution of persuasive manipulation in popular culture, and the rhetorical work that affects and is affected by texts. Occasional.

ENC 3417 CAH-WRITE 3(3,0) Literacy and Technology: PR: Grade of C (2.0) or better required in ENC 1102. Study of technology impact on writing and literacy, focus on new media. Spring.
ENC 3433 CAH-WRITE 3(3,0) Multimedia Writing and Composition: PR: "C" (2.0) or better in ENC 1102 or C.I. Study and practice of multimedia writing (involving sound, visual, and linguistic forms) with an emphasis on the process of text production and remaking for different rhetorical contexts and audiences. Occasional.

ENC 3453 CAH-WRITE 3(3,0) Writing About Health and Medicine: PR: Grade of "C" (2.0) or better in ENC 1102 or C.I. Writing practices and genres of the health professions, with emphasis on writing about health and medicine for lay audiences. Occasional.

ENC 3454 CAH-WRITE 3(3,0) Topics in Professional and Digital Writing: PR: Grade of "C" (2.0) or better in ENC 1102. In-depth study and application of a specific issue related to professional and/or digital writing. Occasional.

ENC 3455 CAH-WRITE 3(3,0) Writing about Science and Technology: PR: Consent of Honors. Writing about scientific and technological research and developments for non-scientific audiences (including novices and policymakers). Occasional.

ENC 3455H CAH-WRITE 3(3,0) Honors Writing about Science and Technology: PR: Consent of Honors. Writing about scientific and technological research and issues for non-scientific audiences, including laypeople and policymakers. With Honors consent. Occasional.

ENC 3473 CAH-WRITE 3(3,0) Writing in Disciplines & Cultures: PR: Grade of "C" (2.0) or better required in ENC 1102. Project-based study of writing (including genres, conventions, and arguments) in disciplines across the university. Occasional.

ENC 3502 CAH-WRITE 3(3,0) Researching Writing and Literacy: PR: Grade of "C" (2.0) or better in ENC 1102. Overview of important knowledge domains and lines of inquiry in writing and literacy research, with emphasis on research methodologies. Occasional.

ENC 3503 CAH-WRITE 3(3,0) Topics in Writing & Literacy Studies: PR: Grade of "C" (2.0) or better required in ENC 1102. An in-depth study of and practice with a specific issue related to language theory and/or the teaching of writing. Occasional.

ENC 3521 CAH-WRITE 3(3,0) Writing Across Difference: PR: Grade of "C" (2.0) or better required in ENC 1102. Examines cultural influences on language and literacy practices, with emphasis on applications for writing teachers. Occasional.

ENC 3905 CAH-ENG 3(3,0) Directed experience in Writing: PR: Grade of C (2.0) or better required in ENC 1102 and C.I. Individualized topics of study and/or research in writing with personalized faculty direction. May be repeated for credit. Occasional.

ENC 3942 CAH-ENG 3(3,0) Journal Writing Practicum: PR: Grade of C (2.0) or better required in ENC 1102. An interdisciplinary practicum in journal writing as a literary genre and a means of self-expansion. Occasional.

ENC 4212 CAH-WRITE 3(3,0) Professional Editing: PR: Grade of "C" (2.0) or better required in ENC 1102. Students will perform different types and levels of editing on a range of print and online texts from business and non-profit contexts. Even Fall.

ENC 4215 CAH-ENG 3(3,0) Technical Publication and Project Management: PR: Grade of C (2.0) or better required in ENC 3211 or ENC 3341 or C.I. New publishing technology stressing composition and printing; word processing, automated text processing, methods of reproduction, Introduction of graphics, style, format, layout, and boardwork. Spring.

ENC 4218 CAH-ENG 3(3,0) The Visual in Technical Documentation: PR: Grade of C (2.0) or better required in ENC 4293. Relevant theories of the visual and their application to technical communication practice. Fall.

ENC 4262 CAH-ENG 3(3,0) International Technical Communication: PR: Grade of C (2.0) or better required in ENC 3211 or ENC 3241 or C.I. International issues in the field of technical communication including internationalizing documents, user interface design, international collaboration, and rhetorical and logistical challenges. Occasional.

ENC 4265 CAH-ENG 3(3,0) Writing for the Computer Industry: PR: Grade of C (2.0) or better in ENC 1102 and junior standing, or C.I. Creating different kinds of software manuals or online help systems for the computer industry. Occasional.

ENC 4275 CAH-ENG 3(3,0) Theory and Practice of Tutoring Writing: PR: Grade of "C" (2.0) or better in ENC 1102 and C.I. Theory and practice of assessing and responding to writing from the standpoint of a collaborator, as opposed to evaluator. Fall.

ENC 4280 CAH-ENG 3(3,0) Technical Writing Style: PR: Grade of C (2.0) or better required in ENC 3211 or ENC 3241 or C.I. Strategies for understanding and improving writing styles, particularly for a variety of technical writing genres. Spring.

ENC 4290 CAH-ENG 3(3,0) Usability Testing for Technical Communication: PR: Grade of "C" (2.0) or better required in ENC 3241 or C.I. Usability theory and techniques for evaluating manuals, online documentation, and other technical communication genres. Occasional.

ENC 4293 CAH-ENG 3(3,0) Documentation and the Collaborative Process: PR: Grade of C (2.0) or better required in ENC 3211 or ENC 3241. Development of a book-length project from idea to final published product. Examples may include style manuals, policies and procedures, and training manuals. Fall, Spring.

ENC 4294 CAH-ENG 3(3,0) Documentation and Client-Based Collaboration: PR: Grade of C (2.0) or better required in ENC 4293. Practical application of editing theory to large ongoing projects from the student’s particular field. Should be taken concurrently with ENC 4215. Fall, Spring.

ENC 4298 CAH-ENG 3(3,0) Technical Communication for the Virtual Workplace: PR: ENC 1102. Collaborative technologies used in the modern workplace and the challenges associated with virtual collaboration. Students will participate in a virtual team project. Fall, Spring.

ENC 4312 CAH-ENG 3(3,0) Theory & Practice Persuasive Writing: PR: Grade of C (2.0) or better required in ENC 1102. A study of the theory and practice of persuasion, including logical, emotional and ethical appeals. Occasional.

ENC 4313 CAH-ENG 3(3,0) Research Writing: PR: Grade of C (2.0) or better in ENC 1102, junior standing, and C.I. Writing correspondence, instructions, proposals, and informal and formal reports in various disciplines. Occasional.

ENC 4353 CAH-WRITE 3(3,0) Writing for Social Change: PR: Grade of "C" (2.0) or better in ENC 1102 or C.I. Study of how activist writing and other symbolic action can be used to mobilize social or policy change around contemporary controversial issues. Occasional.

ENC 4354 CAH-WRITE 3(3,0) Writing with Communities and Nonprofits: PR: Grade of "C" (2.0) or better required in ENC 1102. Study and practice of methods for writing in partnership with nonprofits and the communities they serve, with an emphasis on audience analysis and community engagement. Occasional.

ENC 4354H CAH-WRITE 3(3,0) Honors Writing with Communities and Nonprofits: PR: Grade of "C" (2.0) or better required in ENC 1102, and consent of Honors. Study, application, assessment, and presentation of community-based research and writing using various methods, including intercultural inquiry. With Honors content. Occasional.

ENC 4360 CAH-ENG 3(3,0) Nature Writing: PR: Grade of C (2.0) or better required in CRW 3013 and CRW 3053. English major or minor and junior standing, or C.I. Students will write essays that explore different approaches to writing about the natural world, and will discuss issues raised by such writing. Occasional.

ENC 4374 CAH-ENG 3(3,0) Gendered Rhetorics: PR: Grade of "C" (2.0) or better required in ENC 1102. Historical and theoretical study of gendered rhetorical practices, with emphasis on women rhetors. Occasional.

ENC 4378 CAH-ENG 3(3,0) Writing in Global and Transnational Contexts: PR: "C" (2.0) or better in ENC 1102 or C.I. Examination of the ways in which language and rhetoric travel across cultures and countries, with practice strategies for transnational communication with local and global audiences. Occasional.

ENC 4379 CAH-ENG 3(3,0) Writing and Rhetoric Capstone: PR: Junior standing; ENC 3331, ENC 3505, and ENG 3836; or CR or CR: ENC 4494, ENC 3473, or ENC 4275. Pracatingly a required course for students majoring in Writing and Rhetoric. Students reflect on disciplinary identity, possible career trajectories, and transferrable strategies for writing in their lives. Spring.

ENC 4414 CAH-ENG 3(3,0) Writing and Hypertext: PR: Grade of C (2.0) or better required in ENC 3211 or ENC 3241. Theories of electronic literacy and information to develop a more critical sensibility regarding hypertext. Occasional.

ENC 4415 CAH-ENG 3(3,0) Digital Rhetorics and The Modern Dialectic: PR: Grade of "C" (2.0) or better required in ENC 1102. Address the development of digital rhetorics appearing in online environments through close reading and analysis of formative rhetorical texts, fiction, and internet materials. Fall, Spring.

ENC 4416 CAH-WRITE 3(3,0) Writing in Digital Environments: PR: Grade of "C" (2.0) or better required in ENC 1102. Study and practice of new media/Internet writing and publishing, covering a range of online and multimedia genres. Occasional.

ENC 4416H CAH-WRITE 3(3,0) Honors Writing in Digital Environments: PR: Consent of Honors. Critical and rhetorical engagement with digital writing and networked systems, including a range of online media and genres. With Honors consent. Occasional.

ENC 4434 CAH-WRITE 3(3,0) Visual and Material Rhetorics: PR: "C" (2.0) or better in ENC 1102 or C.I. Study of visual and material textual elements within different historical and contemporary rhetorical practices and performances. Students will use a variety of compositional materials to produce texts. Occasional.

ENC 4504 CAH-BASE 3(3,0) Contemporary Composition Theory: PR: Grade of "C" (2.0) or better required in ENC 1102. Considers major theoretical paradigms and more emergent theoretical explorations in modern and contemporary composition studies. Occasional.
ENC 4523 CAH-WRITE 3(3,0)
Writing and Identity: PR: Grade of "C" (2.0) or better required in ENC 1102. Explores the role of identity in writing, particularly negotiating gender, race, class, sexual identity, and other difference issues. Occasional.

ENC 4544 CAH-WRITE 3(3,0)
Writing Pedagogy: PR: Grade of "C" (2.0) or better required in ENC 1102. Overview of pedagogical issues and strategies related to the teaching of writing, with focus on college-level writing. Occasional.

ENC 4944 CAH-WRITE 3(3,0)
Writing Internship: PR: Junior standing and ENC 3331 and ENG 3836. Training and practice in professional and/or civic writing through approved internship with business or organization; involves reporting and reflecting on experience. Fall, Spring.

ENC 5225 CAH-ENG 3(3,0)
Theory and Practice of Document Usability: PR: Graduate status or senior standing or C.I. Presents theory and practice of how document usability is assessed and improved. Occasional.

ENC 5237 CAH-WRITE 3(3,0)
Writing for the Business Professional: PR: Graduate status or senior standing or C.I. A study of the major document designs for professionals in business, focus on audience, purpose, style, arrangements, and content. Fall, Spring.

ENC 5276 CAH-WRITE 3(3,0)
Theory and Practice of Tutoring Writing: PR: Admission to the M.A. in Rhetoric and Composition program, graduate standing or C.I. The theory and practice of assisting students in improving their writing. Fall.

ENC 5337 CAH-ENG 3(3,0)
Rhetorical Theory: PR: Graduate standing or C.I. Overview of theory and history of classical and modern rhetorical theory and rhetorical instruction. Fall.

ENC 5705 CAH-WRITE 3(2,1)
Theory and Practice in Composition: PR: Graduate status or senior standing or C.I. Intensive study of theories of composition, with practical experience in the writing laboratory and in composition classes. Spring.

ENC 5745 CAH-WRITE 3(3,0)
Teaching Practicum: PR: ENC 5705, graduate status or senior standing, or C.I. To supplement and deepen theoretical and practical experiences during their first teaching semester, GTA's will participate in staff development and individual conferences with their mentors. Occasional.

ENC 5915 CAH-WRITE 3(3,0)
Current Topics in Professional Writing: PR: Graduate status or C.I. Students will learn how to produce texts for specialized fields of discourse, including the medical and legal profession, as well as for general publication. Occasional.

ENG 3010 CAH-ENG 3(3,0)
Practical Criticism: PR: Grade of C (2.0) or better required in ENC 1102. Student evaluation of selected fiction, poetry, and drama through practical exercises in literary criticism. Occasional.

ENG 3014 CAH-ENG 3(3,0)
Theories and Techniques of Literature Study: PR: Junior standing, or C.I., and C (2.0) or better required in ENC 1102. Techniques of analysis, theories of interpretation, and application of critical approaches to selected works. Fall, Spring.

ENG 3073 CAH-ENG 3(3,0)
Cultural Studies Literature: PR: Grade of C (2.0) or better required in ENC 1102. The theoretical and cultural developments over time that call for broadening the applications of literary analysis to produce "cultural studies." Occasional.

ENG 3612 CAH-ENG 3(3,0)
Trends in Literary, Cultural, and Textual Studies: PR: Grade of "C" (2.0) or better in ENC 1102. Literary analysis of textual production within contemporary social trends and new technologies. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.

ENG 3817 CAH-ENG 3(3,0)
Digital Archives: PR: Grade of "C" (2.0) or better in ENC 1102 or C.I. Examines "debates" in the digital humanities and prepares students to work with the creation, management, and preservation of digital archives content. Occasional.

ENG 3833 CAH-WRITE 3(3,0)
Marketing Your Writing: PR: "C" (2.0) or better in ENC 1102 or C.I. Exploration of writing markets and publishing opportunities therein, the submission process, and author marketing and negotiation strategies. Spring.

ENG 3836 CAH-WRITE 3(3,0)
Professional Lives and Literacy Practices: PR: "C" (2.0) or better in ENC 1102 Study of technology-assisted professional writing and literacy practices around knowledge management work in organizations and communities. Fall, Spring.

ENG 4114 CAH-ENG 3(3,0)
Literature and Film: PR: Grade of C (2.0) or better required in ENG 3014. The differences in emphasis, medium, and technique in selected novels and their film adaptations. Occasional.

ENG 4614 CAH-ENG 3(3,0)

ENG 5009 CAH-ENG 3(3,0)
Methods of Bibliography and Research: PR: Graduate status or senior standing or C.I. Bibliographical, library and systematic approaches to research at the graduate level in language and literature. Fall.

ENG 6012 CAH-ENG 3(3,0)
English Literature I: PR: Grade of C (2.0) or better required in ENC 1102. Beowulf to 1798. Fall, Spring.

ENG 6022 CAH-ENG 3(3,0)
English Literature II: PR: Grade of C (2.0) or better required in ENC 1102. From 1798 to 1914. Fall, Spring.

ENG 6222 CAH-ENG 3(3,0)
Renaissance Women in Literature: PR: Grade of "C" (2.0) or better in ENC 1102 or C.I. Literature by and about women in the Renaissance. Occasional.

ENG 6231 CAH-ENG 3(3,0)
Restoration Literature: PR: Grade of "C" or better in ENC 1102. Study of the Restoration period (1660-1700) and the social, historical, and political contexts. Occasional.

ENG 6296 CAH-ENG 3(3,0)
Gothic Literature: PR: Grade of "C" or better required in ENC 1102. A study of Gothic literature (prose, poetry, drama) in the British Isles and its cultural contexts. Occasional.

ENG 6296H CAH-ENG 3(3,0)

ENG 6365 CAH-ENG 3(3,0)
Black British Literature: PR: Grade of "C" (2.0) or better required in ENC 1102. Study of literature written outside the UK by authors of African, South Asian, and Caribbean lineage. Occasional.

ENG 4101 CAH-ENG 3(3,0)
English Novel: PR: Grade of C (2.0) or better required in ENG 3014. Analysis of major English novelists. Occasional.

ENG 4220 CAH-ENG 3(3,0)
English Renaissance Poetry and Prose: PR: "C" (2.0) or better required in ENC 1102. Course will examine selected poetry and prose of Wyatt, Sprenger, Marlowe, Raleigh, Daniel, Shakespeare, Chapman, Lyly & others. Occasional.

ENG 4230 CAH-ENG 3(3,0)
18th Century Studies: PR: Grade of C (2.0) or better required in ENG 3014. Reading, analysis, and discussion of literature in English: 1660-1880. May be repeated for credit. Occasional.

ENG 4240 CAH-ENG 3(3,0)
English Romantic Writers: PR: Grade of C (2.0) or better required in ENG 3014. Study of English poets and essayists of the romantic period, such as Wordsworth, Coleridge, Hazlitt, Lamb, Byron, Shelley and Keats. Occasional.

ENG 4253 CAH-ENG 3(3,0)
The Victorian Age: PR: Grade of "C" (2.0) or better required in ENG 3014 or C.I. Study of the Victorian age (1837-1901) covering fiction, poetry, and nonfiction prose. Occasional.

ENG 4262 CAH-ENG 3(3,0)
Nineteenth Century British Prose: PR: Grade of C (2.0) or better required in ENG 3014. Essays and fiction of the nineteenth century. Occasional.

ENG 4273 CAH-ENG 3(3,0)
Modern British Literature: PR: Grade of C (2.0) or better required in ENG 3014. Major writers of modern British literature. Occasional.

ENG 4303 CAH-ENG 3(3,0)
British Authors: PR: ENG 3014. Study of the works of a single British author. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.

ENG 4311 CAH-ENG 3(3,0)
Chaucer: PR: Grade of C (2.0) or better required in ENG 3014. The Canterbury Tales, Troilus and Criseyde, and other works. Occasional.

ENG 4333 CAH-ENG 3(3,0)
Shakespeare Studies: PR: Grade of C (2.0) or better required in ENG 3014. Reading, analysis, and discussion of Shakespeare’s plays. May be repeated for credit. Occasional.

ENG 4341 CAH-ENG 3(3,0)
Milton and His Age: PR: Grade of C (2.0) or better required in ENG 3014. Paradise Lost, Paradise Regained, Samson Agonistes, shorter poems and selected prose. Occasional.

ENV 3001 ECS-CECE 3(3,0)
Introduction to Environmental Engineering: PR: A grade of "C" (2.0) or better in MAC 2312 and in CHM 2045C or CHS 1440 or CHM 2041. Introduction to concepts and terminology of environmental engineering. Stress- strain- material and energy balances. Covers air, water and land pollution. Occasional.

ENV 4120 ECS-CECE 3(3,0)
Air Pollution Control: PR: EGN 3431, CWR 3201 and ENV 3001 all with a grade of "C" (2.0) or better. Air pollution engineering including air resources management, engineering design, and operation of air pollution control systems. Fall.

ENV 4122C ECS-CECE 3(2,2)
Air Pollution Control Design: PR: ENV 4120 with a grade of "C" (2.0) or better and department consent. Project course on design of air pollution control equipment and systems. Spring.

ENV 4300C ECS-CECE 3(2,2)
Solid Waste Facility Design: PR: ENV 4341 with a grade of "C" (2.0) or better and department consent. Project course on design of a municipal solid waste landfill. Occasional.
UCF Courses and Descriptions

ENV 4341 ECS-CECE  3(3,0)
Solid & Hazardous Waste Management: PR: ENV 3001 with a grade of "C" (2.0) or better. Engineering design, planning, and analysis problems associated with storage, collection, processing, and disposal of solid and hazardous wastes. Fall.

ENV 4433C ECS-CECE  3(2,2)
Environmental Engineering Wastewater Design: PR: EES 4111C, ENV 4531 both with grades of "C" (2.0) or better and department consent. Project course in advanced municipal and industrial wastewater treatment design with emphasis on teamwork to complete the design process. Occasional.

ENV 4531 ECS-CECE  3(3,0)
Environmental Engineering Operations & Processes I: PR: ENV 3001, CWR 3021 both with a minimum grade of "C" (2.0) or better. Water and wastewater treatment design considerations with efficient and sludge handling, transport, and disposal. Fall, Spring.

ENV 4561 ECS-CECE  3(3,0)
Environmental Engineering Operations & Processes II: PR: ENV 4531 with a grade of "C" (2.0) or better. Advanced water and wastewater treatment including biological nutrient removal and desalination. Fall, Spring.

ENV 4562C ECS-CECE  3(2,2)
Environmental Engineering Water Treatment Design: TECH: EES 4202C and ENV 4531 both with grades of "C" (2.0) or better and department consent. Application of systems design criteria in the specification and design of a full scale potable water treatment plant. Spring. M&S fee $43.00

ENV 5356 ECS-CECE  4(4,0)
Solid and Hazardous Waste Management: PR: Grade of "C" (2.0) or better in ENV 3001. Engineering design, planning, and analysis problems associated with storage, collection, processing, and disposal of solid and hazardous wastes. Fall.

ENV 5410 ECS-CECE  3(3,0)
Water Treatment: PR: EES 4202C or ENV 5517 or C.I. Potable water regulations, standards, chemical reactors, oxidation, disinfection, disinfection by-products, ultraviolet irradiation. Internal corrosion and microbial control in municipal and industrial water distribution systems. Odd Spring.

ENV 5505 ECS-CECE  3(3,0)

ENV 5517 ECS-CECE  3(3,0)
Engineering Chemical and Biological Processes I: CR: ENV 4531 (or equiv.) or EIS 4513 (or equiv.) or ESI 4312. Coverage of equilibrium/aqueous chemistry, softening and coagulation, and disinfection of water. Microbiology and biochemistry as applied to activated sludge system design. Fall.

ENV 5636 ECS-CECE  3(3,0)
Environmental and Water Resources Systems Analysis: PR: ENV 3001 or C.I. Discussion of environmental and water resources systems with the emphasis on cost-effectiveness, pollution prevention, and sustainability to aid in environmental engineering decision-making. Occasional.

ENV 4004C COS-BIOL  4(2,6)
General Entomology: PR: A "C" (2.0) or better in both BSC 2000C and BSC 2011C, or C.I. Biology of insects: identification, taxonomy, physiology, behavior, and ecology. Occasional. M&S fee $15.00

ENV 5006C COS-BIOL  4(2,6)

EPD 4395 ED-CFCS  3(3,0)
Physical and Sociological Implications of Handicapping Conditions: Overview of physical and sociological factors which may contribute to delayed learning or physical impairments among the exceptional populations. Physical interventions and first-aid practices are examined. Occasional.

ESE 3940 ED-TL&L  3-16(0,3-16)

ESE 4942 ED-TL&L  1(1,0)
Internship II Seminar: PR: Internship I in the specific discipline. C.I. Culminating seminar emphasizing current classroom management and assessment issues, as they relate to teaching in the secondary grades. Fall, Spring.

ESE 4943 ED-TL&L  7-12(0,35)

ESE 5214 ED-TL&L  3(3,0)

ESI 4221 ECS-IMES  3(3,0)
Empirical Methods for Industrial Engineering: PR: STA 3032 or Grade of "C" (2.0) or better. Application of empirical methods for industrial engineering problem solving. Fall.

ESI 4234 ECS-IMES  3(3,0)
Quality Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Basic concepts and techniques of quality control; applications of statistics in industrial research; design of quality assurance systems; reliability engineering. Fall.

ESE 4312 ECS-IMES  3(3,0)
Operations Research: PR: STA 3032 and MAS 3105 with grades of "C" (2.0) or better in both. Introduction to linear, non-linear, and dynamic programming. Decision analysis, random processes, and queuing. Course covers theory through application and implementation of results. Fall.

ESE 4523C ECS-IMES  3(2,2)
Systems Simulation I: PR: ESI 4312 with a grade of "C" (2.0) or better. Methods and procedures for simulating large-scale systems with digital computers. High level simulation languages are used. Spring.

ESE 4628C ECS-IMES  3(2,2)
Industrial Engineering Applications of Computers: CR: STA 3032 with a grade of "C" (2.0) or better. Survey of computer methods in industrial engineering practice. Topics include: spreadsheets, databases, expert systems, and project management. Lab exercises. Fall.

ESE 5219 ECS-IMES  3(3,0)
Engineering Statistics: PR: C.I. Discrete and continuous probability distributions, hypothesis testing, regression, nonparametric stats and ANOVA. Fall, Spring.

ESE 5227 ECS-IMES  3(3,0)
Total Quality Improvement: PR: STA 3032 or equivalent. Quality improvement (QI) tools and techniques, advanced QI techniques, quality improvement systems, total quality management concepts and implementation, planning and management tools, and case studies. Occasional.

ESE 5236 ECS-IMES  3(3,0)
Reliability Engineering: PR: ESI 4243 or equivalent, or C.I. Reliability theory and modeling approaches. Topics include: failure data analysis, maintainability, reliability standards (DO), software reliability, reliability in design, and electronic systems reliability. Fall.

EES 5306 ECS-IMES  3(3,0)
Operations Research: PR: STA 3032. Methods of operations research, including formulation for models and derivation of solutions; linear programming, network models, queueing theory, simulation, and nonlinear optimization techniques. Fall.

EIS 5359 ECS-IMES  3(3,0)
Risk Assessment and Management: PR: ESI 5219 or STA 3032. Problems and complexities involved in risk assessment and management. Selected methodologies are illustrated through realistic applications in engineering and the sciences. Occasional.

ESE 5419C ECS-IMES  3(2,2)
Engineering Applications of Linear and Nonlinear Optimization: PR: ESI 4312 or ESI 5306. Course covers linear and nonlinear optimization applications in production planning, staffing, engineering design, distribution networks, and other engineering areas. Focus on practicing or analyses. Occasional.

ESE 555 ECS-IMES  3(3,0)
Discrete Systems Simulation: PR: STA 3032. Methods for performing discrete systems simulation, including network modeling, will be treated. Spring.

ETI 3116 ECS-EC M  3(3,0)

ETI 3671 ECS-EC M  3(3,0)

ETI 4186 ECS-EC M  3(3,0)
Applied Reliability: PR: ETI 3116. Practical application of reliability concepts and analysis applicable to the design, production and logistics phases of systems and system components. Odd Spring.

ETI 4448 ECS-EC M  3(3,0)
Applied Project Management: PR: Junior Standing. Statement of work, activity decisions, timelines, scheduling, and resource allocation methods. Techniques will be appropriate for large and small projects within commercial, academic, or non-profit organizations. Fall.

ETI 4635 ECS-EC M  3(3,0)
Technical Administration: PR: Junior Standing. Management functions of planning, organizing, motivating, and controlling, production, sales, and service. Fall, Spring.

ETI 4640 ECS-EC M  3(3,0)
Operations Management for Technologists: PR: STA 4335. Scheduling techniques (PERT, CPM), are presented. Time Study Methods, Work Sampling and MTM are covered. Fall.

EUA 2000 CAH-HIST  3(3,0)
Western Civilization I: A survey of western civilization from ancient to 1648. Fall, Spring.

EUA 2000H CAH-HIST  3(3,0)

EUA 2001 CAH-HIST  3(3,0)
Western Civilization II: A survey of western civilization from 1648 to present. May be taken before EUH 2000. Fall, Spring.

EUA 2001H CAH-HIST  3(3,0)

EUA 3122 CAH-HIST  3(3,0)
The phenomenon of crusading in medieval Europe and militarism; religious decline; Realpolitik, racism, imperialism, and conservation; liberalism, romanticism, republicanism and 2001 or C.I. Napoleon and nationalism; new ideas; Romanticism and Realism:

EUH 3235 CAH-HIST 3(3,0)

Renaissance and Reformation:
EUH 3142 CAH-HIST 3(3,0)

The Crusades:
EUH 3124 CAH-HIST 3(3,0)

that formed religious life and shaped society and culture in the mixture of superstition, paganism, heresies, Jewish Sorcerers, Saints and Heretics: Religion in History of Modern Italy:
EUH 3431 CAH-HIST 3(3,0)

Ancient Rome:
EUH 3411 CAH-HIST 3(3,0)

Central Europe; Western reconstruction, and prosperity. War; de-Stalinization of Russia; Sovietization of East PR: EUH 2000 and 2001 or C.I. Origins of World War II; Second World War and Rebirth of Europe:
EUH 3281 CAH-HIST 3(3,0)

PR: EUH 2000 or C.I. Examines the changing situation of women in Europe from Early Modern Ireland:
EUH 3538 CAH-HIST 3(3,0)

EUH 3538 CAH-HIST 3(3,0)

EUH 3651 CAH-HIST 3(3,0)

EUH 4620 CAH-HIST 3(3,0)

Reign of the Russian tsars; Russian history between 1917 and 1991. May be used in the degree program a maximum of 3 times only when course content is different. Occasional.
EUH 4426 CAH-HIST 3(3,0)

EUH 4424 CAH-HIST 3(3,0)

EUH 4465 CAH-HIST 3(3,0)

Hitler's Third Reich: PR: EUH 2000 and 2001 or C.I. German nationalism and militarism; World War I and Versailles Treaty; the Weimar Republic and the rise of the Nazis; Second World War, division and recovery. Occasional.
EUH 4500 CAH-HIST 3(3,0)

EUH 4501 CAH-HIST 3(3,0)

EUH 4502 CAH-HIST 3(3,0)

EUH 4571 CAH-HIST 3(3,0)

History of Russia to 1801: PR: EUH 2000 and 2001 or C.I. Greek, Roman and Jewish societies and their impact on modern society. Occasional.
EUH 4466 CAH-HIST 3(3,0)

EUH 4505 CAH-HIST 3(3,0)

EUH 4574 CAH-HIST 3(3,0)

History of Russia: 1801-1817: PR: EUH 2000 and 2001 or C.I. Alexander I; Napoleonic Invasion, Revolutionary Movement, Russian Policy toward Central Asia and China; Great Reforms; Russo-Japanese War; Revolution of 1905; Constitutional Period; Triple Entente. Occasional.
EUH 4576 CAH-HIST 3(3,0)

EUH 4582 CAH-HIST 3(3,0)

20th Century Russian Diplomatic History: PR: C.I. Russian diplomatic history from the signing of the Entente Cordiale to the aftermath of the Cold War. Occasional.
EUH 4610 CAH-HIST 3(3,0)

Women in European Society: From Medieval to Modern: PR: Junior standing or C.I. This course examines the changing situation of women in Europe from the Middle Ages to the twentieth century. Occasional.
EUH 4610H CAH-HIST 3(3,0)

EUH 4610H CAH-HIST 3(3,0)

Honors Women in European Society: PR: GEP Honors completion or permission of Honors. Interdisciplinary approach to the changing situation of women in Europe across space and over time with honors-level content. Occasional.
EUH 4620 CAH-HIST 3(3,0)

European Great Powers: 1815-1914: PR: EUH 2000 and 2001 or C.I. Congress of Vienna, Metternich's system Crimean War, unifications of Italy & Germany, the Bismarckian era, the alliance systems, and the outbreak of World War I. Occasional.
EUH 4621 CAH-HIST 3(3,0)

History of Communism in Europe: PR: EUH 2000 and 2001 or C.I. History of communist movements and regimes in Europe from mid-19th century to the fall of the Berlin Wall. The course focuses on the history of communism outside of Russia and opposition to the communist regimes. Occasional.
EUH 4663 CAH-HIST 3(3,0)

EUH 4674H CAH-HIST 3(3,0)

Honors Sports & Society in the Ancient World: PR: GEP Honors completion or permission of Honors. Interdisciplinary approach to comparing the original Games and other ancient athletic spectacles with their modern counterparts with honors-level content. Occasional.
EUH 4674 CAH-HIST 3(3,0)

EUH 5247 CAH-HIST 3(3,0)

Colloquium in Europe from 1919-1939: PR: Graduate status or senior standing or C.I. Reading and class discussion of the literature on selected topics in European history between 1919 and 1939. Occasional.
EUH 5285 CAH-HIST 3(3,0)

Colloquium in Europe Since World II: PR: Graduate status or senior standing or C.I. Reading and class discussion of the literature on selected topics in European history since WW II. Occasional.
EUH 5414 CAH-HIST 3(3,0)

Rome and Early Christianity: PR: Graduate standing or C.I. Current trends in historical literature in Christianity from its development as a distinct religion to its relations with and eventual "triumph" within the Roman Empire. Occasional.
EUH 5419 CAH-HIST 3(3,0)

Colloquium in Roman History: PR: Graduate standing or C.I. Readings in selected topics in the history of Ancient Rome. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.
EUH 5459 CAH-HIST 3(3,0)

Colloquium in French History: PR: Graduate standing, or C.I. Readings in selected topics in French History. May be used in the degree program a maximum of 3 times. Occasional.
EUH 5546 CAH-HIST 3(3,0)

Colloquium: British History: PR: Graduate status or senior standing or C.I. Selected topics in British history. There is no standard syllabus because content is different with each offering. May be repeated for credit only when course content is different. Occasional.
EUH 5579 CAH-HIST 3(3,0)

Colloquium in Soviet Russia: PR: Graduate status or senior standing or C.I. Reading and class discussion of the literature on selected topics in Russian history, 1911-present. Occasional.
EUH 5595 CAH-HIST 3(3,0)

Colloquium in Czarist Russia: PR: Graduate status or senior standing or C.I. Selected topics on the literature of Ancient Rome. May be used in the degree program a maximum of 3 times only when course content is different. Occasional.
EUH 5595 CAH-HIST 3(3,0)

Colloquium in Medieval Europe: PR: Graduate standing or C.I. Readings in selected topics in the history of medieval Europe. May be used in the degree program a maximum of 3 times only when course content is different. Occasional.
EUH 5925 CAH-HIST 3(3,0)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 2107</td>
<td>CAH-SVAD 3(3,0) Script Analysis: PR: or CR: ENC 1101 and FIL 1007. Introduction to dramatic and visual storytelling techniques used in both traditional and non-traditional filmmaking and screenwriting. Fall, Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 2423</td>
<td>CAH-SVAD 3(3,0) Foundations of Production: PR: Digital Media or Cinema Studies major, or Cinema Studies minor. Basic production techniques used in film making. Students must supply their own video equipment and editing equipment. Any format is acceptable. Fall, Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 2461</td>
<td>CAH-SVAD 3(3,0) Cinematography I: PR: FIL 2552 and FIL 2480. Concepts and tools of cinematography and lighting. Fall, S&amp;S fee $5.00.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 2480</td>
<td>CAH-SVAD 3(3,0) Directing for Film I: PR: FIL 1007, FIL 1008, and FIL 3427C. PR or CR: FIL 3115. Introduction to processes and techniques for film directing. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 2481</td>
<td>CAH-SVAD 3(3,0) Directing the Actor for Film I: PR: Film BFA or World Cinema major. Developing an ability to direct and work with film actors effectively, using various acting and directing techniques. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 2552</td>
<td>CAH-SVAD 3(3,0) Editing I: PR: FIL 1008 and FIL 3427C. PR or CR: FIL 3115. Basic editing concepts and techniques, using non-linear editing systems. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3006</td>
<td>CAH-SVAD 3(3,0) Art of the Cinema: PR: FIL 2030. An analysis of basic elements of cinematic style including film direction, editing, cinematography, art direction and sound. Fall, Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3025C</td>
<td>CAH-SVAD 3(3,1) Film Histories II: PR: FIL 2030. Surveys and questions historical approaches to film and seeks to open up the field of historical enquiry to a variety of views. Fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3036</td>
<td>CAH-SVAD 3(3,0) Film History I: PR: FIL 2030, FIL 2107 and Film BFA, World Cinema, or Cinema Studies major. Examines film history in a depth of detail and with rigor that is appropriate for majors in the subject. This course covers cinema history from 1895 to 1945. Fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3037</td>
<td>CAH-SVAD 3(3,0) Film History II: PR: FIL 2030, FIL 2107 and Film BFA, World Cinema, or Cinema Studies major. Film History in a depth of detail and with rigor that is appropriate for majors in the subject. This course covers from 1946 to the present. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3041</td>
<td>CAH-SVAD 3(3,0) History of Animated Films I: PR: Cinema Studies, Art, Animation or Digital Media major. Examining animation from its roots in art, Theatre, and Novelty Inventions to its rise as a cinematic force of popular storytelling. Even Fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3070C</td>
<td>CAH-SVAD 3(3,1) Cinema in the 20s: PR: FIL 3035C. Films of the 1920s as they pertain to the political, social, cultural, and artistic context of the period. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3071C</td>
<td>CAH-SVAD 3(3,1) Cinema in the 1930s: PR: FIL 3035C. Films of the 1930s as they pertain to the political, social, cultural, and artistic context of the period. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3072C</td>
<td>CAH-SVAD 3(3,1) Cinema in the 1940s and 1950s: PR: FIL 3035C. Films of the 1940s and 1950s as they pertain to the political, social, cultural, and artistic context of the period. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3073C</td>
<td>CAH-SVAD 3(3,1) Cinema in the 1960s and 1970s: PR: FIL 3035C. Films of the 1960s and 1970s as they relate to the political, social, cultural, and artistic context of the period. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3074C</td>
<td>CAH-SVAD 3(3,1) Cinema 1980s to the Present: PR: FIL 3035C. Films from the 1980s and onward as they pertain to the political, social, cultural, and artistic context of the period. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3075C</td>
<td>CAH-SVAD 3(3,1) Film and Modernism I: PR: FIL 3035C and ARH 2050. Relation of film to artistic modernism centered on key common practices such as collage, projection, movement, connection, superimposition, and simultaneity. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3076C</td>
<td>CAH-SVAD 3(3,1) Film and Modernism II: PR: FIL 3035C and ARH 2051. A continuation of Film and Modernism I. This course concentrates on specific instances of interaction between film and the other arts such as music, painting, photography, theatre, and video. Fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3102</td>
<td>CAH-SVAD 3(3,0) Writing for Film and TV: PR: Junior standing, ENC 1102, and FIL 1007. Theories and processes of screen writing for motion pictures and television. Students learn how to create stories and scripts for the entertainment marketplace. Fall, Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3115</td>
<td>CAH-SVAD 3(3,0) Short Script I: PR: FIL 2107 and Film BFA or Cinema Studies major, or C.I. Rudiments of writing the short script. Analysis of script models and examination of differences between long and short forms. Writing scripts for workshops. Fall, Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3132</td>
<td>CAH-SVAD 3(3,0) Short Script II: PR: FIL 3115 and Film BFA or World Cinema major, or C.I. Advanced writing of short scripts in preparation for Capstone 1 and 2 courses. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3304C</td>
<td>CAH-SVAD 3(1,3) Documentary Vision: PR: FIL 3363C. Styles and approaches to documentary filmmaking, with emphasis on making short, personal films. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3307</td>
<td>CAH-SVAD 3(3,0) Dociodrama: PR: FIL 2107 and Film BFA, World Cinema, or Cinema Studies major, or C.I. Techniques to dramatize real-life events and persons, with emphasis on representation, adaptation and ethics. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3363C</td>
<td>CAH-SVAD 3(3,1) Film Documentary: PR: FIL 2030 and Film BFA or Cinema Studies major. The uses and analysis of the non-fiction film. Fall, Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3379C</td>
<td>CAH-SVAD 3(3,6) Advanced Documentary Production: PR: FIL 3363C and FIL 3465, or C.I. Processes and principles of advanced documentary production to capture on-going reality based situations. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3379C</td>
<td>CAH-SVAD 3(3,6) Honors Advanced Documentary Workshop: PR: ENC 1102H and Consent of Honors or C.I. Public history research and documentary production. Student-produced multimedia projects centered on local partnerships that explore the public history of Central Florida. With Honors content. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3427C</td>
<td>CAH-SVAD 3(2,4) Introduction to Film Production: PR: or CR: FIL 2107 and Film BFA or World Cinema major. Introduction to production utilizing film equipment. Basic technical and aesthetic aspects of production. Fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3455C</td>
<td>CAH-SVAD 3(2,4) Film Landscapes: Story, Image and Production Design: PR: FIL 2423 or FIL 3427C, and FIL 2030. The use of landscape in film and its importance to the art of production design. Occasional.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3462C</td>
<td>CAH-SVAD 3(3,1) Cinematic Expression: PR: FIL 3363C. Cinematography using video format; study of fundamentals of motion picture communication, film structure and storytelling. Spring.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIL 3483</td>
<td>CAH-SVAD 3(3,0) Directing the Actor for Film II: PR: FIL 2481. Characterization and scene study as it applies to directing the actor for film. Occasional.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FIL 3492C CAH-SVAD 3(3,1) Performance in Film: PR: FIL 3035C. Study of the different traditions and forms of acting in film. Occasional.

FIL 3534 CAH-SVAD 3(3,0) Sound Design for Film I: PR: FIL 3427C and Film BFA or C.I. Technical and aesthetic aspects of production and post-production sound recording, editing, and mixing for film. Fall.

FIL 3720C CAH-SVAD 3(2,4) Introduction to Animation: PR: DIG 3951 and declared Character Animation specialization, or ART 3950 and declared Experimental Animation specialization, or a minimum grade of "B" (3.0) in DIG 4713 and declared Game Design specialization. Introductory computer graphic techniques utilizing microcomputer systems. Techniques include basic paint systems, color cycling and 2D animation. Fall, Spring.

FIL 3734C CAH-SVAD 3(2,4) Intermediate Animation: PR: Experimental Animation and Character Animation majors only, FIL 3720C, and DIG 4780C, and successful portfolio review or C.I. Focus on 3D computer modeling and animation systems. Hands-on exercise on the type of high-end animation systems used in the film industry. May be repeated for credit. Fall, Spring.

FIL 3803C CAH-SVAD 3(3,1) Film Theory and Criticism I: PR: FIL 2107 and Film BFA, World Cinema, or Cinema Studies major. Major film theories to the second world War Period. Fall.

FIL 3804C CAH-SVAD 3(3,1) Film Theory and Criticism II: PR: FIL 2107 and Film BFA or Cinema Studies major. Major film theories from second World War period to present. Spring.

FIL 3812C CAH-SVAD 3(3,1) Film Theories and Practices: PR: PHI 2010 Concentration on the film theories of film-makers in relation to their own work and to the cinema generally. Spring.

FIL 3820 CAH-LANG 3(3,0) Italian Film: This course attempts to stimulate and/or increase the interest of students in Italian cinema as an art form with the director playing the key role. Films by most outstanding Italian movie directors will be analyzed from a social, economic, and historical point of view. Occasional.

FIL 3822 CAH-LANG 3(3,0) French Film: The study of French cinema as an art form and the key role of the director. Films are analyzed from structural, social, economical, and historical perspectives with attention to their relationship with French literature. Taught in English. Occasional.

FIL 3823 CAH-LANG 3(3,0) German Film: PR: C.I. Exploration of the form and context of German film during different time periods in relation to other aspects of culture and to sociopolitical structures at the time. Occasional.

FIL 3824 CAH-SVAD 3(3,0) Italian Neo-Realist Cinema: PR: FIL 3036 or FIL 3037, or C.I. Post-World War II period of the Italian cinema, with emphasis on the work of Antonioni, Visconti, Pasolini, Fellini, and Rossellini. Occasional.

FIL 3826 CAH-SVAD 3(3,0) American Cinema: PR: Film BFA, World Cinema, or Cinema Studies major, or Cinema Studies minor. Lecture, films and forums designed to provide awareness of styles, images, and myths in cinema that influence or reflect our culture. Spring.


FIL 3841 CAH-SVAD 3(3,0) French New Wave Cinema: PR: FIL 3036 or FIL 3037, or C.I. Post-World War II period of the French cinema. Emphasis on Combattant, Bresson, Godard, Rohmer, Resnais, and Rivette. Occasional.

FIL 3842 CAH-SVAD 3(3,0) International Cinema: PR: or CR: FIL 3036 or FIL 3037, and Film BFA or Cinema Studies major, Post-World War II period of the international cinema, with emphasis on the cinemas of Europe and Asia. Occasional.

FIL 3845 CAH-SVAD 3(3,0) World Cinema Traditions: PR: or CR: FIL 3036 or FIL 3037 and Film BFA, World Cinema, or Cinema Studies major. The relationship among film, history, and culture in selected Asian, African, Latin American, and Middle Eastern countries. Fall, Spring.

FIL 3847 CAH-SVAD 3(3,0) Latin American Cinema: PR: or CR: FIL 3036 or FIL 3037 and Film BFA, World Cinema, or Cinema Studies major. Latin American films and film movements, historical and contemporary issues, social, and aesthetic concerns. Spring.

FIL 3850 CAH-SVAD 3(3,0) Cinema Directors: PR: FIL 3803C and Film BFA, World Cinema, or Cinema Studies major. Critical and historical analysis of the work of selected film-makers using multiple modes of criticism and author analysis to examine films. Occasional.

FIL 3852 CAH-SVAD 3(3,0) Cinema Criticism Writing: PR: FIL 3036 or FIL 3037 and ENC 1102, FIL 2103, FIL 3030. Modes of cinema criticism. Occasional.

FIL 3860C CAH-SVAD 3(3,1) The Shot, Framing, Point of View: PR: FIL 3035C. Approaches to the shot, framing and point of view. Occasional.


FIL 3862C CAH-SVAD 3(3,1) Narrative Structures in Film: PR: LIT 2110 and LIT 2120. Different structures of narrative in film and the ways in which narrative structures have been theorized and understood. Fall.


FIL 3870 CAH-SVAD 3(3,0) The American Film Artist: PR: FIL 2030. Analysis of a major filmmaker's style, vision and work; how these evolved and their impact on film and the culture. May be repeated for credit. Fall. M$ fee $5.00

FIL 3876C CAH-SVAD 3(3,1) Experimental Cinema I: PR: FIL 3075C. A notion of cinema as an expansion possibilities organized around formal, material, and conceptual aspects of film. Fall, Spring.

FIL 3877C CAH-SVAD 3(3,1) Experimental Cinema II: PR: FIL 3876C. Concentration on specific aesthetic strategies of experimental film including those derived from the work of artists outside of the film related to treatments of reality and the perception of light. Spring.

FIL 3878C CAH-SVAD 3(3,1) Color and Lighting in Cinema: PR: FIL 3035C. Ideas and practices related to lighting and color primarily in film but also painting, sculpture, photography and theatre. Occasional.

FIL 3880C CAH-SVAD 3(3,1) Images of Women in Film: PR: FIL 2030. Images of women in film and how these images are shaped and structured in relation to circumstances of production, aesthetics, cultural, historical, and ideological factors. Fall, Spring.

FIL 3922 CAH-SVAD 1(1,1) Film Colloquium: PR: Film majors only. A series of lectures, films and forums designed for students in the film program. The class is team taught by film faculty and guest speakers from the film industry. Graded S/U. May be repeated for credit. Fall, Spring.

FIL 4040 CAH-SVAD 3(3,0) Animation Film History for Non Film Majors: PR: FIL 3960. Evolution of animation since World War II. Fall, Spring.


FIL 4057C CAH-SVAD 3(3,1) Hollywood Cinema: PR: FIL 3035C. This course studies Hollywood cinema historically, culturally, stylistically, and organizationally. Occasional.

FIL 4103 CAH-SVAD 3(3,0) Adaptation: PR: FIL 2107. The process of adapting scripts from other sources. The investigation of the legalities of adaptation, analysis of existing models, and written adaptations. Occasional.

FIL 4103H CAH-SVAD 3(3,0) Honors Film Adaptation: PR: Consent of Honors. The process of adapting scripts from other sources. The investigation of the legalities of adaptation, analysis of existing models, and written adaptations. With Honors content. Occasional.

FIL 4126C CAH-SVAD 3(2,2) Genre Writing: PR: Film major, FIL 3803C. Advanced screenwriting practice in selected genres, including comedy, humor, western, crime, etc. Occasional.


FIL 4301C CAH-SVAD 3(1,3) Documentary Workshop I: PR: FIL 3836C or C.I. Socially significant documentary projects for community groups, heritages, organizations, non-profit agencies using film, video and digital media. Fall.

FIL 4302C CAH-SVAD 3(3,1) Documentary Workshop II: PR: FIL 4301C or C.I. Advanced documentary projects for community groups, heritages, organizations, non-profit agencies and NGOs using film, video and digital media. Spring.

FIL 4303C CAH-SVAD 3(3,1) Film Fiction and the Document: PR: LIT 2110, FIL 3075C, and FIL 3076C. Study of the shifting boundary between fiction and documentary in film and in the other arts at the core of which is the notion of the document. Fall.

FIL 4343C CAH-SVAD 3(2,4) Capstone I: PR: FIL 3132 and FIL 3075C. World Cinema major. Intensive tutorial guidance, instruction and evaluation of final film projects from initial concept through production. May be repeated for credit. Fall.

FIL 4436 CAH-SVAD 3(3,0) Film Theory/Film Production: PR: Junior standing and FIL 1008 or C.I. Non-narrative filmmaking demonstrating the dynamic interplay between producing, viewing, reading and writing about images. Odd Spring.

FIL 4451 CAH-SVAD 3(3,0) Design for Film: PR: FIL 3427C, or C.I. Analysis of visual structure of film. Specific problems in art direction. Fall.
UCF Courses and Descriptions

FIL 4453C CAH-SVAD 4(3,2)
Special Problems in Film Design: PR: FIL 2423 or FIL 3427C and FIL 2303. A series of exercises in craft, techniques, and design for film production, including animation. Occasional.

FIL 4472C CAH-SVAD 3(2,4)
Cinematography II: PR: Film major, FIL 3427C, FIL 2461. Advanced principles and practices of cinematography. Spring. M&S fee $5.00

FIL 4486C CAH-SVAD 3(3,1)
Directing for Film II: PR: Film BFA major and FIL 2460. Principles and practice in directing narrative and/or documentary motion pictures. Fall. M&S fee $5.00

FIL 4487 CAH-SVAD 3(3,0)
Directing for Film III: PR: FIL 4486C. Advanced processes and techniques of film directing. Spring.

FIL 4535C CAH-SVAD 3(3,1)
Sound Design for Film II: PR: FIL 3534. An understanding of how production mixers bring the film director's vision to the screen. Spring.

FIL 4539 CAH-SVAD 3(3,0)
Sound Design III: PR: FIL 4535C. Advanced aspects of sound mixing and sound editing using advanced protocols and digital format. Occasional.

FIL 4566C CAH-SVAD 3(3,2)
Editing II: PR: FIL 2552. Theory, techniques and practices in picture editing. Fall. M&S fee $5.00

FIL 4573CAH-SVAD 3(1,3)
Capstone II: PR: FIL 4434C. Intensive tutorial guidance, instruction and evaluation of final film projects in post production. May be repeated for credit. Spring.

FIL 4602 CAH-SVAD 3(3,0)
Film Business: PR: FIL 2423 or FIL 3427C and Junior standing and Film BFA, World Cinema, or Cinema Studies major. This is a seminar course taught by a professional in the film industry who deals with issues relative to the organization and production of motion pictures. Spring.

FIL 4647 CAH-SVAD 3(3,0)
Film Production Management: PR: ENC 1102 and Junior Standing, or C.I. Production, budgeting, script breakdown, construction of production boards, scheduling, location scouting, and crew procurement. Spring.

FIL 4651 CAH-SVAD 3(3,0)
The Film Producing and Management of FIL 4623, FIL 3427C and junior standing and Film BFA, World Cinema, or Cinema Studies major. The role of the producer is examined in the context of theatrical film, Spring.

FIL 4735C CAH-SVAD 3(2,4)
Advanced Animation: PR: ‘C’ or better in FIL 3734C and a satisfactory portfolio review or C.I. Advanced 3D modeling and animation techniques. Working in small production teams, students will create short animated segments using a high-end 3D animation system. May be repeated for credit. Fall,Odd Spring. M&S fee $15.00

FIL 4740C CAH-SVAD 3(3,1)
Film and Digitalization: PR: FIL 3035C. A study of the new possibilities offered to film and thinking about film by digitalization. Occasional.

FIL 4759C CAH-SVAD 3(2,4)
Animation Workshop: PR: Animation majors only, FIL 3720C, FIL 3734C, FIL 4735C, and a satisfactory portfolio review or C.I. A production level course in computer animation that emphasizes all phases of the commercial production process, including storyboarding, budgets, client relations, and post-production. May be repeated for credit, Fall, Spring. M&S fee $15.00

FIL 4830 CAH-SVAD 3(3,0)
Motion Picture Genre: PR: FIL 2030. Analysis and evaluation of films, including their major genres, directors, styles, and periods. Occasional. M&S fee $5.00

FIL 4830H CAH-SVAD 3(3,0)
Honors Motion Picture Genre: PR: Consent of Honors, Analysis and evaluation of films, including their major genres, directors, styles, and periods. With Honors content. Occasional.

FIL 4863C CAH-SVAD 3(3,1)
Montage: PR: FIL 3075C and FIL 3076C. A study of montage primarily but not exclusively in film. Emphasizing the way montage constructs continuities and disjunctions. The course is theoretical with practical exercises. Fall.

FIL 4934C CAH-SVAD 3(3,1)
Current Problems in Film and Culture: PR: FIL 3035C. Concentration on the most recent work in film studies concerned with film in its relation to cultural issues. Occasional.

FIL 4935C CAH-SVAD 3(3,1)
Current Problems in Film Theory: PR: FIL 3035C. Concentration on most recent work in film studies concerned with film theory. Occasional.

FIL 4939C CAH-SVAD 3(3,1)
Current Problems in Film History: PR: FIL 3035C. Concentration on the most recent work in film studies concerned with film history. Occasional.

FIL 5406 CAH-SVAD 3(3,0)
Theories of Film Production: PR: Film MFA student or C.I. Comparative analysis of motion picture production methodologies, including the studio industrial model, from a historical/critical perspective. Spring.

FIL 5414 CAH-SVAD 3(3,0)
Film Vision, Scope & Financing: PR: Acceptance to the MFA Film & Digital Media program. Exploration of the creative and business challenges filmmakers encounter when working on a screenplay, including financing, making, and distributing a digital, microbudget motion picture. Spring.

FIL 5419 CAH-SVAD 3(3,0)
Developing the Film Screenplay: PR: Admission to MFA Film & Digital Media-Entrep Dig Cin track, or C.I. Development of an existing, original screenplay to fit the demands, limits, and possibilities of the microbudget, digital film paradigm. Fall.

FIL 5800 CAH-SVAD 3(3,0)
Research Methods in Film and Digital Media: PR: Admission to Film and Digital Media graduate program or C.I. Research methodology for the study and production of film and new media. Spring.

FIL 5853 CAH-SVAD 3(3,0)
Independent Cinematic Forms: PR: Admission to MFA Film & Digital Media/Entrep Dig Cin track, or C.I. Evolution of low budget independent cinematic films through the works of modern and classical filmmakers within and beyond the studio system. Fall.

FIL 5864 CAH-SVAD 3(3,0)
Ways of Seeing: The Expressive Potential of Film: PR: Admission to MFA Film and Digital Media or C.I. A study of multidisciplinary theories that relate to the practice of filmmaking. Fall.

FIL 5924 CAH-SVAD 1(1,0)
Graduate Seminar: PR: Admission to MFA Film & Digital Media/Entrepreneurial Digital Cinema track, or C.I. Strategies for a successful graduate experience, and forum for modes of inquiry, film technique, production and distribution issues; and thesis defense preparation. Graded SU. May be used in the degree program a maximum of 6 times. Fall.

FIM 2100 BA-FIN 3(3,0)
Personal Finance and Investments: PR: Open to all students (majors, minors, and non-majors). An overview of personal and family financial planning. Topics include housing, investments, insurance, retirement planning, estate planning, financial services, consumer credit, and tax planning. Fall, Spring.

FIN 3303 BA-FIN 3(3,0)
Financial Markets: PR: FIN 3035C with a ‘C’ (2.0) or better; open to majors or minors which require this course. The role of short and long-term financial markets and financial instruments in corporate finance. Theories and mathematics of interest rates. Fall, Spring.

FIN 4424 BA-FIN 3(3,0)
Advanced Topics in Financial Management: PR: FIN 3414 with a ‘C’ (2.0) or better; open to majors or minors which require this course. Advanced study in financial management. Topics include capital budgeting, financial structure, and capital decisions. Case studies used extensively. Occasional.

FIN 4453 BA-FIN 3(3,0)
Financial Models: PR: FIN 3403C, FIN 4314, and FIN 3504, each with a ‘C’ (2.0) or better; open to majors or minors which require this course. Mathematical models applied specifically to financial problems, including those models suitable for representation and solutions on computers. Fall, Spring.

FIN 4514 BA-FIN 3(3,0)
Portfolio Analysis and Management: PR: FIN 3303, FIN 3303 and FIN 3504, each with a ‘C’ (2.0) or better; open to majors or minors which require this course. Mathematical models applied specifically to financial problems, including those models suitable for representation and solutions on computers. Fall, Spring.

FIN 4533 BA-FIN 3(3,0)
Financial Derivatives: PR: FIN 3403C, FIN 3303 and FIN 3504, each with a ‘C’ (2.0) or better; open to majors or minors which require this course. Options, futures, forwards, and other derivative contracts. Investments traded in these markets are examined. Pricing and hedging are considered. Fall, Spring.
FIN 4560C BA-FIN 4(3.1)
Applied Portfolio Management I: PR: Finance major, FIN 3403C and FIN 3504, each with a "C" (2.0) or better, and C.I. For UCF Student Managed Portfolio program participants. Provides detailed, rigorous analyses of equity portfolio management topics, including risk return, valuation, forecasting, portfolio construction, and performance appraisal. Occasional.

FIN 4561C BA-FIN 4(0.1)
Applied Portfolio Management II: PR: Finance major, FIN 4560C with a "C" (2.0) or better, and C.I. For UCF Student Managed Portfolio program participants. Rigorous coverage of advanced portfolio management topics, including uses of derivatives, tax issues, and style investing. Occasional.

FIN 4604 BA-FIN 3(0.0)
International Financial Management: PR: FIN 3403C and FIN 3504, each with a "C" (2.0) or better, and C.I. For UCF Student Managed Portfolio program participants. Introduces the student to French culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in the language. Fall,Spring.

FIN 4730 BA-FIN 3(0.0)
Senior Financial Consulting I: PR: Finance major, FIN 3403C and FIN 3303, each with a "C" (2.0) or better; CR: FIN 4314, FIN 4453. Project management in a collaborative, interdisciplinary team environment. Incorporates financial problem solving, design and consulting in projects for major corporations. Part 1 of a two course sequence. Students must register for both semesters. Occasional.

FIN 4941 BA-FIN 3(0.3)
Finance Internship: PR: Finance major with at least 6 hours of completed coursework in finance, minimum overall GPA 2.5, 3.0 GPA in major, and C.I. A cross-cultural field experience which includes cultural and language immersion. Theoretical and applied knowledge of culture and language. Divided into classroom and internship. Graded S/U. Fall, Spring.

FLE 3160 ED-TL&L 3(0.0)
Education and Culture/Language Diversity: PR: Approval of major overall 2.5 GPA 3.0 GPA in major, and C.I. A cross-cultural field experience which includes cultural and language immersion. Theoretical and applied knowledge of culture and language. Divided into classroom and internship. Graded S/U. Fall, Spring.

FLE 4314 ED-TL&L 3(0.0)
Foreign Language Teaching in Elementary Schools: Methods of planning and teaching foreign languages in the elementary school. The emphasis is on teaching communicatively and on integrating culture in the K-6 classroom. Occasional.

FLE 4333 ED-TL&L 3(0.0)
Foreign Language Teaching in the Secondary School: PR: EDG 4140, proficiency in the target language and English. Methods of teaching foreign languages at the secondary level within a communicative framework. Current instructional techniques in listening, speaking, reading, and writing skills, testing, error correction. May be repeated for credit. Occasional.

FLE 5331 ED-TL&L 3(0.0)
Foreign Language Methods at the Secondary Level: PR: Graduate standing or C.I. Methods of planning and teaching foreign language at the secondary level. The emphasis is on teaching communicatively and on integrating culture in the 6-12 classroom. Occasional.

FLE 5335 ED-TL&L 3(0.0)
Foreign Language Methods at the Elementary Level: PR: Graduate standing or C.I. Methods of planning and teaching foreign language at the elementary level. The emphasis is on teaching communicatively and on integrating culture in the K-6 classroom. May be repeated for credit. Occasional.

FRE 1120C CAH-LANG 4(3.1)
Elementary French Language and Civilization I: PR: FRE 1120C or equivalent. Development of language skills and cultural knowledge at the intermediate level. Fall,Spring.

FRE 1121C CAH-LANG 4(0.1)
Elementary French Language and Civilization II: PR: FRE 1120C or equivalent. Development of language skills and cultural knowledge at the beginning level. Fall,Spring.

FRE 2200 CAH-LANG 3(0.1)
Intermediate French Language and Civilization I: PR: FRE 1121C or equivalent. Development of language skills and cultural knowledge at the intermediate level. Fall,Spring.

FRE 2201 CAH-LANG 3(0.1)
Intermediate French Language and Civilization II: PR: FRE 2200 or equivalent. Continuation of FRE 2200 with emphasis on French civilization. Fall,Spring.

FRE 2210 CAH-LANG 3(0.0)
Intensive French Conversation: PR: One year of French or equivalent. Practical use of the language, leading toward fluency and correctness in speaking. Occasional.

FRE 2270 CAH-LANG 8(16.10)

FRE 3300 CAH-LANG 3(0.0)
French Grammar: PR: FRE 2201 or equivalent. An in-depth review of the structures of French for students who intend to take French literature courses. Fall.

FRE 3410 CAH-LANG 3(0.0)
Advanced Oral French Abroad: PR: FRE 2200 or equivalent. Designed for students participating in the Study Abroad Program in France. Students will be immersed throughout the term speaking French. May be repeated for credit. Occasional.

FRE 3420 CAH-LANG 3(0.0)
French Composition: PR: FRE 2201 or equivalent. Development of skills in composition. Fall.

FRE 3423 CAH-LANG 3(0.0)
Advanced French Grammar Abroad: PR: FRE 2200, FRE 2201 or equivalent. Students will be immersed throughout the term applying grammatical concepts as they relate to written expression in order to enhance oral expression. May be repeated for credit. Occasional.

FRE 3440 CAH-LANG 3(0.0)

FRE 3441 CAH-LANG 3(0.0)

FRE 3760 CAH-LANG 3(0.0)

FRE 3780 CAH-LANG 3(0.0)
French Phonetics and Diction: French phonology, with emphasis on phonetic groupings. Spring.

FRE 3954 CAH-LANG 6(6.0)
Study Abroad in the Caribbean: PR: FRE 2201 or equivalent. Travel through Caribbean islands, studying the diversity within the Creole cultures. May be repeated for credit. Occasional.

FRE 4421 CAH-LANG 3(0.0)
Advanced French Conversation: PR: FRE 3780. Advanced conversation on directed topics from various disciplines: literature, art, psychology, philosophy, music, business, and the sciences. Fall.

FRE 4422 CAH-LANG 3(0.0)

FRE 4471 CAH-LANG 6(6.0)
Advanced French Cultural Studies Abroad: PR: FRE 2201 or equivalent, or C.I. Students will develop stronger conversational skills at the third year level while studying French culture abroad. May be repeated for credit. Occasional.

FRE 4500 CAH-LANG 3(0.0)

FRE 4503 CAH-LANG 2(0.0)
Quebecois Civilization: PR: 2 years of college level French or equivalent. An introduction to the main epochs and events in the history of the French civilization in North America with particular emphasis on Quebec. Occasional.

FRE 4782 CAH-LANG 2(0.0)
Advanced French Phonetics and Diction: PR: 3 years of college level French or equivalent. Intensive exercises in French phonetics and diction with both prose and poetry with particular emphasis on difficulties for speakers of English. Occasional.

FRT 3140 CAH-LANG 3(0.0)
French and Francophone Literary Masterworks in Translation: PR: FRE 2200. May include survey covering texts from the Middle Ages to the present or may focus on a particular period, genre, or topic. Occasional.

FRT 3562 CAH-LANG 3(0.0)
French Contemporary Pop Culture: PR: FRE 2200. Examination of Modern French and its culture, with emphasis on contemporary trends in language, music, fashion, fiction, press, cyberculture, street arts, and food. Occasional.

FRT 4400 CAH-LANG 3(0.0)
French Medieval Literature and Culture: PR: FRW 3810. Provides students with the skills needed to read, discuss, and write about French literature and culture of medieval France. Occasional.

FRW 3100 CAH-LANG 3(0.0)
Survey of French Literature I: PR: FRE 2201 or equivalent. Main literary currents and works from the Middle Ages through the 18th century. Fall.

FRW 3101 CAH-LANG 3(0.0)
Survey of French Literature II: PR: FRE 2201 or equivalent. Main literary currents and works of the 19th and 20th centuries. Spring.

FRW 3370 CAH-LANG 3(0.0)
Short Stories of 18th, 19th and 20th Centuries: PR: FRE 2201 or equivalent. Literature designed to increase reading speed and develop analytical abilities. Authors include: Voltaire, Maupassant, Flaubert, Camus, and others. Occasional.

FRW 3740 CAH-LANG 3(0.0)

FRW 3752 CAH-LANG 3(0.0)
French Caribbean Literature: PR: FRE 2201 or equivalent. Literature of the French speaking Caribbean from colonial times to the present, in French. Occasional.

FRW 3760 CAH-LANG 3(0.0)
FRW 3770 CAH-LANG 3(3,0)
Francophone Literature: PR: FRE 2201. The literature of the Francophone world. Students will read, analyze and discuss literary works written in French. Even Spring.

FRW 3810 CAH-LANG 3(3,0)
French Literary Texts and Analysis: PR: FRE 2201. French Literature and literary analysis from the Middle Ages to the present. Course is conducted in French. Fall.

FRW 4281 CAH-LANG 3(3,0)
20th Century French Novels: PR: FRW 3100 or FRW 3101 or equivalent. Contemporary French Novel. Will focus on post-war authors, both traditional and avant-garde, such as Bazine, Beckett, Butor, Camus, Mauriac, Malraux and Sarratte. Occasional.

FRW 4310 CAH-LANG 3(3,0)

FRW 4324 CAH-LANG 3(3,0)
20th Century French Drama: PR: FRW 3100 or FRW 3101 or equivalent, or C.I. Concentration on traditional and avant-garde theater after WWI, such as the works of Beckett, Camus, Claudel, Cézanne, Ionesco, and Sartre; different literary approaches will also be used. Occasional.

FRW 4380 CAH-LANG 3(3,0)

FRW 4440 CAH-LANG 3(3,0)

FRW 4532 CAH-LANG 3(3,0)

FRW 4552 CAH-LANG 3(3,0)

FRW 4820 CAH-LANG 3(3,0)
Stylistics: PR: FRE 3420 or equivalent. An intense study of textual criticism. An examination of the relationship between language and literature; explications and linguistic analysis of literary texts. Occasional.

FSS 2221C RCHM-FOOD&LOGD 4(3,3)
Techniques of Food Preparation: PR: HFT 1000. Basic principles and practice of food and beverage preparation, service, and menu development. Fall, Spring. M&S fee $70.00

FSS 2284C RCHM-FOOD&LOGD 4(3,3)
Food Preparation for Catered Events: PR: HFT 1000. Basic principles and practice of food preparation and menu development for catered events. Methods and procedures for on and off premise catered events. Fall, Spring. M&S fee $70.00

FSS 3008 RCHM-FOOD&LOGD 3(3,0)
Culture and Cuisine: PR: HFT 1000 and FSS 2221C. The major historical and geographical developments that have affected the creation of the cuisines of the world. Occasional. M&S $35.00

FSS 3124 RCHM-FOOD&LOGD 3(3,0)
Supply and Procurement Management: PR: HFT 1000, FSS 2221C, HFT 3283 and Junior standing. The purchasing procedures, specifications, and controls of food and related products in the hospitality industry. Fall, Spring. M&S fee $45.00

FSS 3223C RCHM-FOOD&LOGD 3(1,3)
Intermediate Techniques of Food Production: PR: HFT 1000 and FSS 2221C. An advanced food production course which provides the student the opportunity to develop skills in pantry, garnageman, and convenience foods and services. Laboratory class. Occasional. M&S fee $70.00

FSS 4135 RCHM-FOOD&LOGD 3(3,0)
Corporate Contract and Managed Services Organizations: PR: HFT 3283 and Junior standing. The legal characteristics of managed services including contracting, commodity purchasing, pricing, and revenue management. Occasional.

FSS 4286C RCHM-FOOD&LOGD 3(3,1)
Catering and Banquet Organization: PR: HFT 1000, FSS 2221C, HFT 3003, and Junior standing. Methods and procedures for successful on and off premise catering functions. Emphasis on food and beverage preparation, menu planning, service and sales techniques. Laboratory class. Occasional. M&S fee $70.00

GEA 4405 CAH-LAS 3(3,0)
Geography of Latin America: PR: ENC 1102 or C.I. Geography of Latin America and the Caribbean, including geophysical, cultural, economic, and social characteristics and processes. Occasional.

GEB 1091C BA-BA 2(1,1)
Foundations of Leadership: PR: LEAD Scholars Program. Seminar for LEAD Scholars in the College of Business providing a foundation of leadership, scholarship, and service regarding disciplines in the college. Fall, Spring.

GEB 2350 BA-MAR 3(3,0)
Foundations of Business: Introduction to the U.S. business system and the role it plays in a global economy. Fall.

GEB 3003 BA-MAN 1(1,0)
Career Research & Planning: PR: Admission to the College of Business Designed to provide a basic understanding of the importance of career professionalism in today’s competitive business environment. The course focuses on self-awareness and career research and planning. Fall, Spring.

GEB 3055 BA-BA 1(1,0)
Career Search Strategy: PR: GEB 3003. Providing an overview of the search process, and challenges facing managers in contemporary business organizations. Introduces competencies of team work, communication, creative thinking, and adapting to change. Fall, Spring.

GEB 3011 BA-MAN 3(3,0)
Cornerstone: Professional Skills for Business: PR: Junior Standing. An orientation to opportunities and challenges facing managers in contemporary business organizations. Introduces competencies of team work, communication, creative thinking, and adapting to change. Fall, Spring.

GEB 3031 BA-MAN 1(0,2)
Cornerstone Lab: Professional Skills for Business: PR: CBA major/minor or approved major/minor CR: GEB 3031. Students apply concepts and principles introduced in GEB 3031 and related skills essential to academic and professional success. Fall, Spring.

GEB 3113 BA-MAN 3(3,0)
Creativity and Entrepreneurship: PR: Sophomore Standing. Discovering and assessing opportunities, creating solutions, and formulating sustainable business models necessary to deliver benefits to society and markets. Fall, Spring.

GEB 3375 BA-FIN 3(3,0)
Introduction to International Business: PR: Junior standing and ACG 2071, ECO 2013 and ECO 2023, each with a "C" (2.0) or better. Understanding the interdependence of globalized world economy and similarities between domestic and international business domains. Fall, Spring.

GEB 3375H BA-FIN 3(3,0)
Honors Introduction to International Business: PR: Junior standing, permission of Honors Program. ACG 2071, ECO 2013, and ECO 2023, each with a "C" (2.0) or better. Understanding the interdependence of globalized world economy and similarities between domestic and international business domains. Same as GEB 3375 with honors level content. Occasional.

GEB 4004 BA-MAN 1(1,0)
Executing Your Career Plan: PR: GEB 4223. Coaches provide recommendations throughout the career search process, and help implement the career plan developed during the previous three career development courses. Fall, Spring.

GEB 4110 BA-MAN 3(3,0)
Business Plan Preparation: PR: GEB 4111. Develop a new venture plan evolving from an original concept through a process that incorporates all the elements of a professionally written business proposal. Fall, Spring.

GEB 4111 BA-MAN 3(3,0)
New Venture Finance: PR: or CR: MAN 4802. Knowledge and hands-on processes in the accounting, financing, and operation of a new venture that will help students manage a new venture from concept to exit. Fall, Spring.

GEB 4152 BA-MAN 3(3,0)

GEB 4223 BA-MAN 1(1,0)
Business Interviewing Techniques: PR: GEB 3005. Develops each student’s ability to make a persuasive one-on-one or small group presentation, that is designed to invoke action by either the individual or small group. Fall, Spring.

GEB 4361 BA-FIN 3(3,0)
Business in the International Environment: PR: Finance major, FIN 3403C, MAR 3233, and MAN 3035 and either with a "C" (2.0) or better. Provides an overall understanding of the nature, magnitude, and importance of the international business sector. Occasional.

GEB 4374 BA-FIN 3(3,0)
International Negotiations and Transactions: PR: Finance major, Junior standing and admission to CBA. Focuses on providing an understanding of the concepts and skills required for international negotiations and transactions. Occasional.

GEB 4435 BA-MAN 3(3,0)

GEB 4824 BA-BA 3(3,0)
Business Law in Sport & Entertainment: PR: SPB 3003 with a "C" (2.0) or better, and either FIN 2100 and MAR 3233 each with a "C" (2.0) or better, or equivalent, or consent of a business major. Understanding of the legal issues involved in the operation and management of organizations in the sport and entertainment industries. Fall.

GEB 4934 BA-BA 0(0,1)
Current Topics in Business Administration: PR: Admission to the College of Business, and C.I. Guest lectures discussing current topics that impact business in the Central Florida, state, national, and international business environments. Fall, Spring.

GEB 5516 BA-MAN 3(3,0)
Technological Entrepreneurship: PR: Graduate standing. Focus of the course is on identification, evaluation and commercialization of new technologies. Emphasis will be placed on the legal, financial and strategy aspects of technology transfer and development. Occasional.

GEB 5941 BA-BA 1.5(1.5)
Professional Business Practicum: PR: Acceptance in the graduate program. The practicum is to provide a professional business work experience for students entering the MBA program without such experience. Occasional.

GEO 1200 COS-POLS 3(3,0)
Physical Geography: Basic physical elements of geography, including climate, landforms, soils, natural vegetation, minerals, and their integrated patterns of world distribution. Fall, Spring.
GER 2200 CAH-LANG 3(3,1) Intermediate German Language and Civilization II: PR: GER 1120C or equivalent. Continuation of GER 2200 with emphasis on German civilization. Spring.

GER 2210 CAH-LANG 3(3,0) Intensive German Conversation: PR: GER 1121C or C.I. Practical use of the language, leading toward fluency and correctness in speaking. Occasional.

GER 2240 CAH-LANG 3(3,0) German Conversation: PR: GER 2201 or equivalent. Development of skills in conversation and comprehension through practice. Occasional.

GER 2270 CAH-LANG 6(6,0) Intermediate German Study Abroad: PR: GER 1121C or equivalent. Intermediate German language and culture taught in the native environment. Occasional.

GER 2271 CAH-LANG 2(2,0) Modern German Civilization Abroad I: PR: One year of College-level German. Key elements of German life: its artistic, intellectual, scientific, and spiritual contributions to the world via guest lecturers, readings, films, and other media. In German. Occasional.

GER 3102 CAH-LANG 3(3,0) Germany - Past to Present: PR: GER 3760 or GER 3420 or equivalent. Cultural development that shaped modern Germany. Students will read and discuss selected texts from different literary periods and view the influences they had on culture and daily life. Course conducted in German. Occasional.

GER 3272 CAH-LANG 2(2,0) Modern German Civilization Abroad II: PR: GER 2201 or equivalent. Key elements of German life: its artistic, intellectual, scientific, and spiritual contributions to the world via guest lecturers, readings, films, and other media. In German. Occasional.

GER 3420 CAH-LANG 3(3,0) Intensive German Composition: PR: GER 2201 or equivalent. Development of skills in composition. Occasional.
### UCF Courses and Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRA 3803C</td>
<td>Intermediate Computer Graphic Design: PR: GRA 3102 or declared Web Design Track, ART 2201C, AR 2203C, and DIG 3715C. Graphic design techniques and methods relating to web design and development.</td>
<td>3(3,4)</td>
<td></td>
</tr>
<tr>
<td>GRA 3950</td>
<td>Graphic Design Portfolio Application: PR: ART 2201C, ART 2203C, ART 2300C, ART 2301C, GRA 2101C, AR 2500, ARH 2501. Portfolio application for students entering the SVA Graphic Design program. Graded S/U.</td>
<td>0(0,0)</td>
<td></td>
</tr>
<tr>
<td>GRA 4154C</td>
<td>Advanced Illustration: PR: ART 2210C, ART 2300C, and a satisfactory portfolio, or C.I. Advanced techniques in the utilization of digital platforms to emulate traditional media. May be used in the degree program a maximum of 3 times. Spring. M&amp;S fee $45.00</td>
<td>3(2,4)</td>
<td></td>
</tr>
<tr>
<td>GRA 4196C</td>
<td>Advanced Graphic Design: PR: GRA 3112C or C.I. Visual design elements. Fall. M&amp;S fee $43.00</td>
<td>3(2,4)</td>
<td></td>
</tr>
<tr>
<td>GRA 4197C</td>
<td>Special Problems in Graphic Design: PR: GRA 4196C. Capstone course in Graphic Design emphasizing the development of a professional portfolio. May be used in the degree program a maximum of 2 times.</td>
<td>3(3,4)</td>
<td></td>
</tr>
<tr>
<td>GRA 4802C</td>
<td>Advanced Computer Graphic Design: PR: GRA 3102C and GRA 3803C. Graphic design techniques and methods related to motion graphics. Odd Fall, Spring. M&amp;S fee $15.00</td>
<td>3(2,4)</td>
<td></td>
</tr>
<tr>
<td>HBR 1120</td>
<td>Elementary Modern Hebrew Language and Culture I: Designed to initiate the student to the major language elements of Modern Hebrew; to increase proficiency in conversation, reading and writing skills, and further expose students to Israeli culture. Occasional.</td>
<td>4(4,0)</td>
<td></td>
</tr>
<tr>
<td>HBR 1121</td>
<td>Elementary Modern Hebrew Language and Culture II: PR: HBR 1120 or equivalent. Continuation of HBR 1120. Spring.</td>
<td>4(4,0)</td>
<td></td>
</tr>
<tr>
<td>HBR 2200</td>
<td>Intermediate Modern Hebrew I: PR: HBR 1121 or equivalent. Designed to continue the study of Modern Hebrew; increase proficiency in conversation, reading and writing skills, and further expose students to Israeli culture. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HBR 2201</td>
<td>Intermediate Modern Hebrew II: PR: HBR 2200. Further development of Hebrew language skills in listening, speaking, reading, and writing. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HBR 3250</td>
<td>Biblical Hebrew: PR: HBR 1121 or C.I. Grammatical and syntactical structure of Biblical Hebrew. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HBR 3410</td>
<td>Conversational Israeli Hebrew: PR: HBR 1120, HBR 1121 or equivalent. C.I. Study and practice of contemporary conversational Israeli Hebrew. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 1000</td>
<td>Hospitality Human Resources Management: A strategic approach to the hospitality and tourism industry.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 2220</td>
<td>Hospitality Human Resources Management: PR: HFT 1000. Basic principles of operating a lodging facility including accounting, housekeeping, engineering, front desk, and guest services. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 2254</td>
<td>Lodging Operations: PR: HFT 1000. Basic principles of operating a lodging facility including accounting, housekeeping, engineering, front desk, and guest services. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 2401</td>
<td>Hospitality Industry Financial Accounting: PR: ECO 2013 or ECO 2023, and MAC 1105. Basic understanding of financial accounting and specifically hospitality industry accounting concepts and procedures used in hotels, restaurants and clubs. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 2500</td>
<td>Hospitality and Tourism Marketing: PR: HFT 1000. The application of marketing concepts to the Hospitality and Tourism Industry. Special emphasis on marketing planning and strategic marketing. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 2750</td>
<td>The Event Industry: Overview of meetings, conventions, special events and exhibitions including the roles, organizations and people involved in the businesses that comprise this industry. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 2843</td>
<td>Sanitation in the Food Service Industry: Causes and prevention of food spoilage and food borne illnesses. Includes National Restaurant Association (NRA) certification. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3263</td>
<td>Restaurant Management: PR: HFT 1000, FSS 2221C, and junior standing. Discussion of the topics integral for the successful management of restaurant and food service organizations.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3323</td>
<td>Hospitality Physical Plant Management: PR: Junior standing. Analysis of operational problems related to the physical plant and structure of enterprises in the hospitality industry. Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3353</td>
<td>Principles of Resort Timesharing: PR: HFT 1000. Principles of resort timeshare operations and ownership. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3354</td>
<td>Agronomy for Golf Course Management: PR: HFT 3933. Primary roles and responsibilities of the golf course superintendent. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3357</td>
<td>Golf &amp; Club Event Operations: PR: HFT 1000, HFT 2500; Develop, plan, and organize golf tournaments of all types. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3373</td>
<td>Event Design, Production &amp; Technology: PR: HFT 1000, HFT 2500, and HFT 3070, or C.I. Aspects of event production, including art, design and staging. How technology is used in the event industry to increase effectiveness and productivity. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3384</td>
<td>Golf and Club Enterprises Management: PR: HFT 1000 and FSS 2221C. Comprehensive examination of the golf and club management industry, its related national and international associations, and career path opportunities. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3431</td>
<td>Hospitality Industry Managerial Accounting: PR: ECO 2013 or ECO 2023, and MAC 1105 and HFT 2401. Presentation, interpretation, and analysis of internal and external hospitality industry financial reports affecting management decisions using hospitality industry systems of accounting. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3443</td>
<td>Event Technology: PR: HFT 1000 and HFT 2750, or C.I. Use of technology in the event industry to solidify processes and help people be more productive. Covers types of technology for different event processes. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3444</td>
<td>Hospitality Information Systems: PR: ECO 2013 or ECO 2023, and CGS 2100, MAC 1105, HFT 2525. Focuses on management functions and practices, information systems and technology in hospitality. Higher tech for higher touch building on computer literacy and operation knowledge. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3512</td>
<td>Event Promotion: PR: HFT 1000, HFT 2750, and C.I. Promotion of events to sponsors, attendees, exhibitors and other participants. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3519</td>
<td>Event Services: PR: HFT 2750 and HFT 3443 The acquisition and management of services integral to the success of events. The supply side of the event industry.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3523</td>
<td>Event Sales: PR: HFT 2500 and HFT 3519, or C.I. In-depth look at the sales process for events, including the development of requests for proposals, negotiation skills and sales strategies. Fall, Spring.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3540</td>
<td>Hospitality Services Management I: PR: ECO 2013 or ECO 2023, and MAC 1105. The study of making decisions from the guest’s point of view in the hospitality industry.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3603</td>
<td>Legal Environment in the Hospitality and Tourism Industry: PR: C.I. Principles of law as related to the Hospitality/Tourism Industry.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3654</td>
<td>Hospitality and Event Risk Management: PR: HFT 1000 and HFT 2750, or C.I. Risk, crisis, and liability issues that may arise in the planning and management of special events, meetings, conventions, and exhibitions. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3700</td>
<td>Tourism Management: PR: HFT 1000 and junior standing or C.I. Analysis of the tourism phenomenon in contemporary societies. An exploration of major concepts about tourism as an inter-linked industry composed of many sectors within both the private and public sectors.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3741</td>
<td>Meeting Management: PR: HFT 2750 and HFT 3519. The process of meeting planning, from setting objectives to analyzing the success of the event.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3770</td>
<td>Cruise Line Operations and Management: PR: HFT 1000 and junior standing or C.I. Understanding of cruise company operations and management. Shipboard organization and delivery of the cruise product to the guest. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3785</td>
<td>Management of Gaming Enterprises: PR: Junior level standing, an in-depth study of gaming-based organizations including cruise ships, Indian reservation casinos, and others. The history and development of gaming organizations, the economics, social, and cultural impact of gaming and managerial challenges and opportunities in the industry. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3792</td>
<td>Event Design and Production: PR: HFT 1000, HFT 3443, and HFT 3070, or C.I. The many aspects of event production, including art, design, and staging. Provides hands on practical experience. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
<tr>
<td>HFT 3798</td>
<td>Fairs and Festivals: PR: HFT 1000 and HFT 2750, or C.I. Evolution of modern day exhibitions and trade shows from fairs and festivals. Occasional.</td>
<td>3(3,0)</td>
<td></td>
</tr>
</tbody>
</table>
Resort Management: 
HFT 4274 RCHM-FOOD&LODG 3(3,0)
Foodservice Marketing, Sales, and Distribution of Resort foodservices, sales, and distribution from both an operator and supplier perspective. Fall, Spring.

HFT 3868 RCHM-FOOD&LODG 3(3,0)
History and Culture of Wine: PR: Minimum age of 21 and a History course or C.I. The role that wine has played in the history and evolution of culture, religion, and society in different civilizations. Occasional. M&S fee $70.00

HFT 3933 RCHM-RCHM 1(1,0)
Distinguished Lectures in Hospitality Management: PR: HFT 1000, Junior standing. First hand introduction to hospitality leaders, their perspectives on the segments they represent, and the breadth of those segments. Graded S/U. Fall, Spring.

HFT 3949 RCHM-RCHM 0-5(0-1.5)
Cooperative Education: Provides paid, pre-professional work experience related to the students’ major while they continue to attend school. Requires achievement of major-related learning objectives. Graded S/U. Fall, Spring.

HFT 4065 RCHM-FOOD&LODG 3(3,0)
Fine Spirits Management: PR: HFT 1000 and at least 21 years of age. This course is designed to familiarize the student with the production, aroma/taste profiles, executive work experience related to the students’ major while they continue to attend school. Requires achievement of major-related learning objectives. Graded S/U. Fall, Spring.

HFT 4206C RCHM-FOOD&LODG 3(3,0)
Hospitality Operations: PR: Junior Standing or C.I. An introduction of food and lodging operations providing students with a comprehensive knowledge of these related content areas; food service lab component. Occasional.

HFT 4253 RCHM-FOOD&LODG 3(3,0)
Advanced Lodging Operations: PR: HFT 2254 and HFT 2500, HFT 3431, HFT 3603 and Junior Standing. Advanced case study course based on interaction with hotels, timeshares, shared ownership properties, and other sleeping accommodations. Exposés course participants to real life operational situations. Spring.

HFT 4255 RCHM-FOOD&LODG 3(3,0)
Advanced Hotel Development: PR: HFT 4464, HFT 4473, or C.I. Hotel investment practices, risk management and other investment decision factors. Occasional.

HFT 4266 RCHM-FOOD&LODG 3(3,0)
Hospitality Brand Management: PR: HFT 3263 or C.I. and Junior standing and C.I. Exploration of the principles of brand management for restaurants and foodservice, hotels, timeshares and shared ownership properties. Fall, Spring.

HFT 4288 RCHM-FOOD&LODG 3(3,0)
Case Studies in Restaurant Management: PR: HFT 3263 and Junior standing or C.I. Application of case study methodology to advanced topics in restaurant and food service management. Fall, Spring.

HFT 4274 RCHM-FOOD&LODG 3(3,0)
Resort Management: PR: HFT 1000, HFT 2254, or C.I. Comprehensive analysis of applied theories, principles, and techniques in the management of hotels and shared ownership/timeshare properties. Spring.

HFT 4275 RCHM-FOOD&LODG 3(3,0)

HFT 4277 RCHM-TEA 3(0,0)
Yacht, Country, And City Club Management: PR: HFT 1000 and Junior standing or C.I. A study of the history, development, operation and management of Yacht, Country and City Clubs. Emphasis will be placed on operational aspects. Fall.

HFT 4281 RCHM-FOOD&LODG 3(3,0)

HFT 4286 RCHM-HSP SERV 3(3,0)
Hospitality Communications: PR: HFT 1000; HFT 2220; FSS 2221C; HFT 2254; HFT 2500; HFT 3603, HFT 2401; HFT 3444; HFT 2640. Communication exchanges in the hospitality industry for effective presentations, conflict resolution, and report writing. Emphasis on interdepartmental communication, and dependence by managers in hospitality enterprises in the areas of reading, writing, speaking, and listening. Fall, Spring.

HFT 4295 RCHM-HSP SERV 3(3,0)
Leadership and Strategic Management in Hospitality Industry: PR: Completion of Hospitality Management Core program. Principles of strategic decision making in various hospitality and tourism organizations; lectures, class discussions, and group case analysis presentations. Fall, Spring.

HFT 4343 RCHM-HSP SERV 3(3,0)
Hospitality Facilities Management: PR: HFT 1000; HFT 2254, and Junior standing; or C.I. Principles of facility planning, layout, design, and physical plant characteristics for hotels, timeshares and shared ownership properties, restaurants and foodservice and other hospitality related venues. Fall, Spring.

HFT 4358 RCHM-TEA 3(0,0)

HFT 4375 RCHM-TEA 3(0,0)
Advanced Trade Show Management: PR: HFT 4754 or C.I. Trade show installation, floor management and dismantling/shipping. Pre-event logistics and on-site management of critical success factors. Occasional.

HFT 4394 RCHM-TEA 3(0,0)
Event Operations: PR: All courses in the Event Management core, or C.I. Planning and implementing a live event. Fall, Spring.

HFT 4413 RCHM-HSP SERV 3(3,0)
Technology Applications for Hospitality Management: PR: HFT 3444 Hospitality Information Systems. Provides students with fundamental information system concepts and techniques for effective applications to strategic thinking in hospitality careers. Odd Spring.

HFT 4432 RCHM-HSP SERV 3(0,0)

HFT 4457 RCHM-HSP SERV 3(0,0)
Food, Beverage, and Labor Cost Controls: PR: HFT 3263, HFT 3431, and Junior standing. Provides students with basic fundamentals of food, beverage, and labor cost control systems in the hospitality industry. Fall, Spring.

HFT 4464 RCHM-HSP SERV 3(3,0)
Hospitality Industry Finance: PR: HFT 3431 and junior standing or C.I. Working knowledge of finance concepts and theories applicable to the Hospitality Industry including evaluation management contracts, franchising, and leasing. Odd Fall, Odd Spring.

HFT 4468 RCHM-HSP SERV 3(3,0)
Hospitality Industry Revenue Management: PR: HFT 2254 and HFT 3431, and Junior standing. Revenue management practices in hospitality organizations which include capacity management, revenue forecasting pricing strategies, and distribution. Fall, Spring.

HFT 4473 RCHM-HSP SERV 3(3,0)
Hospitality Development Analysis: PR: HFT 2254 or HFT 3263, HFT 2500, HFT 3431, and Junior standing. Review of methodological operation, financial and marketing aspects of analyses for foodservice, hotels, timeshares, and shared ownership development projects. Spring.

HFT 4522 RCHM-FOOD&LODG 3(3,0)
Resort Sales Tactics and Strategies: PR: HFT 1000, Junior standing or C.I. Sales tactics and business oriented marketing goals and strategies employed in the sales and marketing of resort hotels, timeshares, and shared ownership properties. Fall.

HFT 4561 RCHM-TEA 3(0,0)

HFT 4614 RCHM-TEA 3(0,0)
Risk Management in Theme Parks and Attractions: PR: HFT 3600, or C.I. Examines principles and issues related to the nature and mitigation of risks at theme parks and attractions. Covers all theme park operating departments. Occasional.

HFT 4732 RCHM-TEA 3(0,0)

HFT 4735 RCHM-TEA 3(0,0)
Tourism Geography: PR: HFT 3700 and Junior standing, or C.I. Senior standing. The geographies of the main international tourist destinations in U.S. and the World. Fall, Spring.

HFT 4736 RCHM-TEA 3(0,0)
Destination Management: PR: HFT 3700. Principles and issues related to destination management; strategies and processes involving design, operations, distribution, marketing, and impact of tourism at the destination. Occasional.

HFT 4751 RCHM-TEA 3(0,0)
Managing the Employee Experience in the Theme Park and Attraction Industry: PR: HFT 4755 and Junior standing or C.I. Managing staff, supervision, communication or legal compliance, and retention in the theme parks and attraction industry. Fall.

HFT 4752 RCHM-TEA 3(0,0)
Managing the Guest Experience in the Theme Park and Attraction Industry: PR: HFT 4755. The management of guest needs and expectations in theme parks and attractions Spring.

HFT 4754 RCHM-TEA 3(0,0)
Exhibit and Trade Show Operations: PR: HFT 2750 and Junior standing or C.I. Provides an in-depth study of exhibit and trade show operations. Focuses on both supply and demand pertaining to exhibits and trade shows. Fall, Spring.

HFT 4755 RCHM-TEA 3(0,0)
Theme Park and Attraction Management: PR: HFT 1000 and Junior standing or C.I. An in-depth study of the theme park and attraction industry, focusing on resources, ride operations, merchandising, food services, and architectural design Fall, Spring.

HFT 4757 RCHM-TEA 3(0,0)
Event Management: PR: All courses in the Event Management core, or C.I. The development, design, and evaluation of events that meet stakeholder needs and expectations. Incorporates a case study approach. Requires event volunteer hours approved by instructor. Fall, Spring. M&S fee $85.00

HFT 4758 RCHM-TEA 3(0,0)
Operational Issues in the Theme Park and Attraction Industry: PR: HFT 4755. Organizational structure and operational culture of theme parks and attractions Fall.

HFT 4759 RCHM-TEA 3(0,0)
Product Development in Theme Parks and Attractions: PR: HFT 4755 and Junior standing or C.I. The development and management process associated with product development in the theme parks and attraction industry. Occasional.

HFT 4795  RCHM-TEA  3(3,0)  Entertainment Arts and Events: PR:  HFT 2750 and HFT 4755 or C.I. A historical perspective of theme park, event, and attraction entertainment. Covers show development, event production, creative processes, casting, costume, staging, and evaluation. Fall, Spring.

HFT 4796  RCHM-TEA  3(3,0)  International Events: PR:  HFT 1000 and HFT 2750; or C.I. Considerations when planning events that are held outside the United States or that attract a large number of participants from outside the United States. Occasional.

HFT 4802  RCHM-TEA  3(3,0)  Catering Sales Management: PR:  HFT 3523, HFT 3670, and FSS 2284C, or C.I. The catering manager's role in the catering sales process. Emphasis on marketing, budgeting, control, and coordinating departemen financial impact, internal communication/documentation and event oversight. Fall, Spring. M&S fee $45.00

HFT 4861C  RCHM-FOOD&LODG  3(3,1)  Beverage Management: PR:  HFT 1000, minimum age of 21 by the first day of class. The production and service of alcoholic beverages. Fall, Spring. M&S fee $45.00

HFT 4864C  RCHM-FOOD&LODG  3(3,0)  Seminar in Quality Brewing and Fine Beer: PR:  HFT 2750, minimum age of 21 by first day of class. The production and service of malt beverages. Fall, Spring. M&S fee $45.00

HFT 4865  RCHM-FOOD&LODG  3(3,0)  Advanced Wine Management: PR:  Minimum age of 21, HFT 3686 or HFT 4866C, or C.I. Advanced study of viticulture, enology and wine regions of the world. Occasional. M&S fee $70.00

HFT 4866C  RCHM-FOOD&LODG  3(3,1)  Exploring Wines of the World: PR:  HFT 1000, minimum age of 21 by first day of class, or C.I. Using senses to evaluate wines, methodology of tasting and evaluating wines, growing, processing, and marketing of grape varieties used in making wine. Fall, Spring. M&S fee $70.00

HFT 4894  RCHM-FOOD&LODG  3(3,0)  International Gastronomy: PR:  FSS 2216C, HFT 1000, or C.I. A world view of culture and cuisine that includes an international travel component. May be used in the degree program a maximum of 2 times. Occasional.

HFT 4949  RCHM-RCCHM  0-5(0,1.5)  Cooperative Education: Provides paid, pre-professional work experience related to the students' major while they continue to attend school. Requires achievement of major-related learning objectives. Graded S/U. Fall, Spring.

HIM 3006  HPA-HMI  3(3,0)  Foundations of Health Information Management (HIM): PR: ENC 1102. Foundation of profession; release of information; record construction; numbering and filing systems; standards for long-term care; ambulatory care; and mental health records. Fall, Spring.

HIM 3116C  HPA-HMI  4(3,2)  Health Record Organization and Management: PR:  HIM 3006 and acceptance into the upper-division limited access HIM program; or C.I. Nomenclature/classification systems; health and vital statistics; data analysis and presentation; indexing; computer abstracting; accrediting and approving agencies; medical staff organization. Spring.

HIM 3806C  HPA-HMI  3(1,4)  Professional Practice Experience I: PR:  Admission to HIM program. CR: HIM 3006, HSC 3537 and HIM 3116C. Virtual hospital tour; master patient index; numbers, coding of medical records; study and analysis; incomplete record control; record storage; retention and retrieval; and release of information. Fall, Spring.

HIM 4226C  HPA-HMI  5(3,4)  Coding Procedures I: PR:  HSC 3357 or C.I. Principles and mechanics of coding systems for inpatient health information retrieval; ICD-9-CM, DRGs; encoders, Fall, Spring.

HIM 4256C  HPA-HMI  3(2,2)  Coding Procedures II: PR:  HSC 3357 or C.I. Principles and mechanics of coding systems for outpatient health information retrieval; CPT/HCPCS, APCs; encoders. Fall.

HIM 4344C  HPA-HMI  4(3,2)  Health Information Department Management: PR:  HIM 3116C; HSA 4180 or MAN 3025; or C.I. Personnel administration; budgeting; forms analysis; work distribution and simplification; equipment selection; ergonomics and space planning. Fall.

HIM 4508C  HPA-HMI  3(2,2)  Quality Management: PR:  HSC 3357 or C.I. Principles and mechanics of quality improvement; utilization review; case management and risk management. Fall, Spring.

HIM 4656C  HPA-HMI  3(2,2)  Health Information Management Systems: PR: or C.I. HIM 3006. Vitalization of computerized information systems, management and patient care in the health care industry, systems analysis, system design and project management concepts. Fall, Spring.

HIS 4070  CAH-HIST  3(3,0)  Oral History: PR:  Either AMH 2010, AMH 2020 or C.I. Theories and practices of oral history in field work required. Occasional.

HIS 4150  CAH-HIST  3(3,0)  History and Historians: PR:  C.I. A study of European and/or American historiography. May be used in the degree program a maximum of 2 times. Fall, Spring.


HIS 4490  CAH-HIST  3(3,0)  History of Medicine: PR:  AMH 2010 or AMH 2020. The history of medicine and its relationship to culture and society from the Ancient World to the present. Occasional.

HIS 4935  CAH-HIST  3(3,0)  Senior Seminar: PR:  Senior standing, history major, and C.I. Research in history through sustained reading, writing, and discussion on a focused topic. May be repeated for credit. Fall, Spring.

HIS 4944  CAH-HIST  3(3,0)  Internship in Public History: PR:  C.I. The Public History Internship is a one-semester course in which undergraduate history majors explore and gain experience in public history professions. Fall, Spring.

HIS 4970  CAH-HIST  3(3,0)  Senior Thesis: Original research paper available to advanced history majors, topics to be selected in consultation with a directing professor. Occasional.

HIS 4970H  VAR VAR Honors Undergraduate Thesis: Graded S/U or Letter grade. Occasional.

HIS 5067  CAH-HIST  3(3,0)  Introduction to Public History: PR: Graduate status or senior standing or C.I. Examine and discuss the practice of history in museums, archives, documentary publishing, media, historical societies and government agencies. Occasional.

HIS 5083  CAH-HIST  3(3,0)  Cultural Heritage Management: PR: Graduate standing, HIS 5067, or C.I. Readings in the debates and issues of international management of cultural heritage and property, including introduction to UNESCO standards. Occasional.

HIS 5095  CAH-HIST  3(3,0)  Readings in Historic Preservation: PR:  HIS 5067 or C.I. Course will expose students to major theoretical conversations in Historic Preservation including law, sustainability, and cultural resource management. Occasional.

HIS 5925  CAH-HIST  3(3,0)  History in the Digital Age: PR:  Graduate standing or C.I. Readings in the history, theory, and methodologies of digital historical practices from precedents in New Social History to the present, including use in Public History. Even Fall.

HLP 2701  ED-CFCS  3(3,0)  Peer Education Training: PR:  Sophomore standing and C.I. Strategies for teaching life skills and health education information for secondary students and college age peers Fall, Spring.

HSA 3012  HPA-HP  3(3,0)  Issues & Trends in Public Health: PR: Sophomore standing and (CGS 1060C or CGS 2100C). The American public health system, looking at the historical, present day, and future organization and management of all its components. Occasional.

HSA 3111  HPA-HP  3(3,0)  U.S. Health Care Systems: PR:  (CGS 1060C or CGS 2100C) and Sophomore Standing. A survey of the economics, social, and political aspects of the health care system in the United States. Fall, Spring.

U.S. Courses and Descriptions

HSA 3222 HPA-HP  3(3,0)

HSA 3430 HPA-HP  3(3,0)
Health Economics: PR: HSA 3111; ECO 2020 or C.I. To provide an application of economic principles to analyze how different economic incentives affect patients, providers, and policymakers in behaviors of the delivery of health services. Fall, Spring.

HSA 4109 HPA-HP  3(3,0)
Principles of Managed Care: PR: HSA 3111 or C.I. Course will introduce the contractual, financial, and practice pattern components of managed care. Even Fall, Spring.

HSA 4180 HPA-HP  3(3,0)
Organizations & Management for Health Agencies I: PR: HSA 3111 or admitted to HIM program. General description and analysis of the management and organization of a variety of healthcare organizations including hospitals, long term care facilities and medical group practices. Fall, Spring.

HSA 4184 HPA-HP  3(3,0)
Organizations & Management for Health Agencies II: PR: HSA 3111 and HSA 4180, or C.I. In-depth analysis of the management and organization of healthcare organizations including hospitals, long term care facilities, and medical group practices. Fall, Spring.

HSA 4220 HPA-HMI  3(3,0)

HSA 4502 HPA-HP  3(3,0)

HSA 4702 HPA-HP  3(3,0)
Health Sciences Research Methods: PR: (STA 2041C or STA 2023) and Junior Standing, or C.I. Introduction to research design in the Health Sciences, including design, literature review, testing, analysis, and conclusions. Fall, Spring.

HSC 2021 HPA-HP  2(2,0)
Health Care Automation: PR: HSA 4191 HPA-HP  3(3,0) and HSC 2921 HPA-HPA  2(2,0). Introduction to the Allied Health Professions: PR: LEAD Scholars Program. Seminar for LEAD Scholars in the College of Health & Public Affairs providing a foundation of leadership, scholarship, and service regarding disciplines in the college. Occasional.

HSC 2921 HPA-HPA  2(2,0)
LEAD Colloquium: PR: Accepted to the LEAD Scholars Program and have completed at least two of the following with a B (3.0) or better: HSC 1931C, EGS 1030C, IDS 1040C, HSC 1910C or EDG 1005C. Experienced leadership in an appropriate setting with the LEAD Scholars Program. May be repeated for credit. Occasional.

HSC 3110 HPA-HP  3(3,0)
Medical Self Assessment: PR: Sophomore Standing. Development of clinical skills and understanding of one's health to encourage active participation of individuals in their own health care. Fall, Spring.

HSC 3147 HPA-HP  3(3,0)

HSC 3211 HPA-HPA  3(3,0)
Preventive Health Care: PR: PCB 3700C. An overview of biologic, behavioral, and environmental factors associated with the prevention of disease. Fall, Spring.

HSC 3402 HPA-HPA  3(3,0)
Occupational Safety for the Health Care Professional: PR: ZOO 3733C and PCB 3700C, or C.I. Anomalies in physiologic functioning of the human body, with focus on the etiology, pathology, and clinical manifestations of the immune, cardiovascular, respiratory, and renal systems. Fall, Spring.

HSC 4559 HPA-HP  3(3,0)
Pathophysiology: PR: HSA 3111 or C.I. Historical, sociocultural and economic factors in community health; current community health problems; interplay of governmental, voluntary and private agencies. Fall, Spring.

HSC 4572 HPA-HP  3(3,0)
Clinical Nutrition: PR: HUN 2201. Basic principles of both normal and medical nutrition therapy associated with chronic and chronic diseases of public health importance. Fall, Spring.

HSC 4622 HPA-HP  3(3,0)
Health Law and Ethics: PR: ENC 1102 and Junior Standing, or C.I. Overview of the legal and ethical issues faced by health care consumers, practitioners, administrators and health care facilities. Fall, Spring.

HSC 4700 HPA-HP  3(3,0)
Advanced Research & Methodology: PR: (STA 2014C or STA 2041C and STA 2045C, or STA 2046C). General statistical methods for research design in the Health Sciences, including selection of appropriate statistical tests, data analysis, interpretation of results, and writing of scientific reports. Fall, Spring.

HSC 5317 ED-EDP  3(3,0)
Health Methods: Teaching Strategies and Interventions: PR: Admission to Graduate Certificate in Health and Wellness or C.I. Application of the knowledge of teaching strategies, methodology, and curriculum to develop a comprehensive school health program. Occasional.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Department</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 2020</td>
<td>CAH-PHIL</td>
<td>Encountering the Humanities: The range of ideas, research methods and approaches to scholarship, critical reflection, and creative work in the humanities.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 2210</td>
<td>CAH-PHIL</td>
<td>Humanistic Traditions I: An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on ancient civilizations and the cultural heritage stemming from them. Primary sources in translation are emphasized. Fall, Spring.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 2210H</td>
<td>CAH-PHIL</td>
<td>Honors Humanistic Tradition I: PR: Permission of Honors. An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on ancient civilizations and the cultural heritage stemming from them. Primary sources in translation are emphasized. Honors content. Fall.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 2230</td>
<td>CAH-PHIL</td>
<td>Humanistic Tradition II: An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on modern civilizations and their contributions to the Global Village. Primary sources in translation are emphasized. Fall, Spring.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 2230H</td>
<td>CAH-PHIL</td>
<td>Honors Humanistic Tradition II: PR: Permission of Honors. An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on modern civilizations and their contributions to the Global Village. Primary sources in translation are emphasized. Honors content. Spring.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>HUM 3252</td>
<td>CAH-PHIL</td>
<td>Contemporary Humanities: PR: ENC 1102 or C.I. Multicultural study of Philosophy and the arts of the 20th century. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3255</td>
<td>CAH-PHIL</td>
<td>Medieval Humanities: PR: ENC 1102 or C.I. Multicultural study of Philosophy and the arts of the modern period. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3307</td>
<td>CAH-PHIL</td>
<td>Memory and Testimony: PR: HUM 2210 and HUM 2230 and Junior standing. Interdisciplinary exploration of personal and public memory, focusing on the significance of memory and testimony for our sense of self, family, community, culture, and nation. Odd Spring.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3320</td>
<td>CAH-PHIL</td>
<td>Contemporary Multicultural Studies: PR: HUM 2210 and Junior standing, or C.I. Studies the influence of diverse cultures making up North America in the Information Age, focusing on complete primary sources in philosophy, literature, visual and performing arts. Even Fall.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3326</td>
<td>CAH-PHIL</td>
<td>Theories of Sex and Gender in Humanities: PR: HUM 2210 and HUM 2230, or C.I. Historical and contemporary theories of sex and gender relevant in interdisciplinary Humanities. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3394</td>
<td>CAH-PHIL</td>
<td>Representations of Place and Space: PR: HUM 2230 or C.I. Phenomenological, symbolic, constructivist, and determinist approaches to personal and social place and space. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3401</td>
<td>CAH-PHIL</td>
<td>Asian Humanities: PR: HUM 2230, Asian Studies minor, or C.I. An interdisciplinary survey of the cultures of India, China, and Japan, concentrating on their traditional art, literature, religion, philosophy, and music. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3419H</td>
<td>CAH-PHIL</td>
<td>Honors Islamic Thought and Culture: PR: HUM 2230, or REL 2300, and Consent of Honors. The development of Islamic thought and culture, concentrating on religious studies, Islamic studies, science and art with special focus on perception of Islam in Western literature and scholarship. With Honors content. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3423</td>
<td>CAH-PHIL</td>
<td>African Humanities: PR: HUM 2230, HUM 3320, or C.I. Contemporary art, culture, and philosophy in selected African countries. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3431</td>
<td>CAH-PHIL</td>
<td>Ancient Humanities: PR: HUM 2230 or C.I. Development of Ancient Greek thought and culture with emphasis on philosophy, religion, literature and art. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3435</td>
<td>CAH-PHIL</td>
<td>Medieval Humanities: PR: ENC 1102 or C.I. Development of Medieval thought and culture with emphasis on Philosophy, Religion, Literature and Art. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3460</td>
<td>CAH-PHIL</td>
<td>Latin American Humanities: PR: HUM 2210 or C.I. Ideas in cultures of Latin America and Caribbean Basin as expressed in arts, architecture, music, philosophy, religion, literature and film. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3800</td>
<td>CAH-PHIL</td>
<td>Research Methods in Humanities: PR: Junior standing, and Humanities or Philosophy major or C.I. Research skills for the humanities, including methodologies, writing techniques, essay structuring, formatting, and methods for citing references and constructing bibliographies. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3805</td>
<td>CAH-PHIL</td>
<td>Critical Theory in the Humanities: PR: HUM 2210 and HUM 2230, or C.I. Theories of interpreting technologies, texts, and practices, with emphasis on film, visual/performing arts, music, religion, and philosophy. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 3830</td>
<td>CAH-PHIL</td>
<td>Introduction to Digital Humanities: PR: Grade of &quot;C&quot; (2.0) or better required in one of the following: ENC 1101, ENC 1102, PHI 2101, HUM 2210, or HUM 2230 or C.I. Investigation of the application of digital tools to humanities questions, and to questions about contemporary life. Fall.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4301</td>
<td>CAH-PHIL</td>
<td>The Classical Ideal: PR: HUM 2210 or C.I. The search for order and form in the arts of various times and cultures. Concerns reason, structure, objectivity, harmony. Open to all Juniors and Seniors. Spring.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4330</td>
<td>CAH-PHIL</td>
<td>Performance Theory: PR: Junior standing and HUM 2230 and either PHI 2101, PHI 2102, or C.I. Traditional and contemporary theories of performance with a focus on linguistic performatives, bodily and virtual performances, self-identity, and the politics of performance. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4459</td>
<td>CAH-PHIL</td>
<td>American Cultural Studies in Humanities: PR: HUM 2210 and HUM 2230, or C.I. Theories of intersecting race, class, gender, migration, ability, and national identity in North America. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4823</td>
<td>CAH-PHIL</td>
<td>Queer Theory in the Humanities: PR: HUM 2210 and HUM 2230 and Junior standing or C.I. Developments in queer theory. Challenge to research by scholars, activists, performers, and visual artists. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4826</td>
<td>CAH-PHIL</td>
<td>Postcolonial Theory: PR: HUM 2210 and HUM 2230; Junior standing. Interdisciplinary overview of postcolonial philosophy, literature, film, art and cultural theory. Even Fall.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4931</td>
<td>CAH-PHIL</td>
<td>Key Figures in the Humanities &amp; Cultural Studies: PR: HUM 2020 or C.I. Study of a central Humanities/Cultural Studies figure’s work, influences, reception, and effect. May be repeated for credit only when course content is different. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 4932</td>
<td>CAH-PHIL</td>
<td>Key Concepts in Humanities &amp; Cultural Studies: PR: HUM 2020 or C.I. Study of the development, meaning, and implications of a central concept in the Humanities and Cultural Studies. May be repeated for credit only when course content is different. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 5802</td>
<td>CAH-PHIL</td>
<td>Applied Contemporary Humanities: PR: HUM 5803, graduate status or senior standing, or C.I. Development of an application research project relevant to contemporary cultural issues, using Humanities theories and methods. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 5803</td>
<td>CAH-PHIL</td>
<td>Theories and Methods of the Humanities: PR: Senior undergraduate status or C.I. A case-study approach to contemporary ethical issues. Students will apply critical thinking skills and ethical theories to interdisciplinary problems and will participate in team debates. With Honors content. Fall.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>HUM 5804</td>
<td>CAH-PHIL</td>
<td>Honors Symposium II: PR: Permission of Honors. Readings, lectures, discussions, and laboratories covering aspects of scholarship and service learning. Graded S/U.</td>
<td>2(2,1)</td>
</tr>
<tr>
<td>IDH 1921H</td>
<td>HBC-HON</td>
<td>Honors Symposium II: PR: IDH 1920H. Readings, lectures and discussions covering aspects of scholarship, artistic, and other creative efforts. Graded S/U.</td>
<td>2(2,0)</td>
</tr>
<tr>
<td>IDH 3600H</td>
<td>CAH-PHIL</td>
<td>Honors Case Studies in Ethics: PR: Permission of Honors or C.I. A case-study approach to contemporary ethical issues. Students will apply critical thinking skills and ethical theories to interdisciplinary problems and will participate in team debates. With Honors content.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>IDH 4030H</td>
<td>BHC-HON</td>
<td>Honors Windows To The World: PR: Permission of Honors and IDH 1921H, enrolled in Accelerated Pre-med Program; or C.I. Students will cultivate an active sense of the liberal arts and sciences as they prepare for prestigious scholarships and graduate school. Graded S/U. May be repeated for credit. Occasional.</td>
<td>3(0,0)</td>
</tr>
<tr>
<td>IDS 1040C</td>
<td>COS-COMM</td>
<td>Foundations of Leadership: PR: LEAD Scholars Program; Seminar for LEAD Scholars in the College of Arts &amp; Sciences providing a foundation of leadership, scholarship, and service regarding disciplines in the college. Fall, Spring.</td>
<td>2(1,1)</td>
</tr>
<tr>
<td>IDS 2042C</td>
<td>COS-COS</td>
<td>Foundations of Counseling: PR: Must have completed 2 of the following with a grade of B or better: IDS 1040C, GEB 1091C, HSC 1931C, EGS 1036C, EDG 1005, or EDF 1930C. Experiential leadership in an appropriate setting with the LEAD Scholars Program. Occasional.</td>
<td>2(1,1)</td>
</tr>
</tbody>
</table>

Coercion in International Politics: PR: ENCI 1102 or POS 2041 or C.I. Examination of the role of coercive techniques among states in a nuclear age, ranging from nuclear strategy and deterrence to wars of national liberation and coups. Even Fall.

Global Environmental Politics: PR: ENC 1102 or POS 2041 or C.I. The unique environmental struggles and political issues that occur on the international and global levels. Fall.

International Environmental Law: PR: ENC 1102 or POS 2041 or C.I. Examination of global efforts to establish a treaty regime for environmental protection of earth’s biosphere when challenged by national sovereignty and environmental and economic diversity. Occasional.

The Intelligence Community: PR: ENC 1102 or POS 2041 or C.I. The intelligence community structure in its relationship to foreign policy decision making, consideration of control and reliability questions, and issues of cooperation and competition. Spring.

International Law: PR: ENC 1102 or POS 2041 or C.I. The nature, evolution, and sources of international law and examination of various sub-areas as recognition, maritime law, nationality, and war. Fall.

Space Law: PR: Junior standing, or C.I. Examination of the legal regime of outer space from both international and national perspectives, and the legal problems arising from human activity in space. Occasional.

International Organizations: PR: ENC 1102 or POS 2041 or C.I. The study of the structure and workings of international organizations of cooperation, including the UN, its affiliates, and various regional organizations. Even Fall, Odd Spring.

International Relations Theory: PR: ENC 1102 or POS 2041 or C.I. Theoretical trends prevalent in the study of international relations, including realism, liberalism, Marxism, feminism, and post-modernism. Fall.

Politics of International Trade Policy: PR: ENC 1102 or POS 2041 or C.I. Key actors and processes of international trade policy-making at the sub-national, national, state, regional, and global levels of analysis. Occasional.

Military in World Politics: PR: POS 2041, or IRIN 2002, or C.I. Civil-military relations and its relevance to international relations and comparative politics. Occasional.

Military Space Policy: PR: ENC 1102 or POS 2041 or C.I. Politics and policymaking involved in militaries globally, consideration of effects on globalization and international policies economic and military. Occasional.

EXCEL Seminar I: PR: Admission to EXCEL program. Study skills, faculty networking, exposure to STEM professionals. Graded S/U. Fall.

EXCEL Seminar II: PR: Admission to EXCEL program. Study skills, faculty networking, exposure to STEM professionals, STEM shadowing experience. Graded S/U. Spring.
JOU 3912 COS-COMM 3(3,0)
Collaborative Experiential Research Practicum: PR: Either SPC 1628, SPC 1620C or COM 1000, and C.J. Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times. Occasional.

JOU 4181 COS-COMM 3(3,0)
Public Affairs Reporting: PR: Journalism major, and a minimum grade of "C" (2.0) in JOU 2100C and a minimum grade of "C" (2.0) in JOU 2101. Reporting on city, county and state government. Occasional.

JOU 4211C COS-COMM 3(2,1)
Informational Graphics: PR: Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Use of boxes, charts and graphics in the print media. Occasional.

JOU 4213C COS-COMM 3(2,1)
Page Design: PR: Journalism major and JOU 3201. Designing news pages, including stories, headlines, and other content. Fall, Spring.

JOU 4224 COS-COMM 3(3,0)
Magazine Editing and Production: PR: Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C. Magazine production, including writing and editing skills, and editorial requirements. Spring.

JOU 4300 COS-COMM 3(3,0)
Feature Writing: PR: Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C. Writing feature articles for newspapers and magazines. Fall, Spring.

JOU 4306C COS-COMM 3(1,2)
Critical Writing: PR: Journalism major or Magazine Journalism minor. Writing reviews of movies, plays, television programs, concerts, books, and other cultural works. Occasional.

JOU 4308 COS-COMM 3(3,0)
Freelance Writing: PR: Journalism major or Magazine Journalism minor. A study of the techniques and procedures of freelance writing, including the preparation of several manuscripts. Occasional.

JOU 4340C COS-COMM 3(1,3)
Online Journalism I: PR: Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. The development, impact and problems of using the Internet as a journalistic tool. Write and design news for the Web. Occasional.

JOU 4341C COS-COMM 3(1,3)
Online Journalism II: PR: JOU 4340C. Study, design, and development of online journalism materials. Occasional.

JOU 4342C COS-COMM 3(3,1)
Multimedia Journalism: PR: Journalism major and a minimum grade of "C" (2.0) in JOU 2100C and MMC 3200, and Senior standing. Combining print and electronic technologies to transmit information to the public. Fall, Spring.

JOU 4700 COS-COMM 3(3,0)
Journalism Ethics: PR: MMC 3200. Ethical problems, codes, and practices in newsrooms. Fall, Spring.

JPN 1120C CAH-LANG 4(3,1)
Elementary Japanese Language and Civilization I: Introduces the student to Japanese culture, though the major language skills: listening, speaking, reading and writing. Open only to students with no experience in the language. Fall.

JPN 1121C CAH-LANG 4(3,1)
Elementary Japanese Language and Civilization II: PR: JPN 1120C or equivalent. Continuation of JPN 1120C. Spring.

JPN 2200 CAH-LANG 3(3,1)
Intermediate Japanese Language and Civilization I: PR: JPN 1121C or equivalent. This course aims to aid in acquiring and refining the acquisition of the four skills in modern Japanese: speaking, listening, reading, and writing. The emphasis is on accurate communication in Japanese. The culture of Japan will also be studied. Fall.

JPN 2201 CAH-LANG 3(3,1)
Intermediate Japanese Language and Civilization II: PR: JPN 2200 or equivalent. Continuation of JPN 2200 with emphasis on Japanese civilization. Spring.

JPN 2952 CAH-LANG 3(3,0)

JPN 3760 CAH-LANG 3(3,0)
Advanced Japanese Civilization: PR: JPN 1121C or equivalent proficiency. Communication in conversational Japanese to enhance knowledge of the sound changes, speech functions and styles in verbal discourse. Occasional.

JST 3005 CAH-JUD 3(3,0)

JST 3100 CAH-JUD 3(3,0)

JST 3120 CAH-JUD 3(3,0)

JST 3121 CAH-JUD 3(3,0)
Classic Texts of Judaism: PR: ENC 1102. Scriptures, post-Biblical Rabbinic writings, Exegesis, Apocrypha, Qurann comments, Mishnah, Talmud, the Siddur, as well as Jewish mystical writings. Occasional.

JST 3125 CAH-JUD 3(3,0)

JST 3126 CAH-JUD 3(3,0)

JST 3144 CAH-JUD 3(0,1)
Dead Sea Scrolls: PR: Junior standing or C.J. The Dead Sea Scrolls, their literary and historical context, and significance. Occasional.

JST 3190 CAH-JUD 3(3,0)
The Biblical Prophets: PR: ENC 1102. Writings of the biblical prophets, Isaiah, Jeremiah and Ezekiel against the backdrop of their historical and cultural context. Occasional.

JST 3210 CAH-JUD 3(3,0)

JST 3312 CAH-JUD 3(3,0)
Identity and Genre: PR: ENC 1102 or C.J. Jewish and Hebrew literature as related to the intellectual quest for Jewish identity and modernism in the 18th and 19th centuries. Occasional.

JST 3401 CAH-JUD 3(3,0)
Jewish People in Antiquity: PR: ENC 1102. History and culture of the Jewish people from the beginnings of Judaism in the biblical era through the Graeco-Roman and rabbinic periods. Fall.

JST 3402 CAH-JUD 3(3,0)

JST 3415 CAH-JUD 3(3,0)

JST 3417 CAH-JUD 3(3,0)

JST 3424 CAH-JUD 3(3,0)
Biblical Archaeology: PR: ENC 1102. Examines archaeological excavations in Israel and the ancient Near East to shed light on events and stories recorded in the Bible. Occasional.

JST 3450 CAH-JUD 3(3,0)
Modern Jewish Experience: PR: ENC 1102 or C.I. Reading in literature depicting the modern Jewish experience in the past 150 years in the Jewish transition from ghetto and traditional life to modernity in Europe, America and pre-state Israel. Occasional.

JST 3481 CAH-JUD 3(3,0)
20th Century Hebrew History and Thought: PR: ENC 1102 or C.I. Study of philosophers such as Buber, Rosenzweig, Kaplan, Heichel, Borowitz, Soloveitchik, within the historical context of European immigration to the U.S. Occasional.

JST 3510 CAH-JUD 3(3,0)
Notable Women in Jewish History: PR: ENC 1102 or C.I. Historical and cultural role of exceptional women in Judaism. Occasional.

JST 3550 CAH-JUD 3(3,0)
Introduction of Modernism into Judaism: The transition from traditional Judaism to modern Judaism in the 18th century, as epitomized by Moses Mendelssohn and writers of the Jewish Enlightenment (in translation). Occasional.

JST 3551 CAH-JUD 3(3,0)
The Holy and the Profane: The Introduction of Secularism into Modern Judaism: PR: ENC 1102 or JST 3401 or JST 3402. Examines cultural, religious, and social processes from traditional Judaism to the beginning of secularism in 18th-19th century European Jewry by studying Hebrew & Jewish Enlightenment. Occasional.

JST 3620 CAH-JUD 3(3,0)

JST 3701 CAH-JUD 3(3,0)

JST 3751 CAH-JUD 3(3,0)

JST 3803 CAH-JUD 3(3,0)
The Israeli Experience in Short Stories: PR: ENC 1102. The Israeli experience in contemporary short stories. Themes include Judaism - Past & Present; War & Peace; Society, the Holocaust, the Kibbutz and Israeli reality. Occasional.

JST 3810 CAH-JUD 3(3,0)
UCF Courses and Descriptions

JST 3820 CAH-JUD (3,0)
Modern Israelite Culture: PR: ENC 1102. Development of the State of Israel. Political and ideological struggle for the establishment of the State of Israel, with emphasis on forces which shaped contemporary Israeli society and politics. Occasional.

JST 3821 CAH-JUD (3,0)
Building a Nation - the Challenges to and Accomplishments of the State of Israel: PR: Grade of “C” (2.0) or better in ENC 1102 or C.I. Development of Israel as a nation, including elements of nation building, the role of religion, culture, science, hi-tech and higher education. Occasional.

LAE 3414 ED-TL&L (3,0)
Literature for Children: PR: Admission to Undergraduate Education Program or C.I. Criteria for analysis and evaluation of children’s literature in terms of interests, needs, and abilities of children. Fall, Spring.

LAE 4314 ED-TL&L (3,0)
Language Arts in the Elementary School: PR: EDG 4410 or C.I. Content, principles, materials, and techniques involved in teaching, speaking, listening, writing, and reading in the elementary school, organizing for instruction. Fall, Spring.

LAE 4342 ED-TL&L (3,0)
Programs in Teaching Language and Composition: PR: EDG 4410; CR: LAE 3435 and LAE 3940. Special programs, strategies and materials for middle and secondary English Language Arts majors. Emphasis on individual needs of students. Fall.

LAE 4360 ED-TL&L (3,0)
English Instructional Analysis: PR: EDG 4410, EDF 4490, TSL 4080, and LAE 4450. CR: LAE 3432 and LAE 3940. Course objectives for a school curriculum and methods for lesson materials which have special application for teaching English at the middle grades and high school. Fall, Spring.

LAE 4361 ED-TL&L (3,0)
Literacy Strategies for Middle and High School: PR: EDG 4410 or C.I. Theory, teaching strategies, and resources for effective middle and high school reading programs, to assist pre-service teachers to understand content reading. Fall, Odd Spring.

LAE 4464 ED-TL&L (3,0)
Survey of Adolescent Literature: PR: ENC 1101 and admission to the college. This course is designed to explore adolescent/young adult literature from an educational and historical perspective. Spring.

LAE 5195 ED-TL&L (3,0)
CFWP Teacher Consultant: PR: C.I. This course is designed for Fellows of the CFWP Summer Institute who will plan, practice, and present innovative interventions to public schools. Occasional.

LAE 5295 ED-TL&L 1-3(1-3,0)
Writing Workshop: PR: C.I. Students will engage in exploration and practice of effective writing strategies. (May be repeated up to 3 semester hours.) May be repeated for credit. Occasional.

LAE 5319 ED-TL&L (3,0)
Methods of Elementary School Language Arts: PR: Graduate standing. Principles, procedures, organization and current practices in reading, writing, listening, and talking. Fall.

LAE 5337 ED-TL&L (3,0)
Literacy Strategies for Middle and Secondary Teaching: PR: EDG 6415 or C.I. Designed to assist teachers and graduate students in understanding the adolescent learner. This course will examine theory, strategies, research, resources, and implementation options for effective middle and secondary literacy programs. Fall, Spring.

LAE 5338 ED-TL&L (3,0)
Teaching Writing in Middle and High School: PR: EDG 6415 or C.I. Techniques and methods in teaching dialectal reasoning, and the various grammars within the context of writing. Fall, Spring.

LAE 5346 ED-TL&L (3,0)
Methods of Teaching English Language Arts: PR: EDG 6415 and TSL 5060 or C.I. or admission to Initial Teacher Professional Preparation certificate. Designed for alternative certification and Masters of Arts students to explore the strands, methods and materials related to school curriculum in teaching English. Fall, Spring.

LAH 4503 CAH-HIST (3,0)
History of South America: PR: WOH 2022 or C.I. History of South America by focusing on themes of economic, social, and cultural history in the 19th and 20th centuries. Occasional.

LAH 4512 CAH-HIST (3,0)

LAH 4630 CAH-HIST (3,0)
History of Modern Brazil: PR: WOH 2022 or C.I. Major themes of the history of modern Brazil (ca. 1750-present). Occasional.

LAH 4742 CAH-HIST (3,0)
The Mexican Revolution: PR: AMH 2020 or C.I. Political and social history of Mexico since 1910 and domination of one party rule for over 70 years. Occasional.

LAH 4780 CAH-HIST (3,0)

LAH 5713 CAH-HIST (3,0)
Colloquium in U.S.-Latin American Relations: PR: Graduate status or senior standing or C.I. The course will analyze U.S.-Latin American relations from an historical perspective. It will be presented through readings and discussion of selected materials. Occasional.

LAH 5920 CAH-HIST (3,0)
Colloquium in Latin American History: PR: Graduate standing or C.I. Examines the major themes and historiography of recent works on Latin American history. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.

LAS 3002 CAH-LAS (3,0)
Topics in Latin American Studies: PR: SPN 1121C or SPN 2200 or equivalent or C.I. Contemporary issues in Latin America including, among others, transitional events in culture, politics, education, and business. Fall, Spring.

LAS 3101 CAH-LAS (3,0)

LAS 4023 CAH-AS (3,0)
African Caribbean Experience: PR: ENC 1102 or C.I. Interdisciplinary study of the evolution of African Caribbean culture, its influence on institutions, social and political movements, and contemporary Caribbean society. Occasional.

LDR 2001 UGST-INTERDISC (2,0)
Foundations of Leadership: PR: Student enrolled in LEAD Scholars, Leadership Studies minor or certificate. Introductory study into the foundations of leadership, including leadership theories and related principles and practices. Fall.

LDR 2002 UGST-INTERDISC (2,0)

LDR 2262 UGST-INTERDISC (1,0)
Focused Volunteer Community Service: Students will engage in volunteer experiences and reflect upon the value of those experiences. Graded S/U. Fall, Spring.

LDR 3215 UGST-INTERDISC (2,0)
Leadership Through Service: An Advanced Leadership Experience: PR: LDR 2001 and LDR 2002. Theories, processes, and leadership role in social change will be explored, contemporary leadership theories and practices related to citizenship and civic engagement will be studied, and leadership will be practiced in various settings. Fall.

LDR 3950 UGST-INTERDISC (2,0)
Leadership in Action: Capstone Experience for LEAD Scholars: PR: LDR 3215. Leadership issues and theories, including related principles and practices. Students will develop a professional portfolio, reflect on their course of study, practice public speaking, and articulate their leadership philosophy. Spring.
LIT 3834 CAH-ENG 3(3,0)
Chinese Poetry in Translation: PR: Grade of “C” (2.0) or better in ENC 1102, or C.I. Chinese poetry in English translation. Offered as a survey or with focus on particular periods, movements, or styles. Occasional.

LIT 3835 CAH-ENG 3(3,0)
Translated Modern Chinese Novels: PR: Grade of “C” (2.0) or better in ENC 1102, or C.I. Chinese novels in English translation from the modern and contemporary periods. Occasional.

LIT 3805 CAH-ENG 3(3,0)
Directed experience in Literature: PR: ENC 1102, C.I. Individualized topics of study and/or research in literature with personalized faculty direction. May be repeated for credit. Occasional.

LIT 3931 CAH-ENG 3(3,0)
Topics in World Literature: PR: Grade of “C” (2.0) or better required in ENC 1102 or C.I. Themes, modes, and genres from literature outside of the U.S. Occasional.

LIT 3932 CAH-ENG 3(3,0)
Topics in Popular Fiction: PR: Grade of “C” (2.0) or better required in ENC 1102 or C.I. Examines genres in popular fiction such as the western, roman, detective, fantasy, horror, or mystery. Occasional.

LIT 3933 CAH-ENG 3(3,0)
Literature and Law: PR: Grade of “C” (2.0) or better in ENC 1102 or C.I. Reading, analysis, and discussion of law, crime, and punishment in literature from historical or contemporary perspectives. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.

LIT 3933H CAH-ENG 3(3,0)

LIT 4043 CAH-ENG 3(3,0)
Modern Drama as Literature: PR: Grade of C (2.0) or better required in ENG 3014. A study of important plays, playwrights, themes, movements, and styles in modern American, British, and European drama. Occasional.

LIT 4184 CAH-ENG 3(3,0)
Irish Literature: PR: Grade of C (2.0) or better required in ENG 3014. Study of literature written in Ireland, within the context of Irish history, politics, culture and colonial experience. Occasional.

LIT 4233 CAH-ENG 3(3,0)
Postcolonial Theory and Literature: PR: Grade of C (2.0) or better required in ENC 3014. Focus on the nature of colonial discourse, the strength of postcolonial rewritings, and the relationship of postcolonial theory to other theories. Occasional.

LIT 4244 CAH-ENG 3(3,0)
World Authors: PR: ENG 3014. Study of the works of a single non-British and non-U.S. author who composes in English. May be used in the degree program a maximum of 2 times only when course content is different. Occasional.

LIT 4303 CAH-ENG 3(3,0)
Post-World War II Fiction: PR: Grade of C (2.0) or better in ENG 3014. An investigation of various modes of reality in the works of significant postmodern world authors, crossing cultural boundaries. Occasional.

LIT 4374 CAH-ENG 3(3,0)
Literature of the Bible: PR: Grade of C (2.0) or better required in ENG 3014. Literary forms in the Bible — narrative, poetic, and dramatic — and their reflection in modern literature. Occasional.

LIT 4374H CAH-ENG 3(3,0)
Honors Literature of the Bible: PR: Permission of Honors and ENC 1102H or equivalent credit. Literary forms in the Bible — narrative, poetic, and dramatic — and their reflection in modern literature. Honors content. Occasional.

LIT 4433 CAH-ENG 3(3,0)
Literature of Science and Technology: PR: ENC 1102 and Junior Standing or C.I. Major works of non-fiction that address and describe the history, philosophy, politics, and new ideas in science and technology. Fall.

LIT 4554 CAH-ENG 3(3,0)
Advanced Feminist Theories: PR: Grade of C (2.0) or better required in ENC 1102, WST 3015 or ENG 3014. An advanced exploration of feminist critical theories and practices. Occasional.

LIT 5387 CAH-ENG 3(0,0)
Captive, Housewives, and Coquettes: PR: Graduate status or senior standing or C.I. Course considers early American women’s literature from 17th to 19th centuries. Occasional.

LIT 5389 CAH-ENG 3(3,0)
Studies in Gender and Fiction Writing: PR: Graduate status or senior standing or C.I. Graduate study of gender’s implications for teaching and practice of fiction writing. Occasional.

LIT 5556 CAH-ENG 3(3,0)
Advanced Feminist Theories: PR: Graduate status or senior standing or C.I. Graduate level Feminist Theorists from “French Feminism” to “Critical Race Theories.” Occasional.

MAA 4226 COS-MATH 4(4,0)
Advanced Calculus I: PR: MTH 3302, MAC 2313 and MAS 3106, or C.I. Limits, sequences, and continuity, differentiation and integration. Derivatives of integrals, infinite sequences and series, the Balzano-Weierstrass Theorem and the Heine-Borel Theorem. Extensions in Euclidean n-space. Fall.

MMA 2227 COS-MATH 3(3,0)
Advanced Calculus II: PR: MAA 4226 or C.I. Continuation of MAA 2226. Spring.

MMA 4402 COS-MATH 3(3,0)
Introduction to Complex Variables: PR: MAC 2313 and MAP 2302 and MHP 3302, or C.I. Analytic functions and complex integration. Residue integration, Taylor and Laurent series, conformal mapping and the application of complex analysis to Potential Theory. Spring.

MAA 4934 COS-MATH 3(3,0)
Topics in Analysis: PR: MAS 3106 and MAA 4226, or C.I. Advanced topics in analysis. Selection of topics will vary. May be used in the degree program a maximum of 3 times. Occasional.

MCA 5210 COS-MATH 3(0,0)
Topics in Advanced Calculus: PR: MAS 3105, MAP 2302, or equivalent or C.I. Real numbers, epsilon-delta language, limits, continuity, integration, differentiation, Taylor’s theorem, series, uniform convergence, inverse and implicit function theorems. Fall.

MCA 5228 COS-MATH 3(0,0)
Analysis I: PR: MAS 3106 or C.I. Real numbers, limits, differentiation, Riemann integrals, Riemann-Stieljes integrals, calculus in R^n; metric and normed spaces, contraction mapping theorem, inverse and implicit functions. Fall.

MAC 1105C COS-MATH 3(1,3)
College Algebra: PR: Appropriate score on the UCF Math Placement Exam, or MAT 1033C with a “C” (2.0) or better, or C.I. The circle arc length, identities, trigonometric functions, inverse functions, applications to simple harmonic motion, function of angles, complete development of triangle solutions. Prepares students for upper level mathematics. The “NC” grading policy applies to this course. Fall, Spring.

MAC 1140C COS-MATH 3(1,3)
Pre-Calculus Algebra: PR: Appropriate score on the Math Placement Exam, or MAC 1105C with a “C” (2.0) or better, or C.I. Properties and graphs of polynomials, rational, exponential and logarithmic functions, matrices, sequences and series, conic, induction, binomial theorem. Introduction to limits and basic differential and integral calculus. The “NC” grading policy applies to this course. Fall, Spring.

MAC 1140H COS-MATH 3(3,0)
Honors Pre-Calculus Algebra: PR: Appropriate score on the UCF Math Placement Exam, or MAC 1105C with a “C” (2.0) or better, or C.I. Properties and graphs of polynomials, rational, exponential and logarithmic functions, matrices, sequences and series, conic, induction, binomial theorem, applications of additional honors content. The “NC” grading policy applies to this course. Occasional.

MAC 2147 COS-MATH 5(5,0)
Mathematics for Calculus: PR: Solid background in algebra or trigonometry, or C.I. For students with good mathematics background who do not want to go directly into calculus. Topics include matrices, determinants, permutations, combinations, sequences, series, induction, trigonometric functions. The “NC” grading policy applies to this course. Even Fall, Spring.

MAC 2233 COS-MATH 3(3,0)
Concepts of Calculus: PR: Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a “C” (2.0) or better, or C.I. The differential and integral calculus of a single non-British and non-U.S. author who composes in English. May be used in the degree program a maximum of 3 times. Occasional.

MAC 2253 COS-MATH 3(3,0)
Applied Calculus: PR: Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a “C” (2.0) or better, or C.I. Differential and integral calculus. Applications to engineering technology. Not open to students with credit in MAC 2253 or MAC 2311C. The “NC” grading policy applies to this course. Occasional.

MAC 2311C COS-MATH 4(3,2)
Calculus with Analytic Geometry I: PR: Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a “C” (2.0) or better, or C.I. The circle arc length, identities, trigonometric functions, inverse functions, applications to simple harmonic motion, function of angles, complete development of triangle solutions. Prepares students for upper level mathematics. The “NC” grading policy applies to this course. Fall, Spring.

MAC 2311H COS-MATH 4(4,0)
Honors Calculus with Analytic Geometry I: PR: Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a “C” (2.0) or better and MAC 1141C with a grade of “C” (2.0) or better, or score of 3 or better on the Calculus AB Advanced Placement Exam, and consent of Honors. Analytic geometry; limits, continuity, differentiation of algebraic and trigonometric functions; applications of derivatives; integration and the fundamental theorem of calculus; applications of definite integrals. Not open to students with credit in MAC 2241. The “NC” grading policy applies to this course. Fall, Spring.
MAC 2312 COS-MATH 4(4.0) Calculus with Analytic Geometry II: PR: Grade of ‘C’ (2.0) or better in MAC 2311H or permission of the Calculus AB Advanced Placement Exam, or C.I. Differentiation and integration of exponential, logarithmic, inverse trigonometric functions; techniques of integration; further applications of integration; parametric equations, polar coordinates, infinite sequences and series. Fall, Spring.

MAC 2312H COS-MATH 4(4.0) Honors Calculus with Analytic Geometry II: PR: Grade of ‘C’ (2.0) or better in MAC 2311C, or score of 5 on the Calculus BC Advanced Placement Exam, and permission of Honors. Differentiation and integration of exponential, logarithmic, inverse trigonometric functions; techniques of integration; further applications of integration; parametric equations, polar coordinates, infinite sequences and series. With Honors consent. Fall, Spring.

MAC 2313 COS-MATH 4(4.0) Calculus with Analytic Geometry III: PR: Grade of ‘C’ (2.0) or better in MAC 2312, or score of 5 on the Calculus BC Advanced Placement Exam, or C.I. Geometry of higher dimensional Euclidean space; vectors and vector functions; partial derivatives; multiple integrals; line integrals; vector fields; Green's Theorem and Stoke's Theorem. Fall, Spring.

MAC 2313H COS-MATH 4(4.0) Honors Calculus with Analytic Geometry III: PR: Grade of ‘C’ (2.0) or better in MAC 2312, or score of 5 on the Calculus BC Advanced Placement Exam, and permission of Honors. Geometry of higher dimensional Euclidean space; vectors and vector functions; partial derivatives; multiple integrals; line integrals; vector fields; Green's Theorem and Stoke's Theorem. With Honors consent. Spring.

MAD 2104 COS-MATH 3(3.0) Foundations of Discrete Math: PR: 2 years of high school algebra and 1 year of geometry or C.I. Basic mathematical logic, methods of proof in mathematics, and application to elementary discrete structure. Fall, Spring.

MAD 4203 COS-MATH 3(3.0) Introduction to Combinatorics: PR: MAC 2312, and either MHF 3302 or COT 3100C, or C.I. Counting principles; permutations and combinations, multisets; recurrence relations and generating functions; combinatorial designs; the Polya theory of counting. Fall.

MAD 4301 COS-MATH 3(3.0) Introduction to Graph Theory: PR: Either MHF 3302 or COT 3100C, or C.I. Graph theory; isomorphism, connectivity; traversability, matchings, factorizations; planarity, colorings, and Ramsey number. Spring.

MAD 4934 COS-MATH 3(3.0) Topics in Discrete Mathematics: PR: MAS 3110, and either COT 3100C, or C.I. Advanced topics in discrete mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times. Occasional.

MAD 5205 COS-MATH 3(3.0) Graph Theory I: PR: MAD 4203, graduate standing or C.I. Connections among Hamilton cycles, spanning trees, network flows, matchings, vertex and edge colorings planar graphs, extremal problems, Ramsey theory, spectral graph theory. Odd Spring.

MAE 2801 ED-TL&L 4(3.1) Elementary School Mathematics: PR: PR: MAC 1106, or MGF 1106. Mathematics appropriate for the elementary school including the six basic sets of numbers, concepts, learning sequences, algorithms, problem-solving techniques, error patterns, number systems, and geometry. Fall, Spring.

MAE 3310 ED-TL&L 3(3.0) Elementary Mathematics for Teaching I: PR: Junior standing or C.I. This course will address pedagogical content knowledge for teaching whole number concepts and operations, integer concepts, geometry and algebraic reasoning. Fall, Spring.

MAE 3311 ED-TL&L 3(3.0) Elementary Mathematics for Teaching II: PR: MAC 2110. This course will address pedagogical content knowledge for teaching rational number concepts and operations, measurement, and algebraic reasoning. Fall, Spring.

MAE 4300 ED-TL&L 3(3.0) Math Curriculum and Assessment in Early Childhood: PR: EDG 4207, CPR EEC-3940. Methodologies for teaching and assessing young children in mathematics concepts and skills through an integrated, developmentally appropriate program. Fall.


MAE 4360 ED-TL&L 4(2.2) Mathematics Instructional Analysis: PR: EDC 4410 and MAE 4634. CR: MAE 3940. Study of course objectives for the middle grades and high school curriculum and survey of methods and materials which have special application for teaching mathematics. Fall.


MAE 5327 ED-TL&L 3(3.0) Teaching Middle School Mathematics: PR: EDG 4115 and TSL 5085 or admission to Initial Teacher Preparation certificate. Required special methods course for mathematics 6-12 certification. Assessment, curriculum, technology, practical classroom ideas and activities. Occasional.


MAE 5935 COS-MATH 3(3.0) Post-Secondary Mathematics: PR: Graduate status or senior standing or C.I. The course will focus on issues which are faced by teachers of collegiate mathematics. Topics will be selected from teaching issues, program issues, and other issues. Even Fall.

MAN 3025 BA-MAN 3(3.0) Management of Organizations: PR: Junior standing, approved major or minor, and consent of Honors. Introduction to the theory and practice of managing formal organizations, including planning, organization theory, human behavior and control. Fall, Spring.

MAN 3025H BA-MAN 3(3.0) Honors Management of Organizations: PR: Junior standing, approved major or minor, and consent of Honors. Introduction to the theory and practice of managing formal organizations, including planning, organization theory, human behavior, and control. Applicable to honors students. Spring.

MAN 3026H BA-MAN 3(3.0) Management of Human Resource Management: PR: Junior standing and approved major or minor. Management of human resource management practices and policies. Applicable to all students of management. Fall, Spring.


MAN 3354 BA-MAN 3(3.0) Employee Training for Non-Business Majors: PR: Either MHF 3302 or MAD 4203, or C.I. A consideration of special programs, strategies, and materials. Emphasis on individual needs of students. Spring.

MAN 3520 BA-MAN 3(3.0) Quality & Productivity Management: PR: GEI 3302 or MAN 3025. Employee training needs and processes as performed by supervisors and managers under the direction of organizational specialists. Designed for non-business majors. Occasional.


MAN 4101 BA-MAN 3(3.0) Human Relations in Management: PR: Management major, MAN 3025. The study of individual, interpersonal, group, and intergroup problems in business organizations through the use of cases and experimental exercises. Fall, Spring.

MAN 4240 BA-MAN 3(3.0) Organizations: Theory and Behavior: PR: Management major, MAN 3025. A course providing a macro approach to the study of organizations by integrating organizational theory and organizational behavioral science concepts. Fall, Spring.

MAN 4320 BA-MAN 3(3.0) Human Resources Recruitment and Selection: PR: Management major, MAN 3301. A concentrated investigation of the methods appropriate to the development, implementation and administration of staffing process in contemporary organizations. Fall, Spring.

MAN 4330 BA-MAN 3(3.0) Compensation Administration: PR: Management major, MAN 3301. Presentation of compensation theory and current pay related issues and their application to the design and administration of pay systems in large and small organizations Fall, Odd Spring.

MAN 4350 BA-MAN 3(3.0) Training and Development: PR: Management major, MAN 3301. This course focuses on training and development activities as performed by organizational specialists. Theory, issues, practices and problems are discussed. Fall, Spring.

MAN 4401 BA-MAN 3(3.0) Labor Relations Management: PR: Management major, Junior standing. MAN 3301. The impact of employee relations on labor relations, current problems, conflicts and trends; the development of managerial approaches to achieve labor-management cooperation. Occasional.


MAN 4532 BA-MAN 3(3.0) Introduction to Collaborative Design: PR: Senior standing and C.I. Business students will learn how engineering students to obtain hands on experience at solving real world design problems in a team based environment. Fall, Spring.

MAN 4583 BA-MAN 3(3.0) Project Management: PR: GEI 3301 and MAN 3025. Foundations of project management in assorted business organizations (large/small; manufacturing/service; for profit/not for profit). Covers all project phases from initiation to termination. Occasional.

MAN 4600 BA-MAN 3(3.0) International Management: PR: Approved major or minor. MAN 3025. The course examines issues involved in multinational management of business firms, with special emphasis on comparative management. Fall, Spring.
MAN 4701 BA-MAN 3(3,0) Business Ethics and Society: PR: Management major, MAN 3205. This course applies the ethics dimensions to business decisions in today's complex political, social, economic and technological environment. Fall, Spring.

MAN 4720 BA-MAN 4(4,0) Strategic Management: PR: MAN 3025, MAR 3023, FIN 3403C and GEB 3031. Students assume a strategic view of organizations and integrate and apply material learned in their business courses to modern organizational problems and opportunities. Fall, Spring.

MAN 4802 BA-MAN 3(3,0) New Venture and Small Business Management: PR: GEB 3113 (or MAN 3025 & FIN 3403C), for students minorin in Technological Entrepreneurship the PR is GEB 4152. Legal, organization design, supply chain, and human resource challenges that affect small business success and growth. Fall, Spring.

MAN 4941 BA-MAN 3(0,3) Management Internship: PR: Management major, approval of supervisor, consent of department chair. Provides student with supervised, management-related work experience in a sponsoring organization. See department for information; application required. May be repeated for credit. Occasional.

MAN 5037 BA-MAN 1.5(1,5,0) Management Foundations: PR: Graduate standing or C.I. Theory and practice of managing organizations to include planning, organizational theory, human behavior, and control. Fall, Spring.


MAN 5867 BA-MAN 3(3,0) Small Business Consulting: PR: C.I. Hands-on small business consulting course. Students are assigned teams and work with a local small business. Occasional.

MAP 2302 COS-MATH 3(3,0) Ordinary Differential Equations I: PR: Grade of "C" (2.0) or better in MAC 2313, or C.I. Methods of solution for first order equations. Linear equations. Laplace transforms. Series solutions. Selected applications. Fall, Spring.

MAP 2302H COS-MATH 3(3,0) Honors Differential Equations: PR: Grade of "C" (2.0) or better in MAC 2313, and permission of Honors College. Methods of solution for first order equations. Linear equations. Numerical methods; Laplace transforms. Series solutions. Selected applications. Students will complete projects. For Honors students only. Fall, Spring.

MAP 3402H COS-MATH 3(3,0) Honors Systems Modeling and Simulation: PR: Permission of Honors and MAC 2312. Population growth dynamics; spread of an epidemic; ecological predator-prey relationships; insulin and its use in the control of diabetes; economic systems. Occasional.

MAP 3923 COS-MATH 1(1,0) Frontiers in Mathematical Research: Colloquia and Public Talks: PR: MAP 2302 or C.I. Current research in mathematics and related fields, as presented by leading national and international researchers. May not be used to satisfy requirements for mathematics major or minor. Graded S/U. May be used in the degree program a maximum of 3 times. Fall, Spring.

MAP 4103 COS-MATH 3(3,0) Mathematical Modeling I: PR: MAS 3105 or MAS 3106, or MAP 2302 or C.I. An introduction to the study of mathematical modeling. Spring.


MAP 4153 COS-MATH 3(3,0) Vector and Tensor Analysis: PR: MAS 3105 or MAS 3106, and MAP 2302, or C.I. Vector calculus. The theorems of Green, Gauss and Stokes. Introduction to tensors. Application in engineering and physical sciences. Fall.

MAP 4171 COS-MATH 3(3,0) Optimization: PR: MAP 2313, and MAP 2302, and MAS 3105 or MAS 3106, or C.I. Linear programming, dynamic programming, control theory, integer programming. Occasional.

MAP 4303 COS-MATH 3(3,0) Ordinary Differential Equations II: PR: MAP 2302, and MAS 3105 or MAS 3106, or C.I. Systems of linear differential equations, introduction to numerical solutions, stability theory and phase plane analysis, an introduction to limit cycles, bifurcations and chaos, power series solutions of differential equations. Occasional.

MAP 4341 COS-MATH 3(3,0) Introduction to Partial Differential Equations: PR: MAP 2302, and MAS 3105 or MAS 3106, or C.I. Introduction to second-order linear partial differential equations - heat, wave and Laplace equations, separation of variables in PDEs, Sturm-Liouville eigenvalue problems, Fourier series analysis and Green's functions, Laplace and Fourier transform methods. Occasional.

MAP 4342 COS-MATH 3(3,0) Partial Differential Equations II: PR: MAS 3105 or MAS 3106, and 4341 Green's Functions, Integral Transforms, Laplace and Fourier transforms applied to heat, wave and potential equations, Bessel functions, Legendre functions, Fourier-Bessel series, PDEs in higher dimensions. Spring.

MAP 4371 COS-MATH 3(3,0) Numerical Methods for Differential Equations: PR: MAC 2313, and MAP 2302, and COP 3223, and MAS 3105 or MAS 3106, or C.I. Numerical theory and practices used in solving ordinary differential equations and PDE. Covers Euler's method, multistep methods, Runge-Kutta, error control, finite differences, implicit and explicit schemes, iterative methods, and stability. Fall.


MAP 4484 COS-MATH 3(3,0) Mathematical Biology: PR: MAP 2302, and MAS 3105 or MAS 3106, or C.I. Mathematical models of single populations, predator-prey systems, competition between species, host-parasite systems, epidemics, genetics, excitable systems, Occasional.

MAP 4494 COS-MATH 3(3,0) Mathematical Biology II: PR: MAP 4484. Mathematics of permanence, persistence and stability of ecological communities; competition in special habitats; epidemics; immune system; optimal foraging; cancer modeling; physiological modeling; genetics, protein folding. Occasional.

MAP 4934 COS-MATH 3(3,0) Topics in Applied Mathematics: PR: MAP 2302 and MAS 3105, or C.I. Advanced topics in applied mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times. Occasional.

MAP 5117 COS-MATH 3(3,0) Mathematical Modeling: PR: STA 4321, MAP 4303, graduate standing or senior standing, or C.I. Introduction to modeling in industrial and scientific applications; techniques for studying statistical and deterministic models. Even Fall.


MAP 5426 COS-MATH 3(3,0) Special Functions: PR: MAP 2302, and graduate status or senior standing or C.I. Series and integral representations, generating functions, recurrence relations and orthogonality properties of the special functions. Emphasis on Bessel, Legendre and hypergeometric functions. Occasional.

MAP 5435 COS-MATH 3(3,0) Advanced Mathematics for Engineers: PR: MAP 2302, and graduate status or senior standing or C.I. Linear Algebra and matrix methods, ordinary differential equations, Fourier series, partial differential equations, numerical methods for differential equations, and applications to engineering. Occasional.

MAP 5514 COS-MATH 3(3,0) Linear and Nonlinear Waves I: PR: MAP 2302, and graduate standing or senior standing, or C.I. Equations of motion in inviscous and viscous fluids, energy equation and energy flux, linear theory of gravity and capillary-gravity waves, variational principles for water waves. Occasional.

MAP 5931 COS-MATH 1(1,0) Research Seminar: PR: Graduate status or senior standing or C.I. Four instructors will introduce the students to a research area by presenting necessary background and presenting current investigations. Different branches of mathematics will be presented for a sense of diversity. Occasional.

MAR 3023 BA-MAR 3(3,0) Marketing: PR: Completion of each course in the Business common program prerequisites with a "C" (2.0) or better. Study of how firms create and communicate value in order to build and maintain customer relationships while benefiting the organization and its stakeholders. Fall, Spring.

MAR 3023H BA-MAR 3(3,0) Honors Marketing: PR: Completion of each course in the Business common program prerequisites with a "C" (2.0) or better, and consent of the Honors College. Study of how firms create and communicate value in order to build and maintain customer relationships while benefiting the organization and its stakeholders. Fall, Spring.

MAR 3203 BA-MAR 3(3,0) Supply Chain and Operations Management: PR: Completion of each course in the Business common program prerequisites with a "C" (2.0) or better. Study of the planning and management of all activities involved in processes, assets, and flows of materials and information to meet customers' needs. Fall, Spring.

MAR 3203H BA-MAR 3(3,0) Honors Supply Chain and Operations Management: PR: Completion of each course in the Business common program prerequisites with a "C" (2.0) or better, and consent of the Honors College. Study of the planning and management of all activities involved in processes, assets, and flows of materials and information to meet customers' needs. Fall.

MAR 3323 BA-MAR 3(3,0) Integrated Marketing Communication: PR: MAP 3023 with a grade of "C" (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Planning and execution of advertising, sales promotion, and public relations programs consistent with integrated marketing communications programs. Fall, Spring.

MAR 3391 BA-MAR 3(3,0) Professional Selling: PR: MAP 3023 with a grade of "C" (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Written and verbal communications skills applied to marketing settings. A significant portion of the course is devoted to the study of professional selling. Fall, Spring.

MAR 3391H BA-MAR 3(3,0) Honors Professional Selling: PR: MAP 3023 with a "C" (2.0) or better, and consent of Honors, or C.I. Applied written and verbal communication skills learned within the context of professional selling with honors content. Spring.
MAR 3403 BA-MAR  3(3,0)
Sales Force Management: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. An overview of the sales management process. Emphasis on sales program formulation and implementation. Fall, Spring.

MAR 3503 BA-MAR  3(3,0)
Consumer Behavior: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or minor. End user and business customer buying behavior, building long-term customer relationships, segmentation of markets and positioning strategies. Fall, Spring.

MAR 3613 BA-MAR  3(3,0)
Marketing Analysis and Research: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor and one of the following: STA 3322 with a grade of C (2.0) or better or ECO 3411 with a grade of C (2.0) or better. Analytical tools and their application to marketing problems and decision making, market forecasting, financial analysis, and acquisition of primary data through market research are emphasized. Fall, Spring.

MAR 3641 BA-MAR  3(3,0)
Marketing Intelligence: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Contemporary sources and applications of information concerning external forces impacting market decision making. Fall, Spring.

MAR 3721 BA-MAR  3(3,0)
Digital Media Marketing: PR: MAR 3023 with a grade of C (2.0) or better and completion of common program prerequisites and appropriate major or minor. Application of contemporary technology to marketing decision-making. Occasional.

MAR 3765 BA-MAR  3(3,0)
Entrepreneurial Marketing: PR: MAR 3023 with a grade of C (2.0) or better and completion of common program prerequisites and appropriate Major or Minor. Investigates strategy, policy and the variables in international marketing decisions. Fall, Spring.

MAR 4156 BA-MAR  3(3,0)
International Marketing: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Analysis of the field of retailing. Emphasis on planning for profit through management, inventory control, etc. Occasional.

MAR 4231 BA-MAR  3(3,0)
Retailing Management: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Analysis of the field of retailing. Emphasis on planning for profit through management, inventory control, etc. Occasional.

MAR 4412C BA-MAR  3(3,3)
Strategic Issues in Sales-Lecture: PR: Marketing major, admission to professional selling track, and completion of MAR 4415C with a grade of C (2.0) or better. Advanced study of selected contemporary strategic issues in selling and sales management. Spring.

MAR 4415C BA-MAR  3(3,3)
Advanced Professional Selling: PR: Marketing major and admission to professional selling track. Advanced study of the professional selling process, including team selling, negotiating, customer conflict management, and CRM systems. Fall.

MAR 4711 BA-MAR  3(3,0)
Sport Marketing: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Study of marketing as it applies to the sport and leisure industry. Occasional.

MAR 4712 BA-MAR  3(3,0)
Healthcare Marketing: PR: MAR 3023 with a grade of C (2.0) or better and common program prerequisites and appropriate major or minor. Study of marketing as it applies to healthcare manufacturers, intermediaries and providers. Occasional.

MAR 4715 BA-MAR  3(3,0)
Entertainment Marketing: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Application of marketing theory and tools to the marketing of products and services in the entertainment industry. Occasional.

MAR 4803 BA-MAR  3(3,0)
Marketing Management: PR: MAR 3023 and MAR 3613 each with a C (2.0) or better, Marketing organizing, implementing, monitoring and controlling marketing programs to effectively compete in dynamic and diverse business environments. Fall, Spring.

MAR 4841 BA-MAR  3(3,0)
Services Marketing: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Examination of marketing in services industries, with particular emphasis on unique aspects of services marketing, the service marketing mix, and the implementation of services strategies. Fall, Spring.

MAR 4934 BA-MAR  3(3,0)
Contemporary Marketing Topics in Florida: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate major or Minor. Advanced topics of marketing to major business sectors in the state of Florida, e.g., high technology, health care, sustainable marketing, real estate, tourism, hospitality, sports, gaming, etc. Topics may vary from term to term. May be repeated for credit only when course content is different. Occasional.

MAR 4941 BA-MAR  3(3,0)
Marketing Internship: PR: Marketing major, application approval, consent of department chair. Provides student with supervised, market-related work experience in a sponsoring organization. Application required. Fall, Spring.

MAS 3105 COS-MATH  4(4,0)
Matrix and Linear Algebra: PR: MAC 3212 or C.I. Matrices, determinants, vector spaces in $\mathbb{R}^n$, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, Jordan Canonical Form, matrix functions, quadratic forms. Fall, Spring.

MAS 3105H COS-MATH  4(4,0)
Honors Matrix and Linear Algebra: PR: MAC 3212 and permission of Honors or C.I. Matrices, determinants, vector spaces in $\mathbb{R}^n$, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, Jordan Canonical Form, matrix functions, quadratic forms; with Honors consent. Fall.

MAS 3106 COS-MATH  4(4,0)
Linear Algebra: PR: MHF 3302 and MAC 3212, or C.I. Abstract vector spaces, linear transformations, isomorphisms, projections, inner products, the spectral theorem, Jordan Canonical Form. Fall, Spring.

MAS 3203 COS-MATH  3(3,0)
Introduction to Number Theory: PR: MHF 3302 or C.I. The course will include the following topics: inductive reasoning, factorization, the division algorithm and congruences. Spring.

MAS 4301 COS-MATH  3(3,0)
Abstract Algebra I: PR: MHF 3302 and MAS 3106, or C.I. Sets and mappings, groups, subgroups, permutation groups, homomorphisms and isomorphisms, the isomorphism theorems, groups actions, the class equation, Sylow theorems, and rings. Fall.

MAS 4302 COS-MATH  3(3,0)
Abstract Algebra II: PR: MAS 4301 or C.I. Advanced topics in abstract algebra, including ring theory and field theory; introduction to Galois Theory. Spring.

MAS 4934 COS-MATH  3(3,0)
Topics in Algebra: PR: MAS 3106 and MAS 4001, or C.I. Advanced topics in abstract algebra and discrete mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times. Occasional.

MAS 5145 COS-MATH  3(3,0)
Advanced Linear Algebra and Matrix Theory: PR: MAS 3106 or C.I. Linear spaces, subspaces, linear transformations, matrices, eigenvectors and eigenvalues, Jordan forms, positive definite matrices, bilinear and quadratic forms, functions of matrices. Even Fall.

MAS 5311 COS-MATH  3(3,0)
Algebra I: PR: MAS 4301 or graduate standing or C.I. Prerequisites and appropriate major or minor. Advanced topics in algebra, including ring theory and field theory; introduction to Galois Theory. Even Fall.

MAT 1000 COS-BBGS  3(3,0)
The Invisible World: Introduction to microbes, their beneficial and detrimental activities, and their importance to our everyday lives. Fall.

MAT 4803 COS-BBGS  3(3,0)
Marketing Practicum and Internship: PR: MAS 4301 or graduate standing or C.I. A supervised, market-related work experience. Graded S/U. May be repeated for credit.

MAT 5712 COS-MATH  3(3,0)

MCS 1000 COS-BBGS  3(3,0)
Introduction to Biotechnology and Genetic Engineering: Introduction to theorems, laws, principles, foundations, scientific methods of genetic engineering and biotechnology, and their applications in agriculture, environment and human health. Fall, Spring.

MCS 2004C COS-BBGS  3(3,0)
Microbiology for Health Professionals: PR: BSC 2010C, CHM 1002 or CHM 2045C. A survey of microbiology for the health professional. Spring. MAS fee $53.00.

MCS 2002C COS-BBGS  3(3,0)
General Microbiology: PR: BSC 2010C, CHM 2046, or CHM 2210. Fundamentals of microbiology, evaluation of microbial structure and function, ecological, computer arithmetic, non-linear equations, polynomial interpolation, divided differences, splines, curve fitting, least squares method, numerical differentiation and integration. Even Fall.

MCS 2005C COS-BBGS  3(3,0)

MCS 2002C COS-BBGS  3(3,0)
Microbiology for Health Professionals: PR: BSC 2010C, CHM 1002 or CHM 2045C. A survey of microbiology for the health professional. Spring. MAS fee $53.00.

MCS 2005C COS-BBGS  3(3,0)
**UCF Courses and Descriptions**

**MCB 3316H COM-BSBS 3(3,0)**

**MCB 4114C COM-BSBS 4(3,3)**

**MCB 4201 COM-BSBS 3(3,0)**
Microbial Stress Response: PR: MCB 3020C and PCB 3522. Examination of the molecular genetic mechanisms that bacterial and fungal pathogens use to adapt to changes in their environment. Fall.

**MCB 4204 COM-BSBS 3(3,0)**
Cellular Microbiology: Host-Pathogen Interactions: PR: MCB 3020C. Examination of the molecular details of host-pathogen interactions. Key areas of cell biology will be considered in relation to microbial pathogenesis. Spring.

**MCB 4207 COM-BSBS 3(3,0)**
Infectious Processes: PR: MCB 3020C. The infectious process and the response of host cells and tissue to infection. Fall.

**MCB 4276 COM-BSBS 3(3,0)**
Epidemiology of Infectious Diseases: PR: MCB 3020C. Study of descriptive and analytic epidemiology and its application to the analysis of infectious diseases and in the community health status. Spring.

**MCB 4312 COM-BSBS 3(3,0)**
Biological Metabolism: PR: MCB 3020C. Principles, techniques, and applications of Molecular Biotechnology in genetically modified food, cloning, gene therapy, and forensic; transgenic animals; patent; and regulations. Fall.

**MCB 4404 COM-BSBS 3(3,0)**
Bacterial Genetics and Physiology: PR: PCB 3522. Basic principles of microbial genetic analysis emphasizing how microbial genetic approaches are used to understand fundamental physiological processes in bacteria. Spring.

**MCB 4410 COM-BSBS 3(3,0)**
Cellular Metabolism: PR: PCB 3522 or PCB 3023. Basic concepts of the mechanisms that define the functioning and regulation of prokaryotic and eukaryotic cell metabolism. Fall.

**MCB 4414 COM-BSBS 3(3,0)**
Microbial Metabolism: PR: BSC 3453. Interrelationship between cellular structure function and genetic traits in microorganisms. The interaction between microorganisms and their nutritional environment. Fall. Spring.

**MCB 4503C COM-BSBS 3(3,0)**

**MCB 4603 COM-BSBS 3(3,0)**
Environmental Microbiology: PR: MCB 3020C. Interrelationships between the biological activities of microorganisms and their terrestrial and aquatic environments. Fall.

**MCB 4720 COM-BSBS 3(3,0)**
Industrial Perspectives Seminar: PR: Biotechnology major and CR: MCB 3020C. Concepts and techniques of basic research and drug development. Speakers from the biotechnology/pharmaceutical industry will show applications. Fall.

**MCB 4721C COM-BSBS 4(2,4)**
Methods in Biotechnology: PR: BSC 3453C. Fluorescence and luminescence-based assays in biotechnology applications for target validation. Occasional. M&S fee $70.00

**MCB 4920C COM-BSBS 3(1,4)**
Group-Effect Applied Research: PR: MCB 3020C and BSC 3453C. Hands-on training class focused on real-world, applied research. Students participate as a group in a research project focusing on highly-parallel technical applications. May be used in the degree program a maximum of 2 times when course content is different. Occasional.

**MCB 5205 COM-BSBS 3(3,0)**
Infectious Processes: PR: MCB 3020C or C.I. Discussion of current theories of the infectious process and the response of host cells and tissue to infection. Fall.

**MCB 5208 COM-BSBS 3(3,0)**
Cellular Microbiology: Host-Pathogen Interactions: PR: MCB 3020C. Examination of the molecular details of host-pathogen interactions. Key areas of cell biology will be considered in relation to microbial pathogenesis. Spring.

**MCB 5209 COM-BSBS 3(3,0)**
Microbial Stress Response: PR: Graduate standing or C.I. Examination of the molecular genetic mechanisms, bacterial and fungal pathogens used to adapt to changes in their environment. Fall.

**MCB 5225 COM-BSBS 3(3,0)**

**MCB 5314 COM-BSBS 1(1,0)**
Industrial Perspectives Seminar: PR: Biotechnology MS students. Learning concepts of basic research and development in the pharmaceutical industry and technical presentation. May be used in the degree program a maximum of 2 times. Fall.

**MCB 5415 COM-BSBS 3(3,0)**
Cellular Metabolism: PR: Graduate standing or C.I. Basic concepts of the mechanisms that define the functioning and regulation of prokaryotic and eukaryotic cell metabolism. Fall.

**MCB 5505 COM-BSBS 3(3,0)**
Molecular Virology: PR: Graduate standing or C.I. An in-depth overview of the fundamental aspects and current concerns in modern virology including HIV, tumor viruses Prior discussion in basic virology, genome replication and pathogenesis. Occasional.

**MCB 5654 COM-BSBS 3(3,0)**
Applied Microbiology: PR: MCB 3020C or C.I. Microbial biochemistry of industrial processes including: economics, screening, scale up, quality control and applied genetics. Occasional.

**MCB 5722C COM-BSBS 4(2,4)**
Methods in Biotechnology: PR: Graduate standing. A laboratory course that will train graduate students in fluorescence and luminescence-based assays used in biopharmaceutical industry for target validation. Occasional. M&S fee $70.00.

**MCB 5932 COM-BSBS VAR(VAR,VAR)**
Current Topics in Molecular Biology: PR: Graduate standing or C.I. Selected current research topics from the primary literature reflecting recent advances in molecular biology. May be repeated for credit. Occasional.

**MET 2104 COS-PHY 3(3,0)**
The Earth’s Climate: History, physics and dynamics of the Earth’s climate. Odd Spring.

**MGF 1106 COS-MATH 3(3,0)**
Finite Mathematics: PR: Appropriate score on the UCF Math Placement test, or MAT 1033C with a “C” (2.0) or better, or C.I. Introduction to systematic counting, probability, geometry, and statistics, sets and logic. This course is intended for students who are not planning to take upper level courses in mathematics. Fall.

**MGF 1107 COS-MATH 3(3,0)**
Explorations in Mathematics: The beauty and utility of mathematics, including patterns and symmetry, voting strategies, and fair division techniques between math and music, art, architecture, and nature. This course is intended for students not planning to take upper level mathematics. Fall. Spring.

**MHS 2330 ED-CFCS 3(3,0)**
Career Planning: Introduction to career and life planning theories and concepts that assists students in applying these to their own lives. Odd Fall, Even Spring.

**MHS 2441 ED-CFCS 3(3,0)**
Marriage and Intimate Relationships: Examination of the dynamics of intimate relationships, dating in our culture, and challenges of establishing stable and satisfying marriage, impact of divorce, premarital preparation and marital education. Occasional.

**MHS 5005 ED-CFCS 3(3,0)**
Introduction to the Counseling Profession: PR: Completion of Phase II of Education Professional Preparation or C.I. Overview of the philosophy, organization, administration, and roles of counselors in various work settings. Fall, Spring.

**MLS 3220C COM-BSBS 3(3,3)**
Techniques in Clinical Microscopy: PR: CHM 2210, PCB 3703C or C.I. Analysis of body fluids and urine by chemical and microscopic methods with interpretation and correlation to human disease. Fall. M&S fee $70.00.

**MLS 3305 COM-BSBS 3(3,0)**
Hematology: PR: CHM 2210 and PCB 3703C. Overview of the hematopoietic system and disease states associated with blood and bone marrow. Fall.

**MLS 3305C COM-BSBS 10(6)**
Hematology Lab: PR: MLS 3305. Practical laboratory procedures routinely performed for analyzing hematologic abnormalities. Spring.

**MLS 3705 COM-BSBS 3(3,0)**
Concepts in Education/Management: PR: Admission to professional phase of the MLS Program or C.I. Introduction to laboratory management, health delivery systems, and educational practices in clinical settings. Spring.

**MLS 4334 COM-BSBS 3(3,0)**
Hemostasis: PR: CHM 2210 and PCB 3703C. Overview of hemostatic and fibrinolytic conditions at the time of disease and the relationship of lab tests to diagnosis. Occasional.

**MLS 4430C COM-BSBS 3(2,3)**
Clinical Parasitology: PR: MCB 3020C, CHM 2210, PCB 3703C or C.I. Examination and study of clinical material for the detection and identification of human parasites. Fall. M&S fee $46.00.

**MLS 4460L COM-BSBS 10(6)**
Clinical Pathogenic Microbiology Lab: PR: Admission to the professional phase of the MLS program. GR: MCB 3020C. Laboratory analysis of human pathogens from clinical samples to include bacteria and fungi. Spring. M&S fee $53.00.

**MLS 4505C COM-BSBS 3(3,0)**

---

**UNIVERSITY OF CENTRAL FLORIDA**

496 Undergraduate Catalog 2014-2015
UCF Courses and Descriptions

MUC 1101C CAH-MUSIC 2(1.1)
Composition I: PR: MUT 1122 and MUL 2014 each with a grade of “C” (2.0) or better or C.I. Creative work in small forms. May be repeated for credit. Fall, Spring.

MUC 2104C CAH-MUSIC 1(1.1)
Introduction to Music Education: PR: Graduate standing in music education or C.I. Advanced music composition at the degree level. May be used in the degree program a maximum of 3 times. Fall, Spring.

MUC 3105C CAH-MUSIC 3(1.1)
Composition III: PR: MUC 2104C and competence determined by faculty jury. Continued study of composition, with additional intensive work expected for composition majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MUC 4106C CAH-MUSIC 4(1.1)
Major Component: PR: MUC 3105C and competence determined by faculty jury. Interim advanced study of composition for composition majors. May be used in the degree program a maximum of 4 times. Occasional.

MUC 4950 CAH-MUSIC 0(0.0)
Composition Recital: CR: MUC 4106C. Culuminating public concert of works written while studying Composition IV-V. Graded S/U. Odd Fall.

MUC 5112 CAH-MUSIC 2(1.0)
Composition V: PR: Graduate standing in music education or C.I. Advanced music composition at the graduate level. May be used in the degree program a maximum of 4 times. Occasional.

MUE 2040 CAH-MUSIC 2(2.0)
Voice instruction in Music Education: An introduction to music education covering philosophy, history, and current practice and trends. Observation in schools required. Fall.

MUE 2211 ED-TL&L 3(3.0)

MUE 2346 CAH-MUSIC 1(0.2)
Music Technology: PR: Music major or C.I. Vocal function, anatomy, and pedagogical methodology with applications for K-12 teaching. Odd Spring.

MUE 2440 CAH-MUSIC 1(0.2)
String Techniques: PR: MUC 2346 or MUC 2365. Major or C.I. Class instruction in string playing and pedagogical techniques. Spring. M&F fee $30.00
UCF Courses and Descriptions

MUE 2450 CAH-MUSIC 1(1,0)
Woodwind Techniques I: PR: MUEd major, Junior standing or C.I. Class instruction in woodwind playing and pedagogical techniques. Fall.

MUE 2460 CAH-MUSIC 1(0,2)
Brass Techniques: PR: MUEd major, Junior standing or C.I. Class instruction in brass playing and pedagogical techniques. May be repeated for credit. Fall.

MUE 2470 CAH-MUSIC 1(0,2)
Percussion Techniques: PR: MUEd major, Junior standing or C.I. Class instruction in percussion playing and pedagogical techniques. May be repeated for credit. Spring. M&S fee $35.00

MUE 2471 CAH-MUSIC 1(1,1)
Percussion Techniques II: PR: MUE 2470 or C.I. Additional performing and teaching techniques of the percussion family, as relevant to today's instrumental music teachers. Odd Spring. M&S fee $35.00

MUE 3333 CAH-MUSIC 3(3,0)

MUE 3353 CAH-MUSIC 2(2,0)

MUE 3451 CAH-MUSIC 1(1,0)
Woodwind Techniques II: PR: MUE 2450. MUEd major, Junior standing or C.I. Continuation of Woodwind Techniques I, with emphasis on double reeds. Occasional.

MUE 3461 CAH-MUSIC 1(1,1)
Brass Techniques II: PR: MUE 2460. Continued study of performance techniques, teaching skills, resources, and materials required to teach brass instruments to beginning, middle, and high school level students. Odd Spring.

MUE 3693 CAH-MUSIC 2(2,0)
Technology in Music Education: PR: MUE 2400 or C.I. Productivity software, classroom management tools, web design and other technological tools for classroom teaching. Odd Spring. M&S fee $20.00

MUE 3942 CAH-MUSIC 3(3,0)
Music Internship I: PR: MUE 3333, EDG 4410, TSL 4080, EDF 4603 and RED 4043. Students experience various roles of a music teacher in elementary and secondary settings, including observation, micro-teaching, and the completion of various assignments. Graded S/U. Fall, Spring.

MUE 4311 CAH-MUSIC 2(2,0)
Elementary School Music Methods: PR: Junior standing. MUEd major Organization and administration of instruction for comprehensive music education, K-6, instructional planning, techniques, and materials for elementary music education. Fall.

MUE 4331 CAH-MUSIC 3(3,0)
Secondary Choral Methods I: PR: MUE 2040 or C.I. Examination of vocal and choral literature, planning skills and rehearsal techniques for choral groups. Odd Spring.

MUE 4332 CAH-MUSIC 3(3,0)
Secondary Instrumental Methods I: PR: MUE 2040. Wind, percussion, and string teaching methods for beginning and middle level students in a large classroom setting. Odd Spring.

MUE 4335 CAH-MUSIC 3(3,0)
Secondary Choral Methods II: PR: MUE 4331. Continued examination of vocal and choral literature, planning skills and rehearsal techniques for choral groups. Odd Spring.

MUE 4337 CAH-MUSIC 3(3,0)

MUE 4354 CAH-MUSIC 3(3,0)

MUE 4393 CAH-MUSIC 2(2,0)
Music and Students with Special Needs: PR: MUE 2040 or C.I. Consideration of the general education music curriculum in regards to students with disabilities and special needs. Odd Fall.

MUE 4394 CAH-MUSIC 1(1,0)

MUE 4441 CAH-MUSIC 3(3,0)

MUE 4943 CAH-MUSIC 12(12,0)

MUE 5348C CAH-MUSIC 4(4,0)

MUE 5921 CAH-MUSIC 2(2,0)
Music Education Workshop: PR: Graduate standing or C.I. Variable topics in Music Education to offer hands-on instruction in a workshop format. May be used in the degree program a maximum of 4 times only when course content is different. Occasional.

MUG 3104 CAH-MUSIC 2(1,1)
Basic Conducting: PR: MUR 1122 or C.I. Fundamental techniques and practice in conducting. Fall.

MUG 3202 CAH-MUSIC VAR(VAR,VAR)
Choral Conducting and Materials: PR: MUG 3104. Fundamental principles of choral conducting and rehearsal techniques including an examination of materials. Spring.

MUG 3302 CAH-MUSIC VAR(VAR,VAR)

MUH 2017 CAH-MUSIC 3(3,0)

MUH 2017H CAH-MUSIC 3(3,0)
Honors Survey of Rock Music: PR: Consent of Honors. Rock music, 1950s to present, with emphasis on cultural and musical meaning. With Honors consent Even Fall.

MUH 2019 CAH-MUSIC 3(3,0)
American Popular Music, 1840s-present: Musical and cultural development of popular music in the United States from the 1840s to the present. Fall, Spring.

MUH 2021 CAH-MUSIC 3(3,0)

MUH 2071C CAH-MUSIC 1(0,1)
World Music Survey and Performance Laboratory: PR: MUR 1122 or C.I. An introduction to different musical cultures including West African, Caribbean, South American, and Asian. Occasional.

MUH 3211 CAH-MUSIC 3(3,0)
Music History and Literature I: PR: MUR 2014 and MUR 1122. History of Western European art music from Antiquity to 1750. Fall, Spring.

MUH 3212 CAH-MUSIC 3(3,0)
Music History and Literature II: PR: MUR 3211 History of Western European and American art music from 1750 to present day. Fall, Spring.

MUH 4218 CAH-MUSIC 1(1,0)

MUH 4322 CAH-MUSIC 3(3,0)
Medieval and Renaissance Music: PR: MUR 3211 and MUH 3212 or C.I. Music and culture of Western Europe in the era c. 450-1600. Even Fall.

MUH 4341 CAH-MUSIC 3(3,0)

MUH 4351 CAH-MUSIC 3(3,0)
Eighteenth-Century Music: PR: MUR 3211 and MUH 3212 or C.I. Music and culture of Western Europe in the era c. 1700-1830. Even Fall.

MUH 4361 CAH-MUSIC 3(3,0)
Music of the 19th Century: PR: MUR 3211 and MUH 3212 or C.I. Western art music since 1800. Odd Spring.

MUH 4371 CAH-MUSIC 3(3,0)
Music Since 1900: PR: MUR 3211, MUR 3212, or C.I. Western art music since 1900. Odd Spring.

MUH 4814 CAH-MUSIC 3(3,0)
Jazz Styles and Analysis: PR: MUR 3171 and MUR 3212 or C.I. Historical style periods and master artists in jazz music. Odd Spring.

MUH 5326 CAH-MUSIC 3(3,0)
Medieval and Renaissance Music: PR: Graduate standing in music education or C.I. Music and culture of Western Europe in the era c. 450-1600. Occasional.

MUH 5345 CAH-MUSIC 3(3,0)
Music of the Baroque: PR: Graduate standing in music education or C.I. Baroque music, 1600-1750. Investigates Baroque musical styles and composers within their diverse historical, musical, and cultural contexts. Even Spring.

MUH 5356 CAH-MUSIC 3(3,0)
Eighteenth-Century Music: PR: Graduate standing in Music or C.I. Western Art Music of the 18th Century. Odd Fall.

MUH 5375 CAH-MUSIC 3(3,0)
Music Since 1900: PR: Graduate standing in Music Education or C.I. Music and culture of Western and American art music from c. 1900 to the present. Occasional.

MUH 5665 CAH-MUSIC 3(3,0)
Development of Opera: PR: Graduate standing in Music or C.I. An in-depth examination of Western European opera, from its origins around 1600 until the present day. Even Spring.

MUH 5816 CAH-MUSIC 3(3,0)
Jazz Styles and Analysis: PR: Graduate standing or C.I. Advanced study of historical style periods and master artists in jazz music. Odd Fall.

MUL 2010 CAH-MUSIC 3(2,1)
Enjoyment of Music: PR: Non-music majors only. Designed to develop an understanding of musical principles and techniques for listening to music. Fall, Spring.

MUL 2014 CAH-MUSIC 3(3,0)
Introduction to Music History and Literature: PR: Music major or C.I. Musical repertories and cultures from the Western art music tradition, American jazz, and non-western music. Odd Spring.

MUL 2016 CAH-MUSIC 3(3,0)
Evolution of Jazz: Survey of jazz literature and performance. Fall, Spring.
MUL 2720 CAH-MUSIC 3(3,0) Music of the World: Music in cross-cultural context. Relation of music to religion and society. Fall, Spring.

MUL 2721 CAH-MUSIC 3(3,0) Survey of Latin American Music: Survey of Latin American and Caribbean music, including musical traditions as well as historical and cultural connections. Occasional.

MUL 3381 CAH-MUSIC 3(3,0) Contemporary Popular Music: PR: MUL 2010 or MUL 1122 or C.I. History and analysis of selected genres in recent popular music. Music reading not required. Spring.

MUL 3400 CAH-MUSIC 2(1,1) Piano Literature I: PR: Major in Music or C.I. Survey of the Piano Literature from the 16th century to the present, with emphasis on technical, formal and performance problems. Odd Fall.

MUL 3401 CAH-MUSIC 2(1,1) Piano Literature II: PR: MUL 3400. Continuation of MUL 3400. Even Spring.

MUL 3463 CAH-MUSIC 2(2,0) Percussion Literature: PR: Music major (Percussion), Junior standing, C.I. Survey of music written for percussion instruments. Odd Fall.

MUL 3602 CAH-MUSIC 3(3,0) Song Literature: PR: MUL 2014 or C.I. Classical song repertoire in English and common foreign languages, and proven methods of effective song study. Odd Fall.

MUL 4437 CAH-MUSIC 3(0,0) String Literature and Pedagogy: PR: MUL 2014. Important literature written for string instruments, and basic concepts and techniques to teach string. Odd Spring.

MUL 4438 CAH-MUSIC 3(3,0) Guitar Literature and Pedagogy: PR: MVS 2426 or C.I. Overview of classical guitar literature, history, and pedagogy from the Renaissance to the present. Odd Fall.

MUL 4443 CAH-MUSIC 3(0,0) Brass Literature and Pedagogy: PR: MUL 2014. Important literature written for brass instruments, and basic concepts and techniques to teach brass. Odd Spring.

MUL 4444 CAH-MUSIC 3(0,0) Woodwind Literature and Pedagogy: PR: Music major and MUL 2014. Important literature written for woodwind instruments, and basic concepts and techniques to teach woodwinds. Odd Spring.

MUL 4552 CAH-MUSIC 3(3,0) Band Literature: PR: MUL 1122 and MUL 2014, or C.I. Survey of materials for use in the public school band classroom, including beginning band methods, technique books, and musical selections appropriate for concert performance. Fall.

MUL 4643 CAH-MUSIC 3(0,0) Choral Literature: PR: "C" (2.0) or better in MULH 3211 and MUH 3212, or C.I. Choral music from its beginnings to the present with consideration of historical perspective, genres, styles, and performance practice, major composers and representative works. Fall.

MUL 5436 CAH-MUSIC 3(3,0) Guitar Literature and Pedagogy: PR: Graduate standing in Music or C.I. Survey of significant repertoire and pedagogy for classical guitar. Odd Spring.

MUL 5439 CAH-MUSIC 3(3,0) String Literature and Pedagogy: PR: Graduate standing in Music or C.I. Study of string literature from the Baroque period to the 20th century, along with prominent pedagogical principles. Odd Fall.

MUL 5447 CAH-MUSIC 3(0,0) Woodwind Literature and Pedagogy: PR: Graduate standing in Music or C.I. Major works written for woodwind instruments, as well as the study of the basic concepts and techniques fundamental to teaching woodwind instruments. Odd Spring.

MUL 5448 CAH-MUSIC 3(3,0) Brass Literature and Pedagogy: PR: Graduate standing in Music or C.I. Important brass repertoire, study of brass instruments, and a review of teaching techniques for artistic brass performance. Even Fall.

MUL 5555 CAH-MUSIC 3(3,0) Band Literature: PR: Graduate standing or C.I. Survey of materials for use in the public school band classroom, including beginning band methods, technique books, and musical selections appropriate for concert performance. Occasional.

MUL 5645 CAH-MUSIC 3(3,0) Choral Literature: PR: Graduate standing or C.I. Survey of choral music from its beginnings to the present with consideration of historical perspective, genres, styles and performance practice; major composers and representative works. Occasional.

MUM 5806 CAH-MUSIC 3(0,0) Performing Arts Management: PR: Graduate status or senior standing or C.I. Structure of nonprofit performing arts organization (PAOs), examining the fundamental elements of administration, audience development, marketing, and fund-raising. Spring.

MUN 2442 CAH-MUSIC 1(1,0) Percussion/Mallet Ensemble: PR: C.I. Preparation and performance of music with mallets. May be repeated for credit. Fall, Spring. M&S fee $30.00

MUN 3113 CAH-MUSIC 2(0,8) Marching Band: PR: Admission by audition. Preparation for appearance at football games and special occasions. May be repeated for credit. Fall, Spring. M&S fee $57.00

MUN 3123L CAH-MUSIC 1(0,3) Concert Band: PR: C.I. Preparation required and open to all majors. Study and performance of music for large ensembles. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3133 CAH-MUSIC 1(0,4) Symphonic Band: PR: Open to all students by audition. Auditioned performance ensemble that presents multiple concerts each semester and performs a variety of musical literature for winds and percussion. Fall, Spring. M&S fee $20.00

MUN 3143 CAH-MUSIC 1(0,4) Wind Ensemble: PR: Open to all students by audition. Study and performance of music for wind ensemble and band. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3283 CAH-MUSIC 1(0,5) Symphony Orchestra: PR: Audition. Open to all students by audition. Rehearsal and performance of works from the symphonic repertoire. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3313 CAH-MUSIC 1(3,0) University Chorus: PR: C.I. Open to all students by audition. Study and performance of large ensemble music. Possible tours. May be repeated for credit. Fall, Spring, M&S fee $20.00

MUN 3323 CAH-MUSIC 1(0,3) Women's Chorus: PR: Audition and C.I. Study and performance of music for women's voices. Open to all students. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3343L CAH-MUSIC 1(0,3) Chamber Singers: PR: C.I. A chamber choir of advanced singers, Open to all students by audition. Additional rehearsals and commitments required. May be repeated for credit. Fall, Spring, M&S fee $20.00

MUN 3423 CAH-MUSIC 1(0,2) Woodwind Ensemble: PR: C.I. Open to all students. Study and performance of music for small ensembles. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3426 CAH-MUSIC 1(1,0) Saxophone Ensemble: PR: Students must pass an audition in front of the instructor. An in-depth study and performance of music written for an ensemble comprised of saxophones. May be used in the degree program a maximum of 8 times. Fall, Spring. M&S fee $20.00

MUN 3427 CAH-MUSIC 1(1,0) Flute Ensemble: PR: Student must pass an audition in front of the instructor. Study and performance of music written for an ensemble comprised of all flutes. May be used in the degree program a maximum of 8 times. Fall, Spring. M&S fee $20.00

MUN 3431L CAH-MUSIC 1(0,2) Brass Quintet: PR: Audition and Consent of Instructor. Study and performance of music for brass quintet. May be used in the degree program a maximum of 4 times only when course content is different. Fall, Spring. M&S fee $20.00

MUN 3433 CAH-MUSIC 1(0,2) Brass Ensemble: PR: C.I. Open to all students. Study and performance of music for small ensembles. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3437 CAH-MUSIC 1(1,0) Trumpet Ensemble: PR: C.I. Rehearsal and performance of music for trumpet ensembles. May be repeated for credit. Occasional. M&S fee $20.00

MUN 3443 CAH-MUSIC 1(0,2) Percussion Ensemble: PR: C.I. Open to all students. Study and performance of music for small ensembles. May be repeated for credit. Fall, Spring. M&S fee $35.00

MUN 3444 CAH-MUSIC 1(0,3) Mallet Ensemble: PR: C.I. Preparation and performance of music for mallet ensemble. May be repeated for credit. Fall, Odd Spring. M&S fee $35.00

MUN 3453 CAH-MUSIC 1(0,3) Piano Ensemble: PR: Open to Music Majors or C.I. Study and performance of music for small ensembles. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3483 CAH-MUSIC 1(0,2) String Ensemble: PR: C.I. Open to all students. Study and performance of music for small ensembles. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3487 CAH-MUSIC 1(0,2) Guitar Ensemble: PR: Audition or C.I. Study and performance of music for multiple guitars. May be used in the degree program a maximum of 8 times. Odd Spring. M&S fee $20.00

MUN 3713 CAH-MUSIC 1(0,4) Jazz Ensemble: PR: C.I. Open to all students by audition. Study and performance of music for small jazz combos, emphasizing improvisation. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 3714 CAH-MUSIC 1(0,2) Jazz Combo: PR: Junior standing and C.I. Rehearsal and performance of music for small jazz combo. May be repeated for credit. Odd Spring. M&S fee $20.00

MUN 3813 CAH-MUSIC 1(1,1) Steel Drum Ensemble: PR: C.I. Rehearsal and performance of music arranged for steel drum band. May be repeated for credit. Fall, Spring. M&S fee $20.00

MUN 4476 CAH-MUSIC 1(0,2) Early Music Ensemble: PR: C.I. Study and performance of pre-classical music. May be repeated for credit. Fall, Spring. M&S fee $5.00

MUN 5125 CAH-MUSIC 1(0,3) Concert Band: PR: Open to all graduate students by audition. Study and performance of music for large ensembles. May be used in the degree program a maximum of 4 times. Odd Fall. M&S fee $20.00

MUN 5145 CAH-MUSIC 1(0,4) Wind Ensemble: PR: Open to all graduate students by audition. Study and performance of music for wind ensemble and band. May be used in the degree program a maximum of 4 times. Odd Fall. M&S fee $20.00
**UCF Courses and Descriptions**

**MUN 5215 CAH-MUSIC** 1(0,5)
Symphony Orchestra: PR: Open to all graduate students by audition. Rehearsal and performance of works from the symphonic repertoire. May be used in the degree program a maximum of 4 times. Odd Fall. M&S fee $20.00

**MUN 5325 CAH-MUSIC** 1(0.3)
Women’s Chorus: PR: Open to all graduate students by audition. Study and performance of choral music for women’s voices. May be used in the degree program a maximum of 5 times. Odd Fall. M&S fee $20.00

**MUN 5368L CAH-MUSIC** 1(0.3)
Graduate Madrigal Singers: PR: Graduate standing in Music Education and C.I. Study of varied literature for small ensembles. Offered even Spring. M&S fee $20.00

**MUN 5385L CAH-MUSIC** 1(0.3)
Graduate University Chorus: PR: Graduate standing in Music Education and C.I. Study and performance of large ensemble music. May be used in the degree program a maximum of 5 times. Occasional. M&S fee $20.00

**MUN 5445 CAH-MUSIC** 1(0.2)
Percussion Ensemble: PR: Open to all graduate students by audition. Study and performance of music for small percussion ensembles. May be used in the degree program a maximum of 4 times. Odd Fall. M&S fee $35.00

**MUN 5465L CAH-MUSIC** 1(0.2)
Graduate Chamber Music: PR: Graduate standing in Music Education and C.I. The study and performance of vocal and/or instrumental chamber ensemble literature. Flexible instrumentation to meet student needs. May be used in the degree program a maximum of 5 times. Occasional. M&S fee $5.00

**MUN 5478L CAH-MUSIC** 1(0.3)
Early Music Ensemble: PR: Graduate standing in Music Education and C.I. Designed as an introduction to the study of music with an emphasis on the late medieval, Renaissance, and Baroque periods. May be used in the degree program a maximum of 5 times. Occasional. M&S fee $20.00

**MUN 5715L CAH-MUSIC** 1(0.4)
Jazz Ensemble: PR: Audition, graduate or senior standing, and C.I. Study and performance of jazz big band music. May be used in the degree program a maximum of 4 times only when course content is different. Fall, Spring. M&S fee $20.00

**MUN 5716L CAH-MUSIC** 1(0.2)
Jazz Chamber Group: PR: Audition, graduate standing or senior standing, and C.I. Study and performance of jazz small group music. May be used in the degree program a maximum of 4 times. Fall, Spring. M&S fee $20.00

**MUS 2501C CAH-MUSIC** 2(1,1)
Opera Skills: PR: Open to all students by audition. Integration of singing, acting, and movement in opera; explores basic stage movement, character preparation, and performance of opera arias. Fall.

**MUS 3503L CAH-MUSIC** 1(0.3)
Opera Workshop: PR: MUS 2501C or C.I. and audition. Study, preparation, and performance of opera literature. May be used in the degree program a maximum of 8 times. Occasional. M&S fee $70.00

**MUS 3505L CAH-MUSIC** 1(0.3)
Graduate Opera Workshop: PR: C.I. and audition. Study of audition techniques, operatic roles and repertoire, and characterization through performance. May be used in the degree program a maximum of 5 times. Occasional. M&S fee $70.00

**MUS 1010 CAH-MUSIC** 1(0.2)
Music Forum: A selection of special musical events required of music majors. Includes lectures and recitals by faculty, students, and guest artists. Graded S/U. May be repeated for credit. Fall, Spring.

**MUS 1250 CAH-MUSIC** 1(2.0)
IPA for Singers: PR: Music major or C.I. The International Phonetic Alphabet and its application to English, French, German, and Italian music written for voice. Odd Fall.

**MUS 2360C CAH-MUSIC** 3(2.2)
Introduction to Music Technology: PR: Music major or C.I. Utilization of computers and keyboards to acquire skills in MIDI sequencing, notation, CDs, and the Internet. Fall, Spring. M&S fee $16.00

**MUS 3254 CAH-MUSIC** 2(0.2)

**MUS 3255 CAH-MUSIC** 2(0.2)
German and English Lyric Diction: PR: MUS 1250. Study and applications of the correct sung pronunciation of the German and English languages. Odd Spring.

**MUS 3953 CAH-MUSIC** 0(1.0)
Recital Performance I: PR: Junior Level Applied Music and C.I. Public recital of 30 minutes to demonstrate performance skills. Graded SU. May be used in the degree program a maximum of 2 times. Fall, Spring.

**MUS 4320 CAH-MUSIC** 3(3.0)
Music Business and Industry: PR: MUS 2360C or C.I. Today's music industry copyright, publishing, contracts and licensing. Odd Fall.

**MUS 4674 CAH-MUSIC** 3(3.0)
Health and Wellness for the Performing Musician: PR: MUS 2360C or C.I. Basic musculoskeletal anatomy, posture, common injuries and injury prevention, mental training, performance anxiety, practical performance, & pedagogic applications. Even Spring.

**MUS 4900 CAH-MUSIC** 3(3.0)
Music BA Capstone Project: PR: C.I. Self-designed project, completed under faculty supervision, that demonstrates ability to think critically and work independently while applying knowledge and skills from music and other subjects. Graded S/U. Occasional.

**MUS 4905 CAH-MUSIC** 1-4(1-4)
Directed Experience: PR: C.I. and Junior standing. Special topics of study and/or research as determined by student/faculty consultation. May be repeated for credit. Occasional.

**MUS 4954 CAH-MUSIC** 0(1.0)
Recital Performance II: PR: Senior level applied music and C.I. Public recital of 45 minutes to demonstrate performance skills. Graded SU. May be used in the degree program a maximum of 2 times. Fall, Spring.

**MUS 5365 CAH-MUSIC** 3(3.0)
Music and Technology: PR: Graduate status or senior standing, or C.I. The emergence of technology in music including MIDI, CD ROM, and the high-tech music classroom. Occasional.

**MUS 5677 CAH-MUSIC** 3(3.0)
Wellness for the Performing Musician: PR: Graduate standing in music education or C.I. Various techniques and methods of maintaining physical health and wellness for musicians. Occasional.

**MUT 1121 CAH-MUSIC** 4(2.3)
Music Theory and Musicianship I: PR: MUT 1004 or C.I. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. Odd Spring.

**MUT 1122 CAH-MUSIC** 4(2.3)
Music Theory and Musicianship II: PR: MUT 1121 or C.I. Continuation of MUT 1121. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. Odd Spring.

**MUT 2126 CAH-MUSIC** 4(2.3)
Music Theory and Musicianship III: PR: MUT 1122 or C.I. Continuation of MUT 2126. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. Odd Spring.

**MUT 2127 CAH-MUSIC** 4(2.3)
Music Theory and Musicianship IV: PR: MUT 2126 or C.I. Continuation of MUT 2126. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. Odd Spring.

**MUT 3170 CAH-MUSIC** 3(0.0)
Jazz Theory I: PR: MUT 1122 or C.I. Study of theoretical concepts in jazz music, including practical keyboard applications. Even Fall.

**MUT 3171 CAH-MUSIC** 3(0.0)
Jazz Theory II: PR: MUT 3170. Advanced study of theoretical concepts in jazz music, including practical keyboard applications. Odd Spring.

**MUT 3923 CAH-MUSIC** 3(0.3)
Jazz Workshop: PR: MUT 3171 or C.I. Jazz improvisation, repertoire, composition and arranging studied in a chamber group context. May be used in the degree program a maximum of 3 times. Odd Spring.

**MUT 4031 CAH-MUSIC** 1(1.0)
Review of Music Theory: PR: C.I. A comprehensive review of harmonic and analytic skills. May be repeated for credit. Occasional.

**MUT 4311 CAH-MUSIC** 3(3.0)

**MUT 4401 CAH-MUSIC** 3(3.0)
Counterpoint: PR: MUT 2127. Counterpoint in Western music from the 16th to the 20th Centuries. Even Spring.

**MUT 4571 CAH-MUSIC** 3(3.0)
Analysis of Twentieth-Century Music: PR: MUT 2127 or equivalent. Techniques of analysis for various styles of twentieth-century music. Odd Fall.

**MUT 5316 CAH-MUSIC** 3(3.0)
Orchestration: PR: Graduate standing in Music or C.I. Study of the various instruments commonly found in orchestras and wind ensembles and how to write for these instruments in combination. Odd Spring.

**MUT 5381 CAH-MUSIC** 3(3.0)
Arranging and Composing: Musical Ear: PR: Satisfactory placement tests in theory, sight-singing, and ear training, and graduate status or senior standing or C.I. Arranging and composing music for instrumental and vocal ensembles. Some emphasis on compositional techniques of the 20th century. Occasional.

**MUT 5445 CAH-MUSIC** 3(3.0)
Counterpoint: PR: Graduate standing in Music or C.I. Principles of counterpoint and the study of contrapuntal styles in Western music from the 16th century to the present day. Even Spring.

**MUT 5620 CAH-MUSIC** 3(3.0)
Analysis of Twentieth Century Music: PR: Graduate standing in Music or C.I. Analysis of music in a selection of the different styles practiced in the 20th century, with an emphasis on Western art music. Fall.

**MUT 5936 CAH-MUSIC** 3(3.0)
Music Theory Seminar: PR: Graduate standing in music education or C.I. One or more issues of importance in music theory with emphasis on recent scholarly literature and debates. May be used in the degree program a maximum of 4 times. Occasional.

**MV 1211 CAH-MUSIC** 1(0.1)
Trumpet I: CR: Performing ensemble. Advanced instruction in trumpet. Intended for non-music majors. May be used for credit. Fall, Spring.
MVJ 1219 CAH-MUSIC 2(1,1)  
Tuba II: PR: Major in music or consent of chair. Continued study of performance. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVJ 2240 CAH-MUSIC 4(1,1)  
Jazz Piano IV: PR: MVJ 2239. Continuation of MVJ 2238. Scale studies, arpeggios, chord voicings, and other techniques included in advanced jazz piano skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MVJ 3339 CAH-MUSIC 3(1,1)  
Jazz Drum Set III: PR: MVJ 2229. Continuation of MVJ 2228. Progressive Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. Odd Spring.

MVJ 4240 CAH-MUSIC 4(1,1)  
Jazz Piano IV: PR: MVJ 3230. Continuation of MVJ 3230. Scale studies, arpeggios, chord voicings, and other techniques included in advanced jazz piano skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MVJ 4243 CAH-MUSIC 4(1,1)  
Jazz Guitar IV: PR: MVJ 3233. Continuation of MVJ 3233. Scales, arpeggios, chord voicings, and other techniques included in advanced jazz guitar skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MVJ 4244 CAH-MUSIC 4(1,1)  
Jazz Bass IV: PR: MVJ 3234. Continuation of MVJ 3234. Advanced Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. Odd Spring.

MVJ 4349 CAH-MUSIC 4(1,1)  
Jazz Drum Set IV: PR: MVJ 3338. Continuation of MVJ 3338. Progressive Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. Odd Spring.

MVJ 5350C CAH-MUSIC 2(1,1)  
Jazz Piano V: PR: Audition; graduate standing or senior standing, and C.I. Study of jazz piano literature, styles, and techniques. May be used in the degree program a maximum of 3 times. Fall, Spring.

UCF Courses and Descriptions

UNIVERSITY OF CENTRAL FLORIDA 501  
Undergraduate Catalog 2014-2015
UCF Courses and Descriptions

MVJ 5353C CAH-MUSIC 2(1,1)
Jazz Guitar V: PR: Audition, graduate standing or senior standing, and C.I. Study of jazz guitar literature, styles and techniques. May be used in the degree program a maximum of 3 times only when course content is different. Fall, Spring.

MVJ 5354C CAH-MUSIC 2(1,1)
Jazz Bass V: PR: Audition, graduate standing or senior standing, and C.I. Study of jazz bass literature, styles and techniques. May be used in the degree program a maximum of 3 times only when course content is different. Fall, Spring.

MVJ 5359C CAH-MUSIC 2(1,1)
Jazz Drum Set V: PR: Audition, graduate standing or senior standing, and C.I. Study of jazz drum set literature, styles, and techniques. May be used in the degree program a maximum of 3 times only when course content is different. Fall, Spring.

MVK 1111 CAH-MUSIC 10(2)
Class Piano I: Class instruction for beginning piano students; Neophyte in music or major whose major performing medium is piano. Fall, Spring.

MVK 1112 CAH-MUSIC 10(2)
Class Piano II: PR: MVK 1111, Music major, or C.I. Continuation of MVK 1111. Music majors only; not open to music majors whose major performing medium is piano. Fall, Spring.

MVK 1211 CAH-MUSIC 10(1)
Secondary Piano: PR: Consent of Music Chair; CR: Performing ensemble. Advanced instruction in piano. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MVK 1411 CAH-MUSIC 2(1,1)
Piano I: PR: Major in music or consent of chairperson; audition. May be repeated for credit. Fall, Spring.

MVK 1212 CAH-MUSIC 10(2)
Class Piano IV: PR: Music major, MVK 2121 or C.I. Continuation of MVK 1211. Music majors only; not open to music majors whose major instrument is piano. Fall, Spring.

MVK 2421 CAH-MUSIC 2(1,1)
PIano II: PR: MVK 1411 and competence determined by faculty jury. Continuation of MVK 1411. May be repeated for credit. Fall, Spring.

MVK 3431 CAH-MUSIC 2-3(1,1)
Piano III: PR: MVK 2421 and competence determined by faculty jury. Continued study of performance skills of the piano, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVK 4441 CAH-MUSIC 4(1,1)
Piano IV: PR: MVK 3431 and competence determined by faculty jury. Intensive advanced performance study of performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 1211 CAH-MUSIC 1(0,1)
Secondary Violin: PR: Consent of Music Chair; CR: Performing ensemble. Advanced instruction in violin. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MVS 1212 CAH-MUSIC 1(0,1)
Secondary Violin: PR: Consent of Music Chair; CR: Performing ensemble. Advanced instruction in violin. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MVS 1213 CAH-MUSIC 1(0,1)
Secondary Cello: PR: Consent of Music Chair; CR: Performing ensemble. Advanced instruction in cello. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MVS 1214 CAH-MUSIC 1(0,1)
Secondary Bass: PR: Consent of Music Chair; CR: Performing ensemble. Advanced instruction in bass. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MVS 1216 CAH-MUSIC 1(0,1)
Secondary Guitar: PR: Consent of Music Chair; CR: Performing ensemble. Advanced instruction in guitar. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MVS 1411 CAH-MUSIC 2(1,1)
Violin I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 1412 CAH-MUSIC 2(1,1)
Viola I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 1413 CAH-MUSIC 2(1,1)
Cello I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 1414 CAH-MUSIC 2(1,1)
Base I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 1415 CAH-MUSIC 2(1,1)
Harp I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 1416 CAH-MUSIC 2(1,1)
Guitar I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 2421 CAH-MUSIC 2(1,1)
Violin II: PR: MV 1411 and competence determined by faculty jury. Continuation of MV 1411. May be repeated for credit. Fall, Spring.

MVS 2422 CAH-MUSIC 2(1,1)
Viola II: PR: MV 1412 and competence determined by faculty jury. Continuation of MV 1412. May be repeated for credit. Fall, Spring.

MVS 2423 CAH-MUSIC 2(1,1)
Cello II: PR: MV 1413 and competence determined by faculty jury. Continuation of MV 1413. May be repeated for credit. Fall, Spring.

MVS 2424 CAH-MUSIC 2(1,1)
Bass II: PR: MV 1414 and competence determined by faculty jury. Continuation of MV 1414. May be repeated for credit. Fall, Spring.

MVS 2425 CAH-MUSIC 2(1,1)
Harp II: PR: MV 1415 and competence determined by faculty jury. Continuation of MV 1415. May be repeated for credit. Fall, Spring.

MVS 2426 CAH-MUSIC 2(1,1)
Guitar II: PR: MV 1416 and competence determined by faculty jury. Continuation of MV 1416. May be repeated for credit. Fall, Spring.

MVS 3431 CAH-MUSIC 2-3(1,1)
Violin III: PR: MV 2421 and competence determined by faculty jury. Continued study of performance skills of the violin, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 3432 CAH-MUSIC 2-3(1,1)
Viola III: PR: MV 2422 and competence determined by faculty jury. Continued study of performance skills of the viola, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 3433 CAH-MUSIC 2-3(1,1)
Cello III: PR: MV 2423 and competence determined by faculty jury. Continued study of performance skills of the cello, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 3434 CAH-MUSIC 2-3(1,1)
Bass III: PR: MV 2424 and competence determined by faculty jury. Continued study of performance skills of the string bass, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 3435 CAH-MUSIC 2-3(1,1)
Harp III: PR: MV 2425 and competence determined by faculty jury. Continued study of performance skills of the harp, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 3436 CAH-MUSIC 2-3(1,1)
Guitar III: PR: MV 2426 and competence determined by faculty jury. Continued study of performance skills of the guitar, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 4346 CAH-MUSIC 4(1,1)
Guitar IV: PR: MV 3436 and competence determined by faculty jury. Intensive advanced performance study of the guitar. Performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MVS 4441 CAH-MUSIC 4(1,1)
Violin IV: PR: MV 3431 and competence determined by faculty jury. Intensive advanced performance study of the violin. Performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.
MVS 4442 CAH-MUSIC 4(1,1)  
Violina IV: PR: MVS 3452 and competence determined by faculty jury. Intensive advanced performance study of the voice, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 4 times. Fall,Spring.

MVS 4443 CAH-MUSIC 4(1,1)  
Cello IV: PR: MVS 3433 and competence determined by faculty jury. Intensive advanced performance study of the cello, for performance majors. May be used in the degree program a maximum of 3 times. Fall,Spring.

MVS 4444 CAH-MUSIC 4(1,1)  
Bass IV: PR: MVS 3434 and competence determined by faculty jury. Intensive advanced performance study of the harp, for performance majors. May be used in the degree program a maximum of 3 times. Fall,Spring.

MVS 4445 CAH-MUSIC 4(1,1)  
Harp IV: PR: MVS 3435 and competence determined by faculty jury. Intensive advanced performance study of the string bass, for performance majors. May be used in the degree program a maximum of 3 times. Fall,Spring.

MVS 5451 CAH-MUSIC 2(1,0)  
Violin V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall,Spring.

MVS 5452 CAH-MUSIC 2(1,0)  
Violin VI: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall,Spring.

MVS 5453 CAH-MUSIC 2(1,0)  
Cello V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall,Spring.

MVS 5454 CAH-MUSIC 2(1,0)  
Bass V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall,Spring.

MVS 5455 CAH-MUSIC 2(1,0)  
Harp V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall,Spring.

MVS 5456 CAH-MUSIC 2(1,0)  
Guitar V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall,Spring.

MVV 1411 CAH-MUSIC 2(1,1)  
Voice I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall,Spring.

MVV 1873 CAH-MUSIC 1(0,1)  

MVW 2421 CAH-MUSIC 2(1,1)  
Voice II: PR: MVW 1411 and competence determined by faculty jury. CR: MUS 1250. Continuation of MVW 1411. Major in music or consent of chair; audition. Private and class lessons. May be repeated for credit 2 times. Fall,Spring.

MVW 3431 CAH-MUSIC 2-3(1,1)  
Voice III: PR: MVW 2421 and competence determined by faculty jury. Continued study of performance skills of the voice, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall,Spring.

MVW 4441 CAH-MUSIC 2(1,1)  
Voice IV: PR: MVW 3431 and competence determined by faculty jury. Intensive advanced performance study of the voice, for performance majors. May be used in the degree program a maximum of 3 times. Fall,Spring.

MVW 4640 CAH-MUSIC 2(2,0)  
Voice Pedagogy: PR: C.I. Vocal function, anatomy, and pedagogical methodology as applied to the voice teacher and performer. Odd Spring.

MVW 5451 CAH-MUSIC 2(1,0)  
Voice V: PR: Graduate standing or senior standing and C.I. May be used in the degree program a maximum of 4 times. Fall,Spring.

MVW 5651 CAH-MUSIC 2(3,0)  
Voice Pedagogy: PR: Graduate standing in Music or C.I. Vocal function, anatomy, and pedagogical methodology with application to the voice teacher and performer. Odd Spring.

MVW 1211 CAH-MUSIC 1(0,1)  

MVW 1212 CAH-MUSIC 1(0,1)  

MVW 1213 CAH-MUSIC 1(0,1)  

MVW 1214 CAH-MUSIC 1(0,1)  

MVW 1215 CAH-MUSIC 1(0,1)  

MVW 1411 CAH-MUSIC 2(1,1)  
Flute I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall,Spring.

MVW 1412 CAH-MUSIC 2(1,1)  
Oboe I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall,Spring.

MVW 1413 CAH-MUSIC 2(1,1)  
Clarinet I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall,Spring.

MVW 1414 CAH-MUSIC 2(1,1)  
Bassoon I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall,Spring. M&S fee $20.00

MVW 1415 CAH-MUSIC 2(1,1)  
Saxophone I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall,Spring.

MVW 2421 CAH-MUSIC 2(1,1)  
Flute II: PR: MVW 1411 and competence determined by faculty jury. Continuation of MVW 1411. May be repeated for credit. Fall,Spring.

MVW 2422 CAH-MUSIC 2(1,1)  
Oboe II: PR: MVW 1412 and competence determined by faculty jury. Continuation of MVW 1412. May be repeated for credit. Fall,Spring.

MVW 2423 CAH-MUSIC 2(1,1)  
Clarinet II: PR: MVW 1413 and competence determined by faculty jury. Continuation of MVW 1413. May be repeated for credit. Fall,Spring.

MVW 2424 CAH-MUSIC 2(1,1)  
Bassoon II: PR: MVW 1414 and competence determined by faculty jury. Continuation of MVW 1414. May be repeated for credit. Fall,Spring. M&S fee $20.00

MVW 2425 CAH-MUSIC 2(1,1)  
Saxophone II: PR: MVW 1415 and competence determined by faculty jury. Continuation of MVW 1415. May be repeated for credit. Fall,Spring.

MVW 3431 CAH-MUSIC 2-3(1,1)  
Flute III: PR: MVW 2421 and competence determined by faculty jury. Continued study of performance skills of the flute, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall,Spring.
NGR 5003L CON-NURS 1(0,1) Advanced Health Assessment and Diagnostic Reasoning (Lab): PR: or CR: NGR 5141; CR: NGR 5003. Admission to the M.S. in Nursing or Doctor of Nursing Practice tracks or C.I. Application of concepts and skills for advanced health assessment and diagnostic reasoning over the thesepan Graded S/U. May be used in the degree program a maximum of 2 times. Fall, Spring. M&S fee $45.00

NGR 5090 CON-NURS 3(3,0) Urgent Care for the Advanced Practice Nurse: PR: NGR 6240 or C.I. Advanced practice evaluation and management of clients in urgent care settings. Occasional.

NGR 5141 CON-NURS 3(3,0) Pathophysiological Bases for Advanced Nursing Practice: PR: Admission to M.S. in Nursing or Doctor of Nursing Practice program or C.I. Critical examination of the physiological and pathophysiological mechanisms affecting individuals. May be used in the degree program a maximum of 2 times. Fall, Spring.

NGR 5638 CON-NURS 3(3,0) Health Promotion: PR: Admission to M. S. in Nursing or Doctor of Nursing Practice or C.I. Exploration and analysis of concepts, theories, research evidence, clinical assessment and interventions for health promotion and wellness. May be used in the degree program a maximum of 2 times. Fall, Spring.

NGR 5660 CON-NURS 3(3,0) Health Disparities: Issues and Strategies: PR: Graduate standing. Explores disparities in access, utilization, services, outcomes, and status for different U.S. populations: data, research, programmatic issues, and strategies to close the gaps. May be used in the degree program a maximum of 2 times. Occasional.

NGR 5690 CON-NURS 3(3,0) Intersubjective Care at End-of-Life: PR: Graduate status or C.I. Examination of intersubjective roles and strategies for enabling patients, families, and caregivers to approach end-of-life free from avoidable distress and suffering. May be used in the degree program a maximum of 2 times. Fall.

NGR 5720 CON-NURS 3(3,0) Organizational Dynamics: PR: Baccalaureate degree in Nursing or C.I. Analysis of organizational theories related to health care organizations and the use of leadership, communication and power to influence health care delivery and policy. May be used in the degree program a maximum of 2 times. Fall.

NGR 5745 CON-NURS 1(1,0) Professional Obligations and Activities of Advanced Practice Nursing: PR: NGR 5883 and NGR 5891. Student must be in last or second to last semester of program. Examine professional obligations of advanced practice nursing. Opportunity to develop skills for taking certification exam. Fall, Spring.

NGR 5800 CON-NURS 3(3,0) Theory for Advanced Practice Nursing: PR: Baccalaureate degree in Nursing or C.I. Conceptual and theoretical bases of nursing practice and research with emphasis on scholarly writing and critique. May be used in the degree program a maximum of 2 times. Fall, Spring.

NGR 5871 CON-NURS 3(3,0) Health Care Informatics: PR: Baccalaureate in health related field or C.I. Use of information systems, clinical data management, communication strategies, and decision-making models. May be used in the degree program a maximum of 2 times. Fall.

NGR 5883 CON-NURS 1(1,0) Cultural, Legal, Ethical, and Political Issues of Advanced Practice Nursing: PR: Admission to MSN program or C.I. Examine legal, ethical and political issues related to advanced practice nursing. Fall, Spring.

NGR 5884 CON-NURS 2(3,0) Legal and Professional Behavior in Advanced Practice Nursing: PR: Graduate standing and admission to the M.S. in Nursing or Doctor of Nursing Practice program. Examination of legal, ethical, cultural, and political issues related to professional advanced practice nursing. May be used in the degree program a maximum of 2 times. Fall, Spring.

NGR 5991 CON-NURS 1(1,0) Health Care Systems, Policy and Health Professionals: PR: Admission to the MSN program or C.I. Examine social responses to health and illness, health care systems and policies and the role of advanced practice nurses. Fall, Spring.

NGR 5994C CON-NURS 3(2,1) International Perspectives of Global Health: PR: Graduate standing or C.I. An analysis of global health in comparison with that of USA and other nation’s health care systems. Occasional.

NUR 1800 CON-NURS 3(3,0) Nursing as a Profession: Professional nursing roles in contemporary society covering a range of topics using discourse methodology that forms a foundation for nursing and health care. Fall.

NUR 4335 CON-NURS 3(3,0) Nursing Care of the High-Risk Newborn: PR: Admission to BSN program and concurrent completion of NUR 3445 & NUR 3445L or C.I. for RN-BSN students. In depth study of pathophysiology, management and nursing care of high risk newborn, emphasizing care of the neonate and factors contributing to outcomes related to morbidity and mortality. Occasional.

NUR 4425 CON-NURS 3(3,0) Women’s Health Issues: PR: ENC 1102, Junior standing, or C.I. Factors and conditions impacting the health of women. May be repeated for credit. Fall.

NUR 4495 CON-NURS 3(3,0) Emergency Department Nursing: PR: Completion of both the pharmacology and pathophysiology components of the student’s current nursing program curriculum, and NUR 3225 or RN License/Eligibility or C.I. An overview of Emergency Department Nursing. Topics include scopes of practice, laws, economics, nursing care and management of emergent physiologic conditions in the emergency department setting. Occasional.

NUR 4550 CON-NURS 3(3,0) Family and Interpersonal Violence: Perspectives for Nurses: PR: PSY 2012 or SYG 2000, and enrollment in a nursing program or C.I. Family and interpersonal violence education to increase effective nursing responses including: history, categories, cycles, laws, interventions, nursing resources, protocols and resources. Occasional.

NUR 4685 CON-NURS 3(3,0) Death & Dying: Nursing Considerations: PR: Admission to the Nursing Program, RN licensure, or C.I. An in-depth look at issues encountered in nursing practice related to the process of death, dying, and end of life. Occasional.

NUR 4695 CON-NURS 3(3,0) Forensic Nursing Principles and Practice: PR: NUR 3825 or NUR 3825L and completion of two semesters of a Nursing program or C.I. Forensic Nursing principles and practices applied to a variety of settings; an examination of the scope of practice for forensic nursing. Occasional.

NUR 3028 CON-NURS 2(2,0) Essentials of Nursing Practice: PR: Admission to BSN program. CR: NUR 3028L; NUR 3065 and NUR 3065L; NUR 3825; NUR 3634 and NUR 3634L. Apply nursing process and core scientific principles to technical psychomotor nursing skills. Integrate evidence-based principles and nursing process to clients in long-term care. Fall.

NUR 3028L CON-NURS 1(0,2) Essentials of Nursing Practice Lab: PR: Admission to BSN program. CR: NUR 3028 and NUR 3028L; NUR 3065 and NUR 3065L; NUR 3825; NUR 3634 and NUR 3634L. Lab to learn and apply scientific and evidence-based principles as they relate to technical psychomotor nursing skills. Graded S/U. Fall, Spring. M&S fee $30.00

NUR 3065 CON-NURS 2(2,0) Health Assessment: PR: or CR: NUR 3065L, and admission to the School of Nursing or C.I. Concepts of health assessment of clients. Fall, Spring.

NUR 3065L CON-NURS 1(0,1) Health Assessment Lab: PR: NUR 3065 and admission to the School of Nursing or C.I. Clinical application of concepts and techniques of health assessment of clients. Fall, Spring. M&S fee $15.00

NUR 3125 CON-NURS 3(3,0) Pathophysiology for Nursing Practice: PR: Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225, NUR 3225L, NUR 3125, NUR 3445, NUR 3445L. Concepts and nursing care applications of the pathophysiological basis of illness. Fall.

NUR 3145 CON-NURS 3(3,0) Pharmacology for Nursing Practice: PR: Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225, NUR 3225L, NUR 3125, NUR 3445, NUR 3445L. Principles of pharmacology and application to nursing practice. Fall.

NUR 3165 CON-NURS 3(3,0) Nursing Research: PR: Admission to the BSN program; STA 2014C or 2023; For Basic program students: successful completion of the first semester; for RN to BSN students: NUR 365R and RN status; or C.I. Nursing research as a basis for nursing practice. Selected experiences in reviewing, analyzing, and interpreting nursing research for nursing practice. Fall, Spring.

NUR 3165H CON-NURS 3(3,0) Honors Nursing Research: PR: Permission of honors; admission to nursing and completion of previous nursing courses; STA 2014C or 2023; co-requisites per the plan of study or C.I. Nursing research as a basis for nursing practice. Selected experiences in reviewing, analyzing, and interpreting nursing research for nursing practice. With Honor's content. Occasional.

NUR 3167 CON-NURS 1(2,0) Accelerated Nursing Research Seminar: PR: Admission to Accelerated BSN Option; Previous undergraduate or graduate research course with approval from the CON. Accelerated study of systematic approaches to problematic situations in nursing. Selected experiences in reviewing, analyzing, and interpreting nursing research and nursing issues. Spring.

NUR 3225 CON-NURS 3(3,0) Nursing Care of the Adult I: PR: Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225, NUR 3225L, NUR 3125, NUR 3445; NUR 3445L. Concepts of nursing care for individuals and families experiencing health risks, short-term illness or chronic health problems. Fall, Spring.

NUR 3225B CON-NURS 2(1,0) Nursing Care of the Adult I: Clinical Practice: PR: Admission to BSN program; successful completion of all courses in the first semester of the nursing curriculum, and concurrent enrollment in NUR 3225; NUR 3125; NUR 3445; NUR 3445L. Clinical experience applying biopsychosocial models of nursing practice for patients experiencing health risks, short-term illness, or chronic health problems. Graded S/U. Fall, Spring. M&S fee $40.00

NUR 3445 CON-NURS 3(3,0) Nursing Care of Families: PR: Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225, NUR 3225L, NUR 3125; NUR 3145; NUR 3445; NUR 3445L. Concepts of family nursing as they relate to health promotion, maintenance and illness management for childbearing and childbearing families. Fall.
NUR 3445L CON-NURS 2.0(6)
Nursing Care of Families Clinical: PR: Admission to BSN program. Focus on the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225; NUR 3225L; NUR 3215; NUR 3445; NUR 3445L. Nursing care of families in clinical settings. Written consent required. Graded S/U. Fall. M&S fee $20.00

NUR 3634 CON-NURS 3.0(0)
Community Health Nursing: PR: Admission to BSN program. CR: NUR 3028 and NUR 3028L; NUR 3665; NUR 3065L; NUR 3665L; NUR 3634L. Concepts of community health nursing focusing on community as client and levels of prevention across the lifespan. Graded S/U. Fall. M&S fee $45.00

NUR 3634L CON-NURS 2.0(6)
Community Health Nursing Clinical: PR: Admission to BSN program. CR: NUR 3028 and NUR 3028L; NUR 3755L; NUR 3065 and NUR 3065L; NUR 3652; NUR 3634; NUR 3634L. Clinical concepts of community health nursing focusing on community as client, and levels of prevention across the lifespan. Graded S/U. Fall. M&S fee $20.00

NUR 3755L CON-NURS 2.0(6)
Essentials of Nursing Practice Clinical: PR: Admission to BSN Program. CR: NUR 3028 and NUR 3028L; NUR 3755L; NUR 3065 and NUR 3065L; NUR 3652; NUR 3634 and NUR 3634L. Application of the nursing process, scientific and evidence-based principles in the nursing care of clients in long-term care. Graded S/U. Fall. M&S fee $20.00

NUR 3795 CON-NURS 3.0(0)

NUR 3805 CON-NURS 3.0(0)
Dimensions of Professional Nursing Practice: PR: Nursing major/junior level or C.I.; ENC 1102. Theoretical bases of professional nursing practice for RN to BSN students. Fall, Spring.

NUR 3806 CON-NURS 1.0(0)

NUR 3825 CON-NURS 2.0(0)
The Role of the Professional Nurse: PR: Admission to the school of Nursing Examination of the role and function of the professional nurse, including professional standards, legal and practice issues. Fall, Spring.

NUR 3825H CON-NURS 2.0(0)
Honors The Role of the Professional Nurse: PR: Admission to BSN program. Role and function of the professional nurse, including professional standards, legal, and practice issues with honors content. Fall, Spring.

NUR 3826 CON-NURS 3.0(0)

NUR 3826H CON-NURS 3.0(0)

NUR 3936 CON-NURS 3.2(0)
International Perspectives of Nursing and Health Care: PR: Enrollment in School of Nursing or C.I. Comparative analysis of professional nursing practice and health care systems in the United States and selected countries. May be repeated for credit. Occasional.

NUR 4017 CON-NURS 3.0(0)
Holistic Nursing: Explore lived experiences of health and wellness, and the integration of mind-body-spirit, transpersonal healing and complementary interventions to maximize nursing care outcomes. Occasional.

NUR 4178 CON-NURS 3.0(0)
Complementary & Alternative Therapies: Options for Integrative Nursing Practice: PR: Junior or senior undergraduate standing in nursing, or C.I. History, principles, techniques, outcomes, and research of complementary and alternative therapies (CAM). Concepts of wellness, healing and integrative practice from nursing and consumer perspectives. Occasional.

NUR 4197 CON-NURS 3.0(0)
Genetics and Genomics in Nursing Practice: PR: NUR 3125, RN Licensure, or C.I. The application of genetics and genomic principles to clinical nursing practice. Occasional.

NUR 4227 CON-NURS 4.0(0)
Nursing Care of the Adult II: PR: Admission to the BSN program. CR: successful completion of the first two semesters in the nursing curriculum, NUR 4227L; NUR 4535; NUR 4535L; or C.I. Nursing care of clients and their families experiencing acute, unstable, or life-threatening health problems. Spring.

NUR 4227L CON-NURS 3.0(0)
Nursing Care of the Adult II: Clinical Practice: PR: Admission to BSN program, CR: successful completion of the first two semesters in the nursing curriculum, NUR 4227; NUR 4535; NUR 4535L; or C.I. Clinical practice in acute health care settings with clients experiencing acute, unstable, surgical, or life-threatening health conditions. Graded S/U. Spring.

NUR 4247 CON-NURS 3.0(0)
Introduction to Critical Care Nursing: PR: RN status or C.I. Theories and principles of comprehensive nursing care of individuals and families in critical care settings. Spring.

NUR 4286 CON-NURS 3.0(0)
Gerontologic Nursing: PR: NUR 4286 or RN status or C.I. Theories and principles related to the promotion, maintenance, and restoration of health in older adults in various settings. Spring.

NUR 4340 CON-NURS 3.0(0)
Obesity in Children and Adolescents: Nursing Management: PR: Junior or senior undergraduate standing in nursing, or C.I. Examines multiple factors that predispose children and adolescents to obesity; explores nursing management and public health and policy strategies for prevention and treatment. Occasional.

NUR 4493 CON-NURS 3.0(0)
Perinatal Loss and Grief: Nursing Interventions: PR: Admission to the Nursing Program, RN licensure, or C.I. Nursing interventions for individuals and families experiencing perinatal loss and grief. Occasional.

NUR 4516 CON-NURS 3.0(0)

NUR 4535 CON-NURS 3.0(0)
Psychiatric Mental Health Nursing: PR: Admission to BSN program, successful completion of the first three semesters in the nursing curriculum, and concurrent enrollment in NUR 4227; NUR 4227L; NUR 4535; NUR 4535L. Nursing in the promotion of mental health and the prevention, treatment, and rehabilitation of mental illness. Fall, Spring.

NUR 4535L CON-NURS 2.0(6)
Psychiatric Mental Health Clinical: PR: Admission to BSN program, successful completion of the first three semesters in the nursing curriculum, and concurrent enrollment in NUR 4355; NUR 4355L; NUR 4227L. Clinical Application of Nursing interventions in the promotion of mental health and the prevention, treatment and rehabilitation of mental illness. Graded S/U. Fall, Spring.

NUR 4604L CON-NURS 4.0(12)

NUR 4637 CON-NURS 2.0(0)
Public Health Nursing: PR: Admission to the BSN program, successful completion of the first four semesters in the nursing curriculum, and concurrent enrollment in NUR 4454L Nursing Practicum; NUR 4457L; NUR 4457; or C.I. Concepts of public health nursing focusing on population-based health care delivery systems. Fall, Spring.

NUR 4637L CON-NURS 1.0(3)
Public Health Nursing Clinical: PR: Admission to the BSN program, successful completion of the first four semesters in the nursing curriculum, and concurrent enrollment in NUR 4454L; NUR 4457; NUR 4457L; or C.I. Clinical experience pertaining to the rural environment and appropriate health care services and programs for rural populations. Occasional.

NUR 4765 CON-NURS 3.0(0)
Rehabilitation Nursing: Principles and Practice: PR: Admission to the nursing program, or RN license, or C.I. Rehabilitation principles are the practices that may be incorporated into any healthcare setting and applied to clients of all age groups. Occasional.

NUR 4827 CON-NURS 3.0(0)
Leadership and Management Principles: PR: NUR 3085, RN Status or C.I. Scientific theories and principles of leadership and management needed to function in leadership, management, and teaching roles in professional nursing. Application of decision making and critical thinking. Fall, Spring.

NUR 4828 CON-NURS 3.0(0)
Nursing Leadership, Management and Role Transition: PR: Admission to the BSN or the RN-BSN program, and concurrent enrollment in NUR 4945L or NUR 4946L, or C.I. Preparation for transition of baccalaureate graduates entering professional nursing practice focusing on principles of leadership and management applied to health care settings. Fall, Spring.

NUR 4828H CON-NURS 3.0(0)
Honors Leadership, Management and Role Transition: PR: Admission to the BSN or the RN-BSN program; admission to the Honors or Honors in the major program or C.I. Application of leadership and management principles to the beginning role of the professional nurse with honors content. Spring.

NUR 4829 CON-NURS 3.0(0)
Accelerated Transitioning into Professional Practice as a Leader: PR: or CR: NUR 4945L or C.I. Application of leadership and management principles to the beginning role of the professional nurse. Occasional.

NUR 4837 CON-NURS 3.0(0)
Health Care Issues, Policy, and Economics: PR: Completion of all Jr. level and Sr. level Fall courses or C.I. Study of selected health care policy issues relevant to the financing, organization, and delivery of nursing services to populations in the community Fall, Spring.

NUR 4837H CON-NURS 3.0(0)
Honors Health Care Issues, Policy, and Economics: PR: Completion of all Jr. level and Sr. level Fall courses or C.I. Study of selected health care policy issues relevant to the financing, organization, and delivery of nursing services to populations in the community Fall, Spring.
NUR 4387H CON-NURS 3(3,0) Honors Health Care Issues, Policy, and Economics: PR: Permission of Honors, Admission to BSN program; completed first & second semester BSN curriculum core course work; or C.I. Study of selected health care policy issues relevant to the financing, organization, and delivery of nursing services in populations in the community with honors content. Occasional.

NUR 4906 CON-NURS VAR(VAR,VAR) Independent Study: Directed Study. Graded S/U or Letter grade. May be repeated for credit. Occasional.

NUR 497H CON-NURS 3(3,0) Honors Directed Reading/Research: PR: Permission of Honors and admission to major. The student will review and synthesize literature on a selected topic in preparation for the Honors Thesis or Project. Graded S/U or Letter grade. Occasional.

NUR 494L CON-NURS 3(3,0) Nursing Practicum for International Students: PR: C.I. In-depth study of clinical nursing practice for international students. Graded S/U or Letter grade. May be used in the degree program a maximum of 2 times. Occasional.

NUR 494L CON-NURS 4(4,0) Nursing Practicum: PR: Admission to the BSN program; STA 2014C or 2023; For Basic program successful completion of the first three semesters; for RN to BSN students NUR 3805 RN status or C.I. Designated to enhance student’s knowledge and expertise in an area of nursing practice chosen by the student and school of nursing faculty. Graded S/U. Spring.

NUR 497H1 CON-NURS 1-3(1-3.0) Honors Thesis or Project Work: PR: Permission of Honors. Faculty mentoring through the process of writing and defending the Honors Thesis or Project. May be taken the second time for 1-3 credit hours. May be used in the degree program a maximum of 2 times. Occasional.

OCE 3008 COS-BQ5 3(3,0) Oceanography: PR: CHM 2045C and CHM 2046, and a “C” (2.0) or better in BSC 2101C. Biological, physical and chemical oceanography. Occasional.


OCE 3490 OPT-OPT 3(3,0) Nanophotonics: PR: PHY 2049C or C.I. Optical photonic processes on nano scale and interactions with elements of physics & engineering. Occasional.

OCE 4240 OPT-OPT 3(3,0) Optics & Photonics Design: PR: OSE 3052. Analysis and design of optical and photonics systems. Assessment of image quality using optical design software. Simulation of integrated-optic systems using photonic design software. Spring.

OCE 4410L OPT-OPT 1(0,3) Optoelectronics Laboratory: CR: OSE 4410. Experiments in the basics of semiconductor optoelectronic devices including photodiodes, light-emitting diodes, laser diodes, CCDs. Applications include solar cells, displays, photodetection, and optical communications. Spring. M&S fee $18.00.

OCE 4470 OPT-OPT 3(3,0) Fiber-Optic Communications: PR: EEL 3712C or OSE 3052. Introduction to the principles and design of fiber-optic communication systems including the integrated-optic and optoelectronic devices used in transmitters and receivers. Fall.

OCE 4470L OPT-OPT 1(0,3) Fiber-Optic Communications Laboratory: CR: OCE 4470. Laboratory experiments covering the optical fiber as a communication channel, couplers, transmitters and receivers using optoelectronic devices, multiplexing, and overall systems performance. Fall. M&S fee $18.00.


OCE 4721 OPT-OPT 3(3,0) Biophotonics: PR: OSE 3052. This course is an introduction to photobiology (interaction of light with biological material), tissue optics, light-induced cellular processes, optical, and cellular and molecular imaging. Fall.

OCE 4830 OPT-OPT 3(3,0) Imaging and Display: PR: EEL 3123C, OSE 3052. Mathematical and physical models of two- and three-dimensional imaging systems including gazing, scanning, interferometric, tomographic, and hyperspectral systems. Applications to remote sensing, biology, and medicine. Spring.


OCE 4930 OPT-OPT 2(2,0) Frontiers of Optics and Photonics: PR: OSE 3052 or PHY 4424 or EEL 4440. Senior Standing. Introduction to recent advances in optics & photonics, to ethical issues, and to effective communication appropriate to the field of optics & photonics. Fall.

OCE 4951 OPT-OPT 3(3,0) Senior Design I: PR: OSE 3053, OSE 4470 and OSE 4520, PR: CR: OSE 4410 and C.I. Development of the technical, communication, and team skills for successful design of optical and photonic systems. Preparation of project proposals for Senior Design II. Fall.

OCE 4952 OPT-OPT 3(3,0) Senior Design II: CR: OSE 4951. Execution of project developed in OSE 4911, including complete project design review, prototypes, construction, testing, cost, functionality, demonstration, presentation, and reporting. Emphasis on team effort. Spring.

OCE 5041 OPT-OPT 3(3,0) Introduction to Wave Optics: PR: EEL 4440 or PHY 4424 or C.I. Electromagnetic foundation of light waves as applied to reflection, diffraction, interference, polarization, coherence, and guided waves. Occasional.


OCE 5312 OPT-OPT 3(3,0) Light Matter Interaction: PR: Graduate standing or C.I. Microscopic theory of absorption, dispersion, and refraction of materials; classical and quantum mechanical description of optical properties. Spring.

OCE 5313 OPT-OPT 3(3,0) Materials for Optical Systems: PR: Graduate standing or C.I. Course will review key attributes of optical materials that allow them to be used in a range of applications, devices and components in optical systems. Occasional.

OCE 5414 OPT-OPT 3(3,0) Fundamentals of Optoelectronic Devices: PR: Graduate standing or C.I. Operation, methods of fabrication, applications, and limitations of various optoelectronic devices including quantum well semiconductor devices. Fall.

OCE 5630C OPT-OPT 2(2,1) Thin Film Optics: PR: PHY 4424 or EEL 4440 and OSE 5041 or OSE 5630C. Principles of thin film optics and its applications in optical, electro-optical, and laser systems. Occasional.

PAD 3003 HPA-PUB 3(3,0) Public Administration in American Society: PR: POS 2041, and Sophomore standing, and in a program that requires this course, or C.I. An examination of the basic environment, culture, organization of public administration in the United States. Fall, Spring.

PAD 3040 HPA-PUB 3(3,0) Ethics and Values in Public Administration: PR: Junior standing and in a program that requires this course, or C.I. Ethical dimensions of public administration. Develops the awareness, skills, and value framework to act ethically. Occasional.

PAD 3330 HPA-PUB 3(3,0) Urban and Regional Planning: PR: Junior standing and in a program that requires this course, or C.I. Planning topics such as land-use, and comprehensive and urban planning as they relate to the physical aspects of the natural and human environment. Fall, Spring.

PAD 3733 HPA-PUB 3(3,0) Professional Administrative Writing in the Public Sector: PR: POS 2041, and Sophomore standing and Public Administration major or minor, or C.I. Professional and technical writing for the field of public administration. Fall, Spring.

PAD 3930 HPA-HPA 1(1,0) Nonprofit Leadership Seminar: PR: Declared Nonprofit Management minor and Junior standing and ENC 1102. Discussion and activity based course exploring nonprofit competencies to prepare students for management and leadership positions in human services. Student Association activities included. May be used in the degree program a maximum of 3 times. Fall, Spring.

PAD 4034 HPA-PUB 3(3,0) The Administration of Public Policy: PR: PAD 3003, and PAD 3733, and ECO 2013 or ECO 2023, and Junior Standing, or C.I. Problems of values, interests, and objectives and their impact on the administration of public programs, stressing the interplay between social values, policies and administration. Fall, Spring.

PAD 4104 HPA-PUB 3(3,0) Administrative Theory: PR: PAD 3003, and PAD 3733, and ECO 2013 or ECO 2023, and Junior standing, or C.I. A review of the behavioral aspects of the administrative process, its impact on organizational goal achievement and on supervisory strategies. Some social and structural pathologies affecting administrative practice. Fall, Spring.

PAD 4131 HPA-PUB 3(3,0) Public Sector Project Management: PR: Junior Standing Various approaches to managing projects, including using scheduling techniques such as GANTT, CPM, and PERT, as well as team building, facilitating, and leadership skills. Occasional.
PAD 4144 HPA-PUB 3(3.0)
Nonprofit Organizations: PR: Junior standing and have declared Nonprofit Minor or Certificate or C.I. The operations of nonprofit organizations, including working with board of directors, volunteer services, fund-raising and grantmanship, financial management and marketing. Fall, Spring.

PAD 4147 HPA-PUB 3(3.0)
Resource Development in the Nonprofit Sector: PR: Junior status and have declared Nonprofit minor or certificate or C.I. Examination of the development and management of human resources and financial resources and financial aid. The development in nonprofit organizations is discussed. Fall.

PAD 4148 HPA-PUB 3(3.0)
Volunteer Management: PR: Junior status and have declared Nonprofit Minor or Certificate or C.I. Examination of recruitment, selection, training and management of volunteers in nonprofit organizations and the application of management theory. Spring.

PAD 4153 HPA-PUB 3(3.0)
Planning and Improvement for Public Organizations: PR: Public Administration major or Non Profit Certificate student, and Junior standing, or C.I. Prepare future leaders for the changing paradigms of the public sector by providing education in a variety of quality related areas. Fall.

PAD 4204 HPA-PUB 3(3.0)
Fiscal Management: PR: PAD 3003, and PAD 3733, and ECO 2013 or ECO 2023, and Junior standing, or C.I. Analysis of methods of securing public funds, the process of budget making, and techniques of management used in managing public funds. Fall, Spring.

PAD 4223 HPA-PUB 3(3.0)
Public Budgeting: Skills and Techniques: PR: PAD 3003 or C.I. Analytical skills and administrative techniques employed by public budget analysis, focusing on the process of generating and using information. Occasional.

PAD 4253 HPA-PUB 3(3.0)
Community & Economic Development: PR: Public Administration major or Non Profit minor or Urban Regional Planning minor, and Junior standing, or C.I. This course will examine local and regional economic development strategies, with an emphasis on effective policy setting and planning. Fall.

PAD 4235 HPA-PUB 3(3.0)
Program Evaluation for Public and Nonprofit Organizations: PR: Junior standing and (declared nonprofit minor or declared Nonprofit certificate or Public Administration major or C.I.) To develop an understanding of program evaluation and to apply the process by developing a program evaluation for a program. Spring.

PAD 4331 HPA-PUB 3(3.0)
Land Use and Planning: PR: Urban and Regional Planning minor and Junior standing, or C.I. The study of land use and planning to include zoning variances, non-conformities, development agreements, subdivision controls, redevelopment and sprawl. Fall.

PAD 4334 HPA-PUB 3(3.0)
Urban Design: CR: Urban and Regional Planning minor and Junior standing, or C.I. Theories and concepts of the physical, cultural, social and financial factors associated with urban design. Spring.

PAD 4351 HPA-PUB 3(3.0)
Issues in Environmental Program Management: PR: Junior standing and in a program that requires this course, or C.I. The study of environmental policy making processes, programs, and problems through lectures, field study, and research projects. Spring.

PAD 4371 HPA-PUB 3(3.0)

PAD 4390 HPA-PUB 3(3.0)
Hazard Mitigation and Preparedness: PR: Emergency Management and Homeland Security minor or Urban and Regional Planning minor, and Junior standing, or C.I. Specialized knowledge and skills necessary to develop a proactive hazard mitigation plan to reduce the effects of natural and technological disasters. Fall.

PAD 4392 HPA-PUB 3(3.0)
Emergency Management and Homeland Security: PR: Emergency Management and Homeland Security minor or Urban and Regional Planning minor, and Junior standing, or C.I. After a public emergency, a variety of services must be provided to the victims. This course reviews and analyzes coordination and management of these services. Fall.

PAD 4395 HPA-PUB 3(3.0)
Disaster Response and Recovery: PR: Junior standing and (Emergency Management and Homeland Security minor or Urban and Regional Planning minor, or C.I. Individual, group, organizations and community behavior and recovery from disasters. Service delivery strategies are highlighted and complex dynamics of the recovery process are emphasized. Spring.

PAD 4414 HPA-PUB 3(3.0)
Human Resource Administration: PR: PAD 3003, and PAD 3733, and ECO 2013 or ECO 2023, and Junior standing, or C.I. Specialized knowledge and skills necessary to develop a proactive hazard mitigation plan to reduce the effects of natural and technological disasters. Fall.

PAD 4446 HPA-PUB 3(3.0)
Multiculturalism in Public Administration: PR: CHPA major or minor, or C.I. This course is designed to help public managers examine public and personal attitudes and values, ethical dilemmas, and social consequences related to issues of diversity. Occasional.

PAD 4712 HPA-PUB 3(3.0)
Information Systems for Public Managers and Planners: PR: Emergency Management and Homeland Security minor or Urban and Regional Planning minor, and Junior standing, or C.I. Knowledge and skills concerning information technologies important for planners and public managers, including use of GIS to manipulate and analyze spatial data. Spring.

PAD 4720 HPA-PUB 3(3.0)
Survey Research in Public Administration: PR: PAD 3003, and PAD 3733, and ECO 2013 or ECO 2023, and Junior standing, or C.I. Introduction to the concepts, design, methodology, computer applications, and data analysis in applied research in the public sector. Fall, Spring.

PAD 4803 HPA-PUB 3(3.0)
Issues in Urban Administration: CR: Urban and Regional Planning major and Junior standing, or C.I. To provide students with an understanding of public policy and administrative responses to socioeconomic problems within the urban context. Occasional.

PAD 4822 HPA-PUB 3(3.0)
Intergovernmental Administration: PR: Emergency Management and Homeland Security minor or Urban and Regional Planning minor, and Junior standing, or C.I. Various approaches to studying and explaining the American Intergovernmental system. Emphasis on interorganizational activities, i.e., negotiation, cooperation, and coordination within and without existing fed. Fall.

PAD 4841 HPA-PUB 1-12(3-12-40)
Public Administration Internship: PR: Junior Standing and Public Administration major and permission of the Internship Coordinator in Public Administration Internship in municipal, county, state, or federal government, including assignments in such fields as personnel, planning, budget, and fiscal, procurement, and public safety. Graded SU. Occasional.

PAD 4948 HPA-PUB 3(3.0)
Nonprofit Management Internship: PR: Junior standing and enrollment in nonprofit minor, and completion or concurrent enrollment in at least one credit hour of PAD 3930. Supervised internship to demonstrate AH identified competencies for students in American Humanics certification program. Requires minimum of 300 hours placement in nonprofit human service organizations. May be repeated for credit. Fall, Spring.

PAD 5041 HPA-PUB 3(3.0)
Ethics and Values in Public Administration: PR: Junior standing and enrollment in nonprofit minor. Public concerns, past patterns, and individual/social aspects of ethical behavior are explored. Occasional.

PAD 5145 HPA-PUB 3(3.0)
Volunteerism in Nonprofit Management: PR: Admission to Master of Nonprofit Management degree, Nonprofit certificate or C.I. Volunteer development in nonprofit organizations, including board selection, development and leadership, volunteer recruitment, training, retention and theories of motivation, leadership, ethical issues. Fall, Spring.

PAD 5146 HPA-PUB 3(3.0)

PAD 5336 HPA-PUB 3(3.0)
Introduction to Urban Planning: PR: Junior standing and enrollment in nonprofit minor or Certificate or C.I. The study of urban and regional planning, land use and comprehensive planning, environmental planning, and social planning. Fall.

PAD 5337 HPA-PUB 3(3.0)
Urban Design: PR: Junior status and have declared Urban and Regional Planning minor, and Junior standing, or C.I. The history, operating components, and local aspects of the legal underpinnings of urban planning. Social aspects such as zoning, growth management, and environmental regulation. Spring.

PAD 5356 HPA-PUB 3(3.0)
Managing Community and Economic Development: PR: Graduate standing or C.I. Overview of economic development activities focusing on policy and management issues at the local level. Spring.

PAD 5425 HPA-PUB 3(3.0)
Dispute Resolution in the Public Sector: CR: Junior standing and enrollment in nonprofit minor. Knowledge of the skills needed to resolve disputes in the public sector through facilitation, mediation, and other alternative methods. Occasional.

PAD 5427 HPA-PUB 3(3.0)

PAD 5807 HPA-PUB 3(3.0)
Local Government Operations: PR: Junior Standing or C.I. Functional operations of municipal and county governments and the role of the chief executive officer. Occasional.

PAD 5850 HPA-PUB 3(3.0)
Grant and Contract Management: PR: Admission to the Master of Nonprofit Management degree, Nonprofit certificate or C.I. Study of government or public nonprofit organization grant seeking and contract administration, and management responding to funding assistance solicitations and grant and contract preparation, evaluation, and presentation. Fall, Spring.

PAD 5855 HPA-PUB 3(3.0)
Introduction to Public Procurement: PR: C.I. Acquisition of knowledge and skills relating to the public procurement process. Occasional.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Department</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 3354 COS-BIOL</td>
<td>3(3.0)</td>
<td>Tropical Ecology and Conservation: PR: PCB 3344 with a grade of &quot;C&quot; (2.0) or better, or C.I. Geographical ecology, and environmental problems encountered in various tropical ecosystems with particular emphasis towards terrestrial systems in tropical rainforests. Occasional.</td>
</tr>
<tr>
<td>PCB 3355 COS-BIOL</td>
<td>2(0.2)</td>
<td>Tropical Marine Biology: PR: A &quot;C&quot; (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Intensive, one week field course at an institute of marine science. Diving/ snorkeling will be used extensively to study organisms on pristine coral reefs. Occasional.</td>
</tr>
<tr>
<td>PCB 3442 COS-BIOL</td>
<td>3(3.0)</td>
<td>Aquatic Ecology: PR: A minimum grade of &quot;C&quot; (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. An introduction to aquatic ecology of Florida with emphasis on ponds, lakes, streams, and rivers. Occasional.</td>
</tr>
<tr>
<td>PCB 3522 COM-BSBS</td>
<td>3(3.0)</td>
<td>Molecular Biology I: PR: CHM 2211 and MCB 3020C or C.I. General principles governing the structure and function of both prokaryotic and eukaryotic genes. Fall, Spring.</td>
</tr>
<tr>
<td>PCB 3522H COM-BSBS</td>
<td>3(3.0)</td>
<td>Honors Molecular Biology I: PR: CHM 2211 and MCB 3020C or C.I. The general principles governing the structure and function of both prokaryotic and eukaryotic genes. Occasional.</td>
</tr>
<tr>
<td>PCB 4253 COS-BIOL</td>
<td>3(3.0)</td>
<td>Florida Natural History: PR: A &quot;C&quot; (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Florida's ecology, past and present flora and fauna, and naturalists who visited the state. Occasional.</td>
</tr>
<tr>
<td>PCB 4402 COS-BIOL</td>
<td>3(3.0)</td>
<td>Disease Ecology &amp; Ecomnologny: PR: A grade of &quot;B&quot; (3.0) or better in PCB 3063 and PCB 3044 or C.I. Examination of how hosts, parasites and environment interact to shape organisms, populations and communities. Occasional.</td>
</tr>
<tr>
<td>PCB 4408 COS-BIOL</td>
<td>3(3.0)</td>
<td>Urban Ecology: PR: PCB 3044 with a &quot;B&quot; (3.0) or better, or C.I. Urban ecosystems, urbanizing landscapes, and the impacts of urban areas on ecological pattern and processes at local, regional and global scales. Occasional.</td>
</tr>
<tr>
<td>PCB 4514 COS-BIOL</td>
<td>3(3.0)</td>
<td>Genetics I: PR: A minimum grade of &quot;B&quot; (3.0) in PCB 3063, or C.I. Advanced topics in genetics and epigenetics including genome organization, gene regulation, chromosome mutation, developmental genetics and the effect of environment on phenotype. Even Fall.</td>
</tr>
<tr>
<td>PCB 4521 COM-BSBS</td>
<td>3(3.0)</td>
<td>Tissue Engineering: PR: MCB 3020C or CHM 2045C. Tissue engineering with a special emphasis on the current state of the field, on novel methods and on cell- material interaction and function.</td>
</tr>
<tr>
<td>PCB 4524 COM-BSBS</td>
<td>3(3.0)</td>
<td>Molecular Biology II: PR: PCB 3522. The processes regulating gene function in prokaryotes and eukaryotes; specialized genetic aspects underlying multi-cellular existence. DNA evolution. Spring.</td>
</tr>
<tr>
<td>PCB 4524H COM-BSBS</td>
<td>3(3.0)</td>
<td>Honors Molecular Biology II: PR: Permission of honors and PCB 3522. Same as PCB 4524 with honors level content. Spring.</td>
</tr>
<tr>
<td>PCB 4529C COM-BSBS</td>
<td>3(3.0)</td>
<td>Experimental Molecular Cellular Biology: PR: BSC 3403C with a &quot;B&quot; (3.0) or better, or PCB 3023 with a &quot;B&quot; (3.0) or better. Examination of the experimental basis for current knowledge in molecular and cellular biology topics and will link classroom discussions with a required laboratory component. Spring.</td>
</tr>
<tr>
<td>PCB 4663 COM-BSBS</td>
<td>3(3.0)</td>
<td>Human Genetics: PR: PCB 3522 or PCB 3023. Topics include the principles of genetics as applied in humans, human hereditary disorders, and the impact of genetics and technology on medicine and medical practices. Spring.</td>
</tr>
<tr>
<td>PCB 4678 COS-BIOL</td>
<td>3(3.0)</td>
<td>Evolution and Medicine: PR: A &quot;B&quot; (3.0) or better in PCB 4683, or C.I. Evolutionary theory and perspectives to investigate problems in human health and disease. Odd Fall.</td>
</tr>
<tr>
<td>PCB 4683 COS-BIOL</td>
<td>4(4.0)</td>
<td>Evolutionary Biology: PR: A grade of &quot;C&quot; (2.0) or better in PCB 3044 and PCB 3063 or C.I. Demographic and genetic structure of populations and their relationship to speciation, adaptation, and macroevolutionary processes in plants and animals. Fall, Spring.</td>
</tr>
<tr>
<td>PCB 4683L COS-BIOL</td>
<td>1(0.2)</td>
<td>Evolutionary Biology Lab: PR: or CR: PCB 4683. Reading, problem solving and discussion on current topics in evolutionary biology. Fall, Spring. M&amp;S fee $33.00</td>
</tr>
<tr>
<td>PCB 4708L COM-BSBS</td>
<td>3(3.0)</td>
<td>Laboratory Virtual Simulations in Physiology: PR: PCB 3703C or ZOO 3703C. Conduct experiments in physiology that enhance the ability to design, collect, analyze data and report results in a scientific manner. Occasional.</td>
</tr>
</tbody>
</table>

**UNIVERSITY OF CENTRAL FLORIDA**

508 Undergraduate Catalog 2014-2015
PCB 4723 COS-BIOL 4(4,0)
Animal Physiology: PR: A “C” (2.0) or better in PCB 3023, or C. Fundamentals of body processes occurring in animals, with emphasis on vertebrate physiology. Fall.

PCB 4802 COS-BIOL 3(3,0)
Comparative Endocrinology: PR: A “C” (2.0) or better in both PCB 3023 and PCB 3044, or C. Hormonal regulation of an animal’s physiological responses to environmental changes. Occasional.

PCB 4805 COM-SSBS 3(3,0)

PCB 4813 COM-SSBS 3(3,0)
Molecular Aspects of Obesity, Diabetes & Metabolism: PR: PCB 3522 or BCH 4083. Advanced topics of physiological processes at the cellular, molecular and system level. Spring.

PCB 4832 COM-SSBS 3(3,0)
Cellular and Molecular Basis of Brain Functions: PR: PCB 3522, PCB 3703C, ZOO 3733C. Designed to provide advanced undergraduate students the concepts required to understand the physiological basis of brain functions at the molecular, cellular and system levels. Fall.

PCB 4833 COM-SSBS 3(3,0)
Advanced Human Physiology: PR: PCB 3522, PCB 3703C, ZOO 3733C. Advanced topics of physiological processes at the cellular, molecular and system levels. Fall.

PCB 4843 COM-SSBS 3(3,0)
Cellular and Molecular Neuroscience: PR: ZOO 3744. An advanced and thorough course providing understanding of the cellular components and molecular signaling pathways involved in the nervous system function. Spring.

PCB 4943 COM-SSBS 3(3,0)
Peer Instruction and Laboratory Occupational Training: PR: BSC 3403C or BSC 4033H Internship practicum in a molecular biology laboratory where students teach, present, read journal articles, and work on a research project. May be repeated for credit. Occasional.

PCB 5025 COM-SSBS 3(3,0)
Molecular and Cellular Pharmacology: PR: Graduate standing. PCB 3522. The cellular and molecular events that lead to disease states and the molecular basis of agents that modulate these processes will be covered. Spring.

PCB 5045 COS-BIOL 4(4,0)
Conservation Biology: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Scientific basis of conservation; conservation of ecosystems, populations, exploited species, and endangered species. Fall. M&S fee $15.00

PCB 5235 COM-SSBS 3(3,0)
Molecular Immunology: PR: PCB 3522 or equivalent. Fundamental functions of the human immune system, focusing on cellular and molecular aspects of the innate and adaptive immune response. Spring.

PCB 5236 COM-SSBS 3(3,0)

PCB 5238 COM-SSBS 3(3,0)
Immunobiology: PR: PCB 3233, PCB 4280. Advanced topics in immune system dysregulation with special emphasis on innate immunity. Spring.

PCB 5265 COM-SSBS 3(3,0)
Stem Cell Biology: PR: Graduate standing. Introduction to embryonic and adult stem cells, procedures to isolate them, principles and applications of stem cells in animal and human diseases. Occasional.

PCB 5275 COM-SSBS 3(3,0)
Signal Transduction Mechanics: PR: PCB 3522 and PCB 4524. A review of various signal transduction cascades used in mammalian cells to control growth and differentiation. Discussion of original research papers will occur. Occasional.

PCB 5326C COS-BIOL 5(3,2)
Ecosystems of Florida: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Ecosystems of Florida will be discussed to include geography, geology, climate, energetics, nutrient cycling, community structure and conservation. Occasional. M&S fee $15.00

PCB 5435C COS-BIOL 4(2,6)
Marine Ecology of Florida: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Survey of experimental methods used in the study of marine communities in central and southern Florida, combining field manipulation and readings from primary literature. Odd Spring. M&S fee $45.00

PCB 5547 COS-BIOL 3(3,0)
Disease Ecology & Ecomicrobiology: PR: A grade of “B” (3.0) or better (in PCB 3065 or equivalent) and Ecology (PCB 3044 or equivalent), or C.I., or graduate standing. Examination of how hosts, parasites and environment interact to influence organisms, populations and communities. Occasional.

PCB 5548 COS-BIOL 3(3,0)
Models in Ecology: PR: PCB 3044, MAC 2311C (or equivalent), and graduate status or senior standing or C.I. A survey of how simulation models are applied to ecological questions of both the theoretical and managerial nature. Occasional. M&S fee $15.00

PCB 5557 COM-SSBS 3(3,0)
Genetic Engineering and Biotechnology: PR: PCB 3522 and PCB 4524 or C.I. Principles of Genetic Engineering and Biotechnology in Bacteria, Yeast, Viral, Mammalian, Non-mammalian systems, Plants, including human gene therapy, novel pharmaceuticals, recombinant proteins will be discussed in depth. Fall.

PCB 5596 COM-SSBS 3(3,0)
Biomedical Informatics: Sequence Analysis: PR: PCB 3522 or equivalent or C.I. Introduction of useful bioinformatics tools and resources on sequence analysis. Fall.

PCB 5665C COS-BIOL 4(3,2)
Human Genetics: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Human Genetics provides a theoretical framework for understanding the biology of the human species. Occasional. M&S fee $15.00

PCB 5687 COS-BIOL 3(3,0)
Evolutionary Ecology: PR: PCB 4683 or equivalent and C.I. Evolution of life history traits (e.g., propagule size, age/size at maturity, survivorship and senescence) examined using a quantitative genetic framework. Even Fall.

PCB 5709C COM-SSBS 3(1,2)
Laboratory Virtual Simulations in Physiology: CR: PCB 5534C Advanced Human Physiology. Conduct experiments in physiology that enhance the ability to design, collect, analyze data and report results in a scientific manner. Occasional.

PCB 5807 COS-BIOL 3(3,0)
Comparative Endocrinology: PR: PCB 3023 and PCB 3044 or equivalent and C.I. Hormonal regulation of animal behavior and physiological responses to the environment. Even Fall.

PCB 5815 COM-SSBS 3(3,0)
Molecular Aspects of Obesity, Diabetes & Metabolism: PR: PCB 3022 or BCH 4083 or SBC 6432. Biochemical, molecular and physiological aspects of obesity, diabetes and metabolic diseases and how scientific findings can be translated towards prevention and treatment. Odd Spring.
UCF Courses and Descriptions

PEM 2121C ED-E&HS 3(1,3)
Yoga: Performance and application of a series of basic movements, breathing, and concentration techniques designed to enhance body awareness, flexibility, strength, and balance, and to allow the mind to be focused and centered. Fall, Spring.

PEM 2127C ED-E&HS 2(1,1)
Pilates: The Pilates method of body conditioning emphasizing core musculature as it applies to everyday movement. Occasional.

PEM 2131 ED-E&HS 2(1,1)
Strength Resistance Training: Study of fitness and strength development through resistance exercise. Fall, Spring.

PEM 2134C ED-E&HS 2(1,1)
Adventure Recreation: Options for adventure recreation including: outdoor living skills, canoeing, kayaking, rock climbing, hiking and backpacking. Occasional.

PEM 2171 ED-E&HS 2(1,1)
Aerobics: Appropriate rhythmic muscle toning movements that develop aerobic fitness; concepts taught include warm-up, flexibility, stretch, cool down, and heart rate. Fall, Spring.

PEM 2173 ED-E&HS 2(1,1)
Step Aerobics: Appropriate rhythmic muscle toning movement designed to develop aerobic fitness. Concepts taught include warm-up, flexibility, work-out, and cool-down. Occasional.

PEM 2175 ED-E&HS 2(1,1)
Country/Western Dance: Basic instruction in Country/Western Dance. Improve aerobic fitness by learning line dances, circle dances and basic partner steps, such as two-step and waltz. Occasional.

PEM 2176C ED-E&HS 2(1,1)

PEM 2179C ED-E&HS 2(1,1)
Boot Camp Fitness: Study and application of aerobic and anaerobic physical fitness activities to improve core strength, posture, balance control, body alignment and flexibility. Occasional.

PEM 2405 ED-E&HS 3(1,2)
Self Defense for Women and Men: Designed to provide students with self defense skills. Fall, Spring.

PEM 2431 ED-E&HS 2(2,0)
Beginning Judo: Study and application of basic skills, falling, gripping techniques, basic self-defense, terminology, philosophy and fitness training involved in the Olympic sport of Judo. Fall, Spring.

PEM 2432 ED-E&HS 2(2,0)
Intermediate Judo: PR: PEM 2431 or C.I. Study and application of intermediate skills, body and strength conditioning, appropriate protocols and terminology involved in Judo training. Fall, Spring.

PET 5408C ED-CFCS 3(2,1)
Controlling Classroom Violence: PR: Graduate standing; certified teacher. A hands-on course dealing with controlling disruption and violence as well as how teachers can protect themselves. Occasional.

PEO 2011 ED-E&HS 3(2,1)
Team Sports: This course is designed to develop skill proficiency and knowledge to plan, implement and evaluate team sports as part of the Physical Education program. Fall, Spring.

PEO 2031 ED-E&HS 3(2,1)
Individual Sports: Skill proficiency and knowledge to plan, implement and evaluate individual sports. Fall, Spring.

PEO 2623C ED-E&HS 3(2,1)
Officiating Basketball: Skills, knowledge, and practical experience required to become an official in the sport of basketball. Occasional.

PEO 3041 ED-E&HS 3(3,0)
Games Analysis: PR: Admission to Sport and Exercise Science program and minimum overall 2.5 GPA. Teaching methodology utilizing games for specific outcome behaviors in grades K-12. Fall, Spring.

PEO 3219 ED-E&HS 3(2,0)
Coaching Baseball and Softball: PR: Admission to Sport and Fitness program/majors or C.I. Theory and methods of coaching baseball and softball, including the analysis of offensive and defensive techniques and strategies. Occasional.

PEO 3324 ED-E&HS 3(2,1)
Coaching Volleyball: PR: Admission to Sport and Exercise Science program or Coaching Minor and minimum overall 2.5 GPA. Theory and methods of coaching volleyball, including the analysis of offensive and defensive alignment techniques and strategies. Spring.

PET 3514C ED-E&HS 3(2,1)
Coaching Soccer: PR: Admission to the Sport and Exercise Science program/majors or C.I. Theory and methods of coaching soccer, including the analysis of offensive and defensive techniques and strategies. Fall, Spring.

PEO 3624 ED-E&HS 3(3,0)
Coaching Basketball: PR: Admission to Sport and Exercise Science program or Coaching Minor and minimum overall 2.5 GPA. Theory and methods of coaching basketball, including the analysis of offensive and defensive techniques and strategies. Fall, Spring.

PET 3644 ED-E&HS 3(2,1)
Coaching Football: PR: Admission to Sport and Exercise Science program or Coaching Minor and minimum overall 2.5 GPA. Theory and methods of coaching football, including the analysis of offensive and defensive techniques and strategies. Occasional.

PET 5645C ED-CFCS 3(2,1)

PET 2081 ED-E&HS 1(1,0)
Wellness, Children and Schools: Exploration and promotion of wellness for children in schools. Fall, Spring.

PET 3005 ED-E&HS 3(3,0)
Introduction to Sport and Exercise Science: PR: Admission to Sport and Exercise Science program or Sport and Exercise Science Pending or department consent. An introduction to sport and exercise science with emphasis on wellness, lifestyle, physical activity, and human performance. Fall, Spring.

PET 3097 ED-E&HS 3(3,0)

PET 3125 ED-E&HS 3(3,0)
Fitness and Weight Management: PR: Admission to Sport and Exercise Science program or Fitness Training Minor and minimum overall 2.5 GPA. Provides current and future professionals with the requisite knowledge of fitness and weight management research, theories, and practice. Fall, Spring.

PET 3137 ED-E&HS 3(3,0)
Concepts and Practices in Sport and Exercise Science: PR: Admission to the Sport and Exercise Science program or C.I. Examination of experiences in Sport and Exercise Science program: concepts, practices, and science. Fall, Spring.

PET 3344C ED-E&HS 3(3,0)

PET 3361 ED-E&HS 3(3,0)
Nutrition and Metabolism in Sport and Exercise Science: PR: Admission to Sport and Exercise Science program or Fitness Training Minor, BSC 2010C or equivalent and minimum overall 2.5 GPA. Study of nutrition with focus on the strategies designed to meet nutrient demands for physical activity, exercise, metabolism, and athletic performance in sport and exercise sciences. Fall, Spring.

PET 3510C HPA-HP 3(2,1)
Physiologic & Metabolic Basis of Human Movement & Performance: PR: Admission to Athletic Training B.S. Program Exercise physiology, drugs & nutrition, and performance & injury; each focusing on the key elements for the application of athletic training principles. Fall.

PET 3765 ED-E&HS 3(3,0)
Coaching Theory: PR: Admission to Sport and Exercise Science program or Sport and Exercise Science Pending or Coaching Minor. Theories of coaching team and individual sports. Fall, Spring.

PET 3768 ED-E&HS 3(3,0)
Group Exercise Instruction: PR: Admission to Sport and Exercise Science program or Coaching Minor and minimum overall 2.5 GPA. An in-depth study into group exercise instruction and fitness related concepts. Fall.

PET 3771 ED-E&HS 3(3,0)
Strength and Conditioning Concepts: PR: Admission to Sport and Exercise Science program or Coaching Minor, ZOO 3736C or equivalent and minimum overall 2.5 GPA. Integration of advanced components of strength training and endurance conditioning for the sport and exercise professional. Fall, Spring.

PET 3820 ED-E&HS 3(3,0)
Teaching Sports Skills I: PR: Admission to Sport and Exercise Science program or Sport and Exercise Science Pending. Skill proficiency and knowledge to plan, implement and evaluate sports and leisure activities in physical education programs. Fall, Spring.

PET 4050C ED-E&HS 3(2,1)
Motor Development and Learning: PR: Admission to Sport and Exercise Science program of Early Childhood Development and Education program and minimum overall 2.5 GPA. An analysis of the theories and factors influencing the motor development of children and the learning of gross and fine motor skills. Fall, Spring.

PET 4083 ED-E&HS 3(3,0)
Personal Training Methods: PR: Admission to Sport and Exercise Science program or Fitness Training Minor and minimum overall 2.5 GPA. An in-depth study into personal training and fitness related concepts. Fall, Spring.

PET 4088 ED-E&HS 3(3,0)
Physical Activity & Preventive Medicine: PR: Admission to Sport and Exercise Science program, ZOO 3736C or equivalent and minimum overall 2.5 GPA. Critique and analysis of evidence that exercise training can prevent some diseases and increase quality of life. Fall, Spring.

PET 4143 ED-E&HS 3(3,0)
Current Issues & Trends in Sport and Exercise Science: PR: Admission to Sport and Exercise Science program and minimum overall 2.5 GPA. Examination of the current issues and trends encountered by professionals in sport and exercise science. Fall, Spring.

PET 4215 ED-E&HS 3(3,0)
Motivational Aspects of Athletic Performance: PR: Admission to Sport and Exercise Science program, Fitness Training Minor or Coaching Minor and minimum overall 2.5 GPA. Theories of attitude, motivation, effort, persistence, mental focus, visualization, and an exploration of techniques to enhance athlete performance. Fall, Spring.

PET 4312C ED-E&HS 3(2,1)
Kinesiology/Biomechanics: PR: Admission to Sport and Exercise Science program or Fitness Training Minor, BSC 2010C or equivalent, ZOO 3736C and minimum overall 2.5 GPA. The comprehension and application of anatomical and mechanical principles involved in human movement. Fall, Spring.
PET 4315C HPA-HP 3(2,2) Biomechanics of Sport: PR: PHY 2053C or PHY 2040C. L: Assessment of physiological and mechanical aspects of sports and injuries. Spring.

PET 4401 ED-E&HS 3(3,0) Administration and Evaluation in Sport and Fitness: PR: Admission to Sport and Fitness program or C.I. Addressing administrative, measurement and evaluation aspects of Sport and Fitness programs. Fall, Spring.

PET 4550C ED-E&HS 3(2,1) Assessment and Evaluation in Exercise Science: PR: Admission to Sport and Exercise Science program. APK 4110C and minimum overall 2.5 GPA. A study and acquisition of health related fitness, exercise strategies and related assessment techniques. Fall, Spring.

PET 4552 ED-E&HS 3(3,0) Exercise Prescription for Special Populations: PR: Admission to Sport and Exercise Science program or Fitness Training Minor, APK 4110C and minimum overall 2.5 GPA. Students integrate knowledge of exercise science, physiology, and fitness conditioning to develop exercise programs dealing with aging, osteoporosis, diabetes, obesity, heart disease, and pregnancy. Fall, Spring.

PET 4606 HPA-HP 3(3,0) Applied Fitness in Sport: PR: ZOO 3733C or ZOO 3734C. Jacobson. Open to all COHPA majors. Appreciation and clinical application of fitness regarding athletics. Spring.

PET 4640 ED-E&HS 3(3,0) Adapted Physical Education: Principles and methods of adapting physical education activities and programs to exceptional children and adults, mainstreaming rationale and methods analyzed. Spring.

PET 4710 ED-E&HS 3(3,0) Methods for Physical Activity for Children and Adolescents: PR: Admission to Sport and Exercise Science program and minimum overall 2.5 GPA. Development of effective instructional skills through planning, teaching, and assessment. Curricular and instructional considerations for physical activity in children and adolescents. Fall, Spring.

PET 4763 ED-E&HS 3(3,0) Coaching Methods And Principles: PR: Admission to Sport and Exercise Science minor, Sport and Exercise Science Pending or Coaching Minor. Assist students in understanding and conceptually integrating teaching methods/coaching strategies with emphasis given to contemporary and leadership styles. Fall, Spring.

PET 4801 ED-E&HS 3(3,0) Capstone in Sport and Exercise Science: PR: Senior standing in Sport and Exercise Science program and minimum overall 2.5 GPA. Enhances students’ oral and written presentation and presentation in issues and topics related to sport and exercise science. Fall, Spring.

PET 4925 ED-E&HS 6(0,16) Sport and Fitness Practicum I: PR: Overall GPA of 2.5 and completion of 1/3 of the Sport and Fitness program requirements. Field experience in a sport and fitness related organization. Graded SU. Fall, Spring.

PET 4926 ED-E&HS 9(0,0) Sport and Exercise Science Practicum: PR: Senior standing in Sport and Exercise Science program and minimum overall 2.75 GPA. Field experience in a sport and exercise science organization, association, or business. Graded SU. Fall, Spring.

PET 4943 ED-E&HS 12(0,35) Internship II: PR: Must have completed coursework in specialization. Satisfactory completion of the portfolio. Full time student teaching under a certified elementary or secondary physical education teacher. Graded SU. May be repeated for credit. Occasional.

PET 5216 ED-E&HS 3(3,0) Motivational Aspects of Coaching: PR: Graduate standing or C.I. Assist students to understand and conceptually integrate mental and physical performance, mental rehearsal, motivation, effort, persistence, adherence and compliance, measurement and evaluation, and other related topics of interest. Occasional.

PET 5355 ED-E&HS 3(3,0) Exercise and Health: PR: Admission to master’s program or certificate program. Will provide students an in-depth understanding of energy pathways, and neuromuscular, cardiovascular, and respiratory systems during exercise. Emphasis on understanding principles of exercise adaptation and applying those principles to fitness/wellness settings. Occasional.

PET 5495 ED-E&HS 3(3,0) Critical Issues: Ethics in Coaching and Sport: PR: Graduate standing or C.I. Specializes in coaching and sport leadership in self-evaluating, examining, and developing philosophy, values, and moral reasoning skills. Occasional.


PET 5931 ED-E&HS 3(3,0) Current Issues and Trends in Physical Education and Sport: PR: Admission to the Physical Education graduate program or C.I. Examination of the current issues and trends encountered by professionals in physical education and sport. Occasional.

PGY 2401C CAH-SVAD 3(3,2) Beginning Photography: PR: ART 2201C, ART 2300C or C.I. Introduction to photography with an art emphasis. Fall, Spring. M&S fee $45.00

PGY 3002 CAH-SVAD 3(3,0) Contemporary Photography: PR: PGY 2401C or C.I. Late 20th and 21st century (1970’s-present) contemporary movements in photography, special emphasis on issues and ideas relative to contemporary image making. Occasional.

PGY 3205C CAH-SVAD 3(2,4) Photographic Lighting Techniques: PR: PGY 3103C. Intermediate photography skills, studio photographic equipment, and techniques; the art of studio photography and design. M&S fee $70.00

PGY 3276 CAH-SVAD 3(3,0) The Professional Environment: PR: PGY 3002 or C.I. Concepts necessary for operation of a photography studio. Includes legal, ethical issues; marketing; self-promotion strategies; funding opportunities; professional development, and professional presentation. Occasional.


PGY 3451C CAH-SVAD 3(2,4) Alternative Processes: PR: PGY 3472C or C.I. 19th century photographic processes with related contemporary non-traditional methods of image creation and presentation. Occasional. M&S fee $45.00

PGY 3472C CAH-SVAD 3(2,1) Photo Visualization: PR: PGY 2650, PGY 2215 or C.I. Analysis of visual problems with an emphasis on communicating and applying a theoretical language to photographic imagery. M&S fee $68.00

PGY 3480 CAH-SVAD 3(3,0) Museum and Gallery Practices: PR: PGY 3002 Contemporary Photography. The museum and gallery environment focusing on the acquisition and display of photographic materials and curatorial functions. The course includes a service learning component. Occasional.

PGY 3610C COS-COMM 3(1,4) Photographic journalism: PR: Journalism majors only. Digital photographic and visual storytelling, with emphasis on camera basics, composition skills, digital photo-editing skills, and caption writing skills. See instructor for minimal camera requirements. Occasional.


PGY 3630 COS-COMM 3(3,0) Photographic Journalism III: PR: PGY 3620C. Photography techniques, assignment selection, picture and copy editing, cropping, picture desk management, and ethics of photographic journalism, and the new technological advances. Occasional.

PGY 3651C CAH-SVAD 3(2,4) Narrative Editorial Photography: PR: PGY 2655. Exploring photography in narrative, documentary, and editorial form. Research, story, text, and visual style will be addressed. Fall. M&S fee $70.00

PGY 3653C CAH-SVAD 3(2,4) Advanced Editorial Photography: PR: PGY 3651C. Exploration of images to illustrate articles, including still-life, portrait, documentary, and/or fashion photography. Emphasis on the creation of multiple or consecutive images. Spring. M&S fee $69.00

PGY 3703C CAH-SVAD 3(2,4) Photography & the Web: PR: PGY 3621C or C.I. Advanced issues in digital imaging, emphasis on professional output solutions for the photographer such as web as an interface, large format printing, and film recorder. Occasional. M&S fee $45.00

PGY 3751C CAH-SVAD 3(2,4) Digital Photography: PR: PGY 3621C or C.I. Creation of visual narratives using the digital environment. Occasional.

PGY 3821C CAH-SVAD 3(2,4) Advanced Digital Photography: PR: PGY 2401C or C.I. Current digital imaging software and its application to contemporary work. Occasional. M&S fee $69.00

PGY 4003 CAH-SVAD 3(3,0) Image, Culture, and Society: PR: PGY 3002 or C.I. The role of the media and media imagery in culture and society. Occasional.

PGY 4228C CAH-SVAD 3(2,4) Advanced Illustrative Photography: PR: PGY 3025C or C.I. Various avenues of photographic illustration, including lighting, historical and contemporary issues, style, presentation, and social concerns. Occasional. M&S fee $70.00

PGY 4235C CAH-SVAD 3(2,4) Professional Photographic Workshop: PR: PGY 3205C, Creative, logistical, and technical processes as related to a variety of special lighting problems in the professional studio and on location. Occasional. M&S fee $70.00

PGY 4420C CAH-SVAD 3(2,3) Advanced Photography: PR: ART 2201C, ART 2300C, ART 2301C, ART 2301B, PGY 3410C, and a satisfactory portfolio review or C.I. Advanced photographic skills and portfolio development. Designed for art majors. May be repeated for credit. Fall, Spring. M&S fee $49.00

PGY 4440C CAH-SVAD 3(2,3) Special Problems in Photography: PR: ART 2201C, ART 2300C, ART 2301C, ART 2301B, PGY 3410C, and a satisfactory portfolio review or C.I. Designed for upper division art majors with photography concentration. A series of directed photographic projects of a research nature. Occasional. M&S fee $20.00

PGY 4471 CAH-SVAD 3(3,0) Photography Thesis: PR: PGY 3276. Senior thesis culminating in a public exhibition or portfolio presentation. Occasional. M&S fee $68.00

PGY 4493C CAH-SVAD 3(2,4) Photography, and Art: PR: PGY 3472C, or PGY 3002, or C.I. Creation of photographs related to the expression of personal, political, aesthetic, and theoretical issues and ideas found in historical and contemporary imagery. Occasional. M&S fee $68.00

PGY 5108C CAH-SVAD 3(2,4) Advanced Techniques and Concepts in Photography: PR: PGY 2401C, PGY 3410C and PGY 4420C, or admission into MFA graduate program. Advanced techniques and concepts in photography, introducing historic and contemporary photographic works. May be used in the degree program a maximum of 3 times. Occasional. M&S fee $45.00
PHH 3041 CAH-PHL 3(3,0)
Russian Philosophy: PR: ENC 1102. A study of major themes and developments in Russian philosophy from the 18th century to the present, including critiques of culture, religion, society, and politics. Occasional.

PHH 3100 CAH-PHL 3(3,0)
Ancient Philosophy: PR: PHI 2010 or C.I. Foundations of Western philosophy in ancient Greek thinking about human beings and nature, including the pre-Socratics, Socrates, Plato, and Aristotle. Occasional.

PHH 3200 CAH-PHL 3(3,0)
Medieval Philosophy: PR: PHI 2010 or C.I. The influence of Greek philosophical thought in medieval Muslim, Jewish, and Christian philosophy, as expressed in its main problems and representative thinkers. Occasional.

PHH 3460 CAH-PHL 3(3,0)
Modern Western Philosophy: PR: PHI 2010. Major western philosophers and philosophical movements from Descartes to Nietzsche. Even Fall.

PHH 3510 CAH-PHL 3(3,0)
Marx and Nietzsche: PR: Junior standing. The philosophies of Marx and Nietzsche, important differences in outlook and emphasis, the significance of their respective critiques of society, the implications of their contrasting standpoints for understanding human life, the philosophical and ideological influences of their work, and their contemporary relevance. Occasional.

PHH 3600 CAH-PHL 3(3,0)
Contemporary Philosophy: PR: PHI 2010 or C.I. Recent and current trends in philosophy, including philosophical analysis, phenomenology, structuralism, post-structuralism, and liberation philosophies. Occasional.

PHH 3700 CAH-PHL 3(3,0)
American Philosophy: PR: PHI 2010 or AMH 2010 or AMH 2020 or C.I. A thematic and chronological survey of philosophical, religious, and scientific developments in American thought, with primary focus on the American spirit of individualism and reform. Even Spring.

PHH 3701 CAH-PHL 3(3,0)
Native American Philosophy: PR: PHI 2010 or C.I. Academic Native American philosophy in epistemology, political philosophy, and environmental studies. Even Fall.

PHI 2010 CAH-PHL 3(3,0)
Introduction to Philosophy: Inquiry into the meaning and justification of fundamental ideas and beliefs concerning reality, knowledge, and values; application to relevant topics in ethics, religion, and politics. Fall, Spring.

PHI 2010H CAH-PHL 3(3,0)
Honors Introduction to Philosophy: PR: Permission of Honors. Same as PHI 2010 with honors-level content. Fall.

PHI 2011 CAH-PHL 3(3,0)

PHI 2101 CAH-PHL 3(3,0)
Formal Logic I: A study of sentence and predicate logic, with introduction to modal, epistemic, deontic, multi-valued, and indeterminate logics. Occasional.

PHI 2108 CAH-PHL 3(3,0)
Critical Thinking: The logic of conversation, informal fallacies, and reasoning about human action. Occasional.

PHI 2630 CAH-PHL 3(3,0)
Ethics: An examination of the nature of moral problems, judgements and principles, with an emphasis on recent formulations in ethical theory. Occasional.

PHI 2647 CAH-PHL 3(3,0)
Logic and Ethics: PR: PHI 2101 or COT 3000 or MAD 2104. Research in logic applied to ethics, especially for science and technology. Uses of simulation and modeling to study philosophical problems in ethics. Occasional.

PHI 3033 CAH-PHL 3(3,0)
Philosophy, Religion, and the Environment: PR: Junior standing or C.I. A multicultural treatment of the influence of philosophical and religious views on our understanding of, and relation to, the environment. Occasional.

PHI 3083 CAH-PHL 3(3,0)
Research Methods in Philosophy: PR: Philosophy or Humanities major or C.I. Sources, methods, and standards of research in Philosophy. Aimed at enhancing the research, reading, and writing skills of undergraduate philosophy students. Odd Fall.

PHI 3131 CAH-PHL 3(3,0)
Formal Logic II: PR: PHI 2101. Systematic study of propositional and first-order predicate logic; logical systems and axiomatic methods; problems of metatheory, including consistency, completeness, and decidability. Occasional.

PHI 3320 CAH-PHL 3(3,0)
Philosophy of Mind: PR: PHI 2010, PSY 5210, or C.I. Recent and contemporary attempts to understand the relation of mind to body, the relation of consciousness to personhood, and the relation of psychology to neurobiology. Occasional.

PHI 3323 CAH-PHL 3(3,0)

PHI 3451 CAH-PHL 3(3,0)
Philosophy of Psychology: PR: Junior standing or C.I. Philosophical assumptions and foundations of major psychological movements plus other philosophically interesting issues. Occasional.

PHI 3601 CAH-PHL 1(1,0)
Practical Wisdom: PR: Junior standing or PHI 2010 or C.I. The role of practical wisdom in the human good, dealing with the relationship between means and ends and how they define one another. Occasional.

PHI 3625 CAH-PHL 3(3,0)
Virtual Ethics: PR: COP 3502C or DIG 2000 or C.I. Ethics of virtual worlds as contrasted to the physical world, the use of simulation, virtual environments, and modeling in philosophy, especially in ethics. Occasional.

PHI 3626 CAH-PHL 3(3,0)
Advanced Ethics in Science and Technology: PR: COP 3502C or DIG 2000 or PHI 2647. Critical thinking applied to ethics in science and technology. Fall, Spring.

PHI 3629 CAH-PHL 3(3,0)

PHI 3638 CAH-PHL 3(3,0)

PHI 3640 CAH-PHL 3(3,0)
Environmental Ethics: PR: Junior standing. Major contemporary views in environmental ethics, including individual and holistic approaches, deep ecology, ecofeminism, and social ecology. Occasional.

PHI 3670 CAH-PHL 3(3,0)
Ethical Theory: PR: Junior standing and C.I. Major classical and contemporary topics in ethics, including value theory, utilitarian, deontological, virtue-based and feminist approaches to ethics, rights, and justice; some examination of metaethical issues. Even Spring.

PHI 3672 CAH-PHL 3(3,0)
Animal Ethics: PR: PHI 2010 or C.I. Key issues and debates in the area of animal ethics, including both theoretical and applied dimensions. Occasional.

PHI 3684 CAH-PHL 3(3,0)
Ways of Living: PR: HUM 2210 or HUM 2230 or C.I. Philosophies of life and the notion of “the good life.” Occasional.

PHI 3700 CAH-PHL 3(3,0)
Philosophy of Religion: PR: REL 2300 or PHI 2010. An examination of basic ideas, beliefs, attitudes, and functions of religion, with emphasis upon questions of conceptual meaning and cognitive justification. Odd Spring.

PHI 3720 CAH-PHL 3(3,0)

PHI 3750 CAH-PHL 3(3,0)

PHI 3790 CAH-PHL 3(3,0)
African Philosophy: PR: Junior standing or C.I. Traditional and contemporary African philosophical thought with primary emphasis on post-colonial philosophy in sub-Saharan Africa. Occasional.

PHI 3800 CAH-PHL 3(3,0)

PHI 3803 CAH-PHL 3(3,0)
Philosophy and Creativity: PR: Junior standing or PHI 2010 or C.I. A companion course to PHI 3800, aesthetics. Examines the empirical and metaphysical claims made for creativity; attempts to account for intuition, genius, and intelligence. Occasional.

PHI 3805 CAH-PHL 3(3,0)

PHI 4221 CAH-PHL 3(3,0)
Philosophy of Language: PR: PHI 2010 or C.I. Nature of language and the relationships between language, reality, cognition, and culture. Spring.

PHI 4300 CAH-PHL 3(3,0)
Theories of Knowledge: PR: Philosophy major or C.I. Classical and contemporary theories of knowledge. A critical examination of various forms of, and reasons for, skepticism, criteria for truth and justification for belief. Occasional.

PHI 4321 CAH-PHL 3(3,0)
Philosophies of Embodiment: Mind/Body/Self: PR: Junior standing and either PHI 2010, PHI 2108, or C.I. Different ways of understanding relations between mind, body, and nature. Self-understanding as articulated by western and non-western philosophies from ancient to contemporary times. Occasional.

PHI 4341 CAH-PHL 3(3,0)
Ways of Knowing: PR: PHI 2010 or C.I. Philosophical study of approaches to knowledge, with emphasis on contributions of the knower to how things are known. Fall.

PHI 4400 CAH-PHL 3(3,0)
Philosophy of Science: PR: Junior standing or PHI 2010 or C.I. An examination of the conceptual foundations and methodology of modern science. Occasional.

PHI 4420 CAH-PHL 3(3,0)
Philosophy of Social Science: PR: Junior standing or PHI 2010 or C.I. An examination of the objectives, methods and guiding norms of the social sciences and their role in the development of human knowledge. Occasional.

PHI 4500 CAH-PHL 3(3,0)
Metaphysics: PR: Philosophy major or C.I. Topics include appearance and reality, actions and events, necessity and possibility, identity, nature of persons, mind-body dualism, causality, and free will and determinism. Occasional.
PHI 4633 CAH-PHIL 3(3,0) Ethics and Biological Science: PR: Completion of the Variable core. An exploration of contemporary thinking to ethical issues arising from the biological sciences, including human and animal experimentation, genetic engineering, biodiversity. Occasional.

PHI 4633H CAH-PHIL 3(3,0) Honors Ethics and Biological Science: PR: BSC 1010, an introduction to Philosophy, and consent of Honors. Contemporary thinking on ethical issues arising from the biological sciences, including human and animal experiments, genetic engineering, and biodiversity. Occasional.

PHI 4673 CAH-PHIL 3(3,0) Medical Ethics: PR: Senior standing or C.I. Ethics of clinical medicine and medical research. Spring.

PHI 4690 CAH-PHIL 3(3,0) Ethics in Nanoscience and Nanotechnology: PR: Completion of GEP or Junior standing. Ethical implications of rapid developments in nanoscience and nanotechnology. Odd Fall.

PHI 4804 CAH-PHIL 3(3,0) Critical Theory: PR: C.I. Critical theory and cultural studies emphasizing current trends as they apply to arts in diverse media. Even Fall.

PHI 4931 CAH-PHIL 3(3,0) Philosophy in the News: PR: PHI 2010. Changing course content. A spectrum of being covered by the media will be selected for philosophical examination. Course is web enhanced. Occasional.

PHI 4935 CAH-PHIL 3(3,0) Topics in Philosophy of Mind: PR: PHI 3320, PHI 3451 or PHI 3323 or C.I. Recent debate in philosophy of mind. Various topics: Examples: mental representation, consciousness, concepts, free will. May be repeated for credit. Occasional.

PHI 4938 CAH-PHIL 3(3,0) Senior Research Seminar: PR: Senior standing and Philosophy major, or C.I. Capstone course on research, developing effective oral and written communication skills. Spring.

PHI 5225 CAH-PHIL 3(3,0) Philosophy of Language: PR: Admission to graduate certificate in Cognitive Sciences or C.I. Philosophy of the nature of language and relationships between language, reality, cognition and culture. Occasional.

PHI 5325 CAH-PHIL 3(3,0) Topics in Philosophy of Mind: PR: Admission into graduate certificate program in Cognitive Sciences or C.I. Contemporary issues in philosophy of mind, including explanatory gap, and the problem of other minds. Occasional.

PHI 5327 CAH-PHIL 3(3,0) Topics in the Cognitive Sciences: PR: Admission to graduate certificate program in Cognitive Sciences or C.I. Theoretical issues and empirical studies in the cognitive sciences, including contemporary discussions of mind, brain, artificial intelligence, pathologies, behavioral capacities. Fall.

PHI 5328 CAH-PHIL 3(3,0) Philosophies of Embodiment: PR: Admission to graduate certificate in Cognitive Sciences or C.I. Relations among mind, body, and nature. Knowledge of self, world and others as articulated by Western philosophy, with special emphasis on embodied cognition. Occasional.

PHI 5329 CAH-PHIL 3(3,0) Philosophy of Neuroscience: PR: Admission to graduate certificate program in Cognitive Sciences or C.I. Neurophilosophy, including discussion of promises and limitations of neuroscience for understanding of the mind. Occasional.

PHI 5340 CAH-PHIL 3(3,0) Research Methods in the Cognitive Sciences: PR: Admission to graduate certificate program in Cognitive Sciences or C.I. Interdisciplinary research methods in the cognitive sciences. Spring.
PHT 4222L HPA-HP  1(0,2)

PHT 4230 HPA-HP  2(2,0)
Therapeutic Exercise II: PR: PHT 4222; PHT 4222L. CR: PHT 4230L. Exploration of the various therapeutic exercise modalities, and their application to the rehabilitation process. Occasional.

PHT 4230L HPA-HP  1(0,2)

PHT 5003 HPA-HP  2(2,0)

PHT 5005 HPA-HP  2(2,0)

PHT 5125 HPA-HP  2(2,0)
Clinical Kinesiology: CR: PHT 5125L. Investigates the mechanical aspects of human movement, joint mechanics of the upper and lower extremity, the vertebral column and tissue mechanics of relevant human tissues. Occasional.

PHT 5125L HPA-HP  2(0,4)
Clinical Kinesiology Lab: CR: PHT 5125. Graduate level study of human musculoskeletal movement with an emphasis on joint mechanics and clinical applications. Occasional. M&S fee $35.00

PHT 5218 HPA-HP  2(2,0)
Theories and Procedures I: CR: Theories and Procedures I Lab. Theories of physical agents: heat, light, cold, water, sound, and massage; problem solving rationale and selection of interventions for inflammation, pain, edema, and weakness. Spring.

PHT 5218L HPA-HP  1(0,2)
Theories and Procedures I Lab: CR: Theories and Procedures I Lab course on the clinical applications of heat, light, cold, water, sound, and massage; problem solving rationale and selection of interventions for inflammation, pain, edema, and weakness. Fall.

PHT 5240 HPA-HP  1(1,0)

PHT 5240L HPA-HP  2(0,4)
Physical Assessment Lab: CR: Physical Assessment Lab course emphasizing the examinations required to perform an evaluation of physical therapy patient. Fall. M&S fee $45.00

PHT 5241 HPA-HP  2(2,0)

PHT 5241L HPA-HP  2(0,4)
Therapeutic Exercise I Lab: PR: Therapeutic Exercise I. Lab course emphasizing therapeutic exercise skills for the treatment of patients with musculoskeletal dysfunction. Spring. M&S fee $15.00

PHT 5260 HPA-HP  2(2,0)
Patient Care Skills: CR: Patient Care Skills Lab. Affective, cognitive, and psychomotor skills, regarding patient care. Basic skills of patient care, transfers, mobility skills, dressing, gait training. Fall.

PHT 5260L HPA-HP  1(0,2)
Patient Care Skills Lab: CR: Patient Care Skills Lab. Skills of patient care, transfers, mobility skills. Fall. M&S fee $30.00

PHT 5718 HPA-HP  2(2,0)

PHT 5718L HPA-HP  1(0,2)
Neurological Physical Therapy Lab: CR: Neurological Physical Therapy. Lab course emphasizing the clinical application of selected neuromotor theories. Occasional. M&S fee $30.00

PHY 2048C COS-PHYS  4(3,3)
Physics for Engineers & Scientists I: PR: MAC 2311C (or equivalent) with grade "C" (2.0) or better. Mechanics, Thermodynamics, fluids. Fall, Spring. M&S fee $15.00

PHY 2048C COS-PHYS  4(3,3)
Honors Physics for Engineers and Scientists I: PR: MAC 2311C (or equivalent) with grade "C" (2.0) or better, and permission of Honors. Same as PHY 2048C with honors-level content. Fall, Spring.

PHY 2048C COS-PHYS  4(3,3)
Physics for Engineers and Scientists II: PR: MAC 2312 and PHY 2048C with grades "C" (2.0) or better. Electricity, magnetism, optics. Fall, Spring, M&S fee $15.00

PHY 2049C COS-PHYS  4(3,3)
Honors Physics for Engineers and Scientists II: PR: MAC 2312 and PHY 2048C with grades "C" (2.0) or better, and permission of Honors. Same as PHY 2049C with honors-level content. Fall, Spring.

PHY 2053C COS-PHYS  4(3,3)

PHY 2053C COS-PHYS  4(3,3)
College Physics I: PR: MAC 1105C and MAC 1114C or equivalent or C.I. Mechanics, waves, thermodynamics. Fall, Spring. M&S fee $14.00

PHY 2054C COS-PHYS  4(3,3)
College Physics II: PR: PHY 2053C. Fluids, electricity and magnetism, optics, x-rays, radioactivity. Fall, Spring. M&S fee $15.00

PHY 2054C COS-PHYS  4(3,3)

PHY 3101 COS-PHYS  3(3,0)
Physics for Engineers and Scientists III: PR: MAC 2131 and PHY 2040C. Thermodynamics, oscillations, modern physics. Fall, Spring.

PHY 3101H COS-PHYS  3(3,0)
Honors Physics for Engineers and Scientists III: PR: PHY 2049C, MAC 2133, and consent of Honors. Same as PHY 3101 with honors-level content. Fall.

PHY 3220 COS-PHYS  3(3,0)

PHY 3323 COS-PHYS  3(3,0)

PHY 3513 COS-PHYS  3(3,0)
Thermal and Statistical Physics: PR: PHY 3101 or PHY 3101H or C.I. Thermodynamics, kinetic theory, elements of statistical mechanics. Fall.

PHY 3722C COS-PHYS  3(1,5)

PHY 3752C COS-PHYS  3(1,5)

PHY 3802L COS-PHYS  3(1,5)
Intermediate Physics Laboratory: PR: PHY 3101 or C.I. Laboratory work in basic measurements of physical constants; experiments in electronics, modern physics, nuclear physics, optics, and solid state physics. May be repeated for credit. Fall.

PHY 3920 COS-PHYS  1(1,0)
Frontiers in Physics Research: Colloquia and Public Talks: PR: PHY 3101 or C.I. Presentations of current research and major advances in physics. Graded S/U. May be used in the degree program a maximum of 3 times. Fall, Spring.

PHY 3945 COS-PHYS  1(2,0)

PHY 4254 COS-PHYS  3(3,0)
Physics of Fluids and Biofluids: PR: PHY 3101, PHY 3323, and MAP 2302, or C.I. Ideal fluids: basic equation of fluid flow; viscous flow, instability and turbulence; thermal and mass transfers in fluids; biofluid mechanics of blood circulation. Even Spring.

PHY 4324 COS-PHYS  3(3,0)

PHY 4424 COS-PHYS  3(3,0)

PHY 4445 COS-PHYS  3(3,0)

PHY 4604 COS-PHYS  3(3,0)

PHY 4605 COS-PHYS  3(3,0)

PHY 4803L COS-PHYS  1(1,5)

PHY 5015C COS-PHYS  3(2,2)
Physics for Teachers II: PR: Graduate status or senior standing, or C.I. “Hands-on” lecture-laboratory course. Dynamics, electricity, magnetism, optics, nuclear radiation. Occasional.

PHY 5140C COS-PHYS  3(3,2)
Ion-Solid Interactions: PR: PHY 4604 or PHY 4324, graduate status or senior standing, or C.I. Physical principals and related scientific and technological applications of ion-solid interactions. Occasional.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 4263</td>
<td>Evidence</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. An examination of statutes and cases that define rules of evidence for trial courts. Primary emphasis is on the Florida Evidence Code. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4424</td>
<td>The Law of Contracts</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing, or C.I. Study of the basic law of contracts as developed in Anglo-American law and as changed by modern statutes, including the Uniform Commercial Code. Florida contract law will be emphasized. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4436</td>
<td>Florida Partnerships and Corporations</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing, or C.I. Statutory requirements of Florida partnerships and corporations; creation and dissolution of business organizations, responsibilities of officers and basic rights of stockholders. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4464</td>
<td>Bankruptcy Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing, or C.I. This course will acquaint the student with the substantive law and procedures associated with the rights and obligations of debtors and creditors. Occasional.</td>
</tr>
<tr>
<td>PLA 4472</td>
<td>Employment Discrimination Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing, or C.I. Course will address employment discrimination based on race, gender, religion, national origin, age, disability and sexual orientation. Issues such as workplace harassment will be analyzed. Occasional.</td>
</tr>
<tr>
<td>PLA 4485</td>
<td>Administrative Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing, or C.I. The law regarding governmental agencies with emphasis on the administrative process. Administrative Procedures Acts and special problems of state administrative law. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4521</td>
<td>World Hunger Morality &amp; the Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing and C.I. Examine world hunger as a complex issue of sustainable human development, root causes and consequences of domestic and global hunger, and effect on legal systems. Spring.</td>
</tr>
<tr>
<td>PLA 4530</td>
<td>Legal Issues of the Elderly</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Legal concerns faced by older Americans as they plan their later years and seek to maximize their personal autonomy. Occasional.</td>
</tr>
<tr>
<td>PLA 4554</td>
<td>Environmental Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Environmental law and policy related to the protection of natural resources, including an examination of toxic pollutants, endangered species, and climate change. Odd Fall, Odd Spring.</td>
</tr>
<tr>
<td>PLA 4583</td>
<td>Cyber Law I</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Analysis of copyright, trademark, and patent issues in cyberspace. Occasional.</td>
</tr>
<tr>
<td>PLA 4607</td>
<td>Estates and Trusts</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. A study of wills and trusts, and applicable legal principles of administration of estates through the processes of the Probate Court. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4609</td>
<td>Estate Administration</td>
<td>3(3,0)</td>
<td>PR: (PLA 4607 and Junior standing) or C.I. Study of the laws and procedures applicable to administration of estates. Occasional.</td>
</tr>
<tr>
<td>PLA 4703</td>
<td>Professional Ethics and Liability</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Sophomore Standing, or C.I. Ethical responsibilities of professionals, canons of legal ethics, liability for professional malpractice. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4734</td>
<td>Advanced Legal Applications Computer Software</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior Standing, or C.I. Course will acquaint students with contemporary computer software applications used to satisfy the demands of today's law firms and law-related fields. Occasional.</td>
</tr>
<tr>
<td>PLA 4764</td>
<td>Law Office Practice</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Organization, operation and management of law office. Interviewing techniques and practical application of work that is done in a law office. Occasional.</td>
</tr>
<tr>
<td>PLA 4806</td>
<td>Digital Relational Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. An in-depth study of family law focusing on divorce, custody, child support, alimony, adoption and other related matters with an emphasis on Florida law. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4813</td>
<td>Juvenile Law and Procedure</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Examines both the substantive and procedural law for juvenile delinquency and dependency. Emphasis on Florida law and comparison with other jurisdictions. Occasional.</td>
</tr>
<tr>
<td>PLA 4823</td>
<td>Sports Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Introduction to the legal issues and regulation of sports, focusing on torts, contracts, agency and constitutional law as applied to athletes. Occasional.</td>
</tr>
<tr>
<td>PLA 4824</td>
<td>Legal Issues for Athletic Trainers</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. An examination of legal issues affecting athletic trainers. Occasional.</td>
</tr>
<tr>
<td>PLA 4825</td>
<td>Entertainment Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Introduction to the control and regulation of entertainment industry and the associated legal issues. Occasional.</td>
</tr>
<tr>
<td>PLA 4830</td>
<td>World Legal Systems</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. An examination of various legal traditions and systems of the World. Substantive and procedural laws will be examined. Occasional.</td>
</tr>
<tr>
<td>PLA 4864</td>
<td>Admiralty and Maritime Law</td>
<td>3(3,0)</td>
<td>PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Admiralty jurisdiction and procedure including contracts for carriage of goods, seaman's contracts and pollution and salvage law, and wrongful death. Occasional.</td>
</tr>
<tr>
<td>PLA 4910</td>
<td>Trial Advocacy</td>
<td>3(3,0)</td>
<td>PR: PLA 4263 or C.I. Analysis of the entire litigation process from the initial client interview through the appellate stage, and development of oral advocacy skills. Fall, Spring.</td>
</tr>
<tr>
<td>PLA 4935</td>
<td>Legal Ethics</td>
<td>3(3,0)</td>
<td>PR: senior status, PLA 3155, Legal Studies major. The legal and socio-legal analysis of issues that require students to synthesize their legal studies education. Course will assist students entering employment or graduate education. Fall, Spring.</td>
</tr>
<tr>
<td>POR 1120C</td>
<td>Elementary Portuguese Language and Civilization</td>
<td>4(3,1)</td>
<td>PR: POR 1120C or C.I. Continuation of POR 1120C. The course emphasizes the four major language skills: reading, writing, listening, and speaking. Spring.</td>
</tr>
<tr>
<td>POS 2020H</td>
<td>Intermediate Portuguese I</td>
<td>3(3,0)</td>
<td>PR: POR 1120C or C.I. Development of Portuguese language skills. For intermediate skill level. Fall, Spring.</td>
</tr>
<tr>
<td>POS 2021H</td>
<td>Intermediate Portuguese II</td>
<td>3(3,0)</td>
<td>PR: POR 2020 or C.I. Continuation of POR 2200 with emphasis on Portuguese cultures. Fall, Spring.</td>
</tr>
<tr>
<td>POS 3140</td>
<td>Accelerated Portuguese for Speakers of Romance Languages</td>
<td>3(3,0)</td>
<td>PR: Pre 2201, or ITA 2201, or SPN 2201, or course equivalent. Accelerated Portuguese for proficient speakers of Romance Languages. It is expected that students have no prior knowledge of Portuguese. Occasional.</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
<td>3(3,0)</td>
<td>PR: Permission of Honors. Same as POS 2041 with honors-level content Occasional.</td>
</tr>
<tr>
<td>POS 3076</td>
<td>American Indian Politics</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I. Politics and policies specific to indigenous peoples of the United States. Occasional.</td>
</tr>
<tr>
<td>POS 3122</td>
<td>State Government and Public Policy</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I. A comparative study of American state governments, political processes, and public policies, with emphasis on Florida. Occasional.</td>
</tr>
<tr>
<td>POS 3122H</td>
<td>Honors State Government and Public Policy</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I. and permission of Honors. A comparative study of American state governments, political processes, and public policies, with emphasis on Florida. With Honors content. Occasional.</td>
</tr>
<tr>
<td>POS 3173</td>
<td>Southern Politics</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I. Study of states and the political past and present. Emphasis on factors affecting changes in the region and the states. Southern and national relationship examined. Occasional.</td>
</tr>
<tr>
<td>POS 3182</td>
<td>Florida Politics</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I. Examines the foundations of Florida government and political behavior, political institutions, and public policy. Occasional.</td>
</tr>
<tr>
<td>POS 3182H</td>
<td>Honors Florida Politics</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I., and consent of Honors. Foundations of Florida government and political behavior, political institutions, and public policy. With Honors content. Occasional.</td>
</tr>
<tr>
<td>POS 3233</td>
<td>Public Opinion</td>
<td>3(3,0)</td>
<td>PR: Junior standing or C.I. Nature, impact and development of public opinion, emphasizing the influence of race, gender, age, and class on opinions, voting, and political behavior. Fall.</td>
</tr>
<tr>
<td>POS 3234</td>
<td>Protest in American Politics</td>
<td>3(3,0)</td>
<td>PR: POS 2041 or C.I. Connections between politics and protest in American politics including its impact on policy, and the implications of the generalization of protest for democracy. Occasional.</td>
</tr>
<tr>
<td>POS 3235</td>
<td>Mass Media and Politics</td>
<td>3(3,0)</td>
<td>PR: ENC 1102 or POS 2041 or C.I. Influence of media on campaigns, public officials, public opinion, the definition of political news, and selected public policies. Occasional.</td>
</tr>
</tbody>
</table>
UCF Courses and Descriptions

Honors Mass Media and Politics: PR: POS 2041 or C.I. An examination of the influence of media on campaigns, public officials, public opinion, the definition of political news, and selected public policies. With Honors consent. Occasional.

Contemporary Revolution and Political Violence: PR: ENC 1102 or POS 2041 or C.I. Theories of revolutionary change and political violence in the contemporary world. Occasional.

Politics in Film: PR: ENC 1102 or POS 2041 or C.I. The influence of motion pictures on popular understanding of American and international politics. Even Fall.

Civic Engagement: PR: Junior standing and either PAD 3003 or POS 2041 or C.I. Formal and informal civic engagement in the United States across levels of government, sectors of society, and modes of interaction. Even Fall, Even Spring.

Voting and Elections: PR: POS 2041 or C.I. Theoretical and substantive inquiry into U.S. electoral system; includes focus on voter behavior as well as national and state electoral systems. Occasional.

The American Political Process: PR: POS 2041 or C.I. Examination of the Congress as an institution undergoing dynamic change; emphasis upon recruitment of legislators, institutional and informal rules, the committee system, legislative procedures. Fall.

Political Parties and Processes: PR: POS 2041 or C.I. In-depth study of the American political party system in the context of changing American politics; topics include development, organization, reforms, legislative and executive roles. Occasional.

Interest Groups: PR: POS 2041 or C.I. Analyzes the non-electoral behavior of economics, ideological, and citizen groups; political action committees; and the proliferation of interest organizations over the past quarter century. Occasional.


Scope and Methods of Political Science: PR: POS 2041 or C.I. The scope and methodology of political science. Extensive examination of the discipline, research design and methodology. Fall, Spring.

Honors Scope and Methods: PR: POS 2041 and consent of Honors Scope and methodology of political analysis. Discipline-specific research design, research process, methods of investigation and analysis, survey research, sampling, qualitative research, and ethical considerations. Occasional.

Designing Political Science Research: PR: POS 2041 or INR 2002 or C.I. Logic of inquiry, research design, literature review, research ethics; case studies and case selection, other qualitative methods, such as interview techniques and content analysis. Even Spring.


The Politics of Sports: PR: POS 2041 or C.I. Emergent concerns in sports policy, institutional interventions in sports regulations, the politics of sports arenas and teams, and civic and political engagement through sports. Occasional.

Metropolitan Politics: PR: POS 2041 or C.I. Analysis of political patterns, processes, and issues in American metropolitan areas. Intergovernmental relations and structural and political arrangements in the existing and emerging metropolitan areas. Occasional.

Political Behavior: PR: POS 2041 or C.I. Mass political behavior, concentrating on voting and participation, primarily in the United States. Occasional.

Political Socialization: PR: ENC 1102 or POS 2041 or C.I. The psychological analysis of political behavior, with emphasis on the individual rather than the political system; includes political attitudes and communication, leadership, and personality influences on politics. Occasional.

Judicial Process and Politics: PR: ENC 1102 or POS 2041 or C.I. Study of the formal and informal judicial process. Legal culture, bureaucratic model, judicial recruitment and outputs, comparative judicial behavior. Fall, Odd Spring.


American Constitutional Law I: PR: ENC 1102 or POS 2041 or C.I. Development of civil liberties and civil rights in the American federal system. Spring.

American Constitutional Law II: PR: ENC 1102 or POS 2041 or C.I. Development of American federalism and national power, commerce clause, and nationalization of the economy. Fall.

Politics and Civil Rights: PR: ENC 1102 or POS 2041 or C.I. Development of civil liberties and civil rights in the American federal system. Fall.

Politics and Rights: PR: ENC 1102 or POS 2041 or C.I. Examination of civil rights issues in the context of political behavior, political institutions and public policy since 1865. Occasional.

American Political Thought: PR: ENC 1102 or POS 2041 or C.I. From its sources to the 20th century, including liberalism, puritanism, the Federalist, the rise of industrialism, resulting social movements, modern variations. Odd Fall.


Political Theory: PR: ENC 1102. Examination of various normative approaches to the study of political science and assessing contemporary developments in the field. Occasional.


Contemporary Political Theory: PR: ENC 1102. Study of the contemporary debate about the status of rights, utilitarianism, and liberalism, and communitarian Marxism, libertarianism, and feminist critiques of liberalism. Occasional.

Honors Politics and Literature: PR: Junior standing or C.I. An examination of politics and the political process through the medium of literature. Occasional.

Politics and Literature: PR: Junior standing or C.I. The relationship between the state, society, and the individual by discussing the works of major authors from Adam Smith to Robert Axelrod. Odd Fall.

Contemporary Democratic Theory: PR: ENC 1102 or POS 2041 or C.I. Study of democratic theories, emphasizing liberal democracy and its critics, elitist theories, participatory democracy, citizen participation, and relevance of empirical research to democratic theory. Occasional.

Utopia/Dystopia: PR: ENC 1102. Examines political issues, such as justice, economic distribution and social organization by exploring both classic and contemporary utopias and dystopias. Occasional.


Maxist Political Theory: PR: ENC 1102. Survey of Marx & Engels and other thinkers, exposing the theoretical underpinnings of nations and groups who have adapted marxist principles for governance. Occasional.

Religion and Politics: PR: ENC 1102 or POS 2041 or C.I. Institutional and individual relationships of religion and politics including globalization, fundamentalism, secularization, American exceptionalism, political behavior, and the religious origins of current secular concepts. Occasional.


UCF Undergraduate Catalog 2014-2015

UNIVERSITY OF CENTRAL FLORIDA
UCF Courses and Descriptions

PPE 3003H COS-PSYCH 3(3,0) Honors Personality Theory; PR: PSY 2012 and Consent of Burnett Honors College. Theory and research on the development of personality characteristics. With Honors content. Occasional.

PPE 5055 COS-PSYCH 3(3,0) Personality Theories; PR: Graduate status or senior standing or C.I. Critical theoretical models of personality development with applications to counseling, psychotherapy and psychological assessment. Occasional.

PSB 3002 COS-PSYCH 3(3,0) Physiological Psychology; PR: PSY 2012. The physiological basis of behavior, emphasizing the relationship between the nervous system and behavior. Fall, Spring.

PSB 3002H COS-PSYCH 3(3,0) Honors Physiological Psychology; PR: PSY 2012H and consent of Honors. Physiological basis of behavior, emphasizing the relationship between the nervous system and behavior. With Honors content. Occasional.

PSB 3441 COS-PSYCH 3(3,0) Psychobiological Aspects of Drugs: PSB 3002 and C.I. History of drugs and principles of neuropsychophysiology and neuromyology as the foundation of understanding behavior and social consequences of drug use. Spring.

PSB 3842 COS-PSYCH 3(3,0) Sleep and Dreams; PR: PSY 2012. An overview of the psychological and physiological foundations of sleep and dreams. Concrete facts and disturbances of sleep. Cultural perspectives on, and contemporary applications of dreams. Occasional.


PSB 4240C COS-PSYCH 4(3,2) Neuropsychology; PR: PSB 3002. Study of brain function, with particular emphasis on human behavior. Lecture/Lab. Fall, Odd Spring.

PSY 5005 COS-PSYCH 3(3,0) Physiological Psychology; PR: PSY 3002 and graduate status or senior standing of C.I. An advanced survey of the physiological basis of behavior, emphasizing the relationship between the nervous system and behavior. Occasional.

PSC 1121 COS-PHYS 3(3,0) Physical Science I: High school algebra or MAC 1105C. Fundamentals of mechanics, heat, waves, electricity, magnetism, chemical processes and equations, properties of gases, liquids, solids, solutions. Fall, Spring.

PSC 1121L COS-PHYS 1(0,2) Physical Science Lab: CR: PSC 1121. Experiments to apply the scientific method to observation and analysis in mechanics, heat, light, electricity and magnetism, chemical and physical transformations. Fall, Spring. M&S fee $14.00

PSC 1801 COS-PHYS 3(3,0) Physics in Films; PR: High school algebra. Physics using film as a vehicle of education. Not open to students with credit in PSC 1121. Occasional.

PSY 2012 COS-PSYCH 3(3,0) General Psychology; A survey of the basic principles, theories, and methods of contemporary psychology, including the study of human diversity. Fall, Spring.

PSY 2012H COS-PSYCH 3(3,0) Honors General Psychology; PR: Permission of Honors. A survey of the basic principles, theories, and methods of contemporary psychology, including the study of human diversity. Honors-level content. Fall, Spring.

PSY 2023 COS-PSYCH 2(2,0) Psychology Cornerstone: Career Paths; PR: PSY 2012. What it means to be a psychology major, career opportunities upon graduation, and different graduate school paths. Graded S/U; Fall, Spring.

PSY 3022C COS-PSYCH 3(1,8) Academic Counseling; PR: PSY 2012. Psychology majors only. Research findings, theory, models and techniques of academic counseling and career advising. Graded S/U; Fall, Spring.

PSY 3028 COS-PSYCH 3(3,0) Psychology of Career Development; PR: PSY 2012 or CI. Review of career development theories and current psychological literature on career decision-making. Examination of career development in psychology, including educational entry requirements and related issues. Occasional.

PSY 3204C COS-PSYCH 4(3,1) Statistical Methods in Psychology; PR: PSY 2012, and either STA 2014C or STA 2023, or C.I. Standard scores, confidence intervals, sampling distributions, hypothesis testing, correlation and regression as applied to research in psychology. Occasional.

PSY 3204C COS-PSYCH 4(3,1) Honors Statistical Methods in Psychology; PR: Consent of Honors, PSY 2012, and either STA 2014C or STA 2023, or C.I. Standard scores, confidence intervals, sampling distributions, hypothesis testing, correlation and regression as applied to research in psychology. With Honors content. Occasional.

PSY 3213C COS-PSYCH 5(3,2) Research Methods in Psychology; PR: PSY 2012, PSY 3204C, and either STA 2014C or STA 2023. Investigation of experimental designs and research methods utilized in psychology. Laboratory outcomes will be statistically analyzed and reported in APA format. Fall, Spring. M&S fee $20.00

PSY 3213C COS-PSYCH 5(3,2) Honors Research Methods in Psychology; PR: PSY 2012, PSY 3204C and STA 2014C or STA 2023 and consent of Honors. Investigation of experimental designs and research methods utilized in psychology. Laboratory outcomes will be statistically analyzed and reported in APA format. With Honors content. Occasional.

PSY 3302 COS-PSYCH 3(3,0) Psychological Measurement; PR: PSY 2012 and STA 2014C or STA 2023. A study of the theory underlying psychological tests and measurements procedures, including reliability, validity, and item analysis. Occasional.


PSY 3625 COS-PSYCH 3(3,0) Science and Pseudoscience in Psychology; PR: PSY 2012 or C.I. Critically evaluates fringe-science, paranormal, and otherwise unusual beliefs about human behavior. Scientific methodology is used to evaluate bizarre claims such as ESP, astrology, voodoo, mind control, and alien abduction. Occasional.


PSY 3951 COS-PSYCH 1-3(3-30) Undergraduate Field Work; PR: Senior standing and C.I. Placement in a community agency for supervised experience in applications of psychology to community problems. Graded S/U. May be repeated for credit. Fall, Spring.

PSY 4025 COS-PSYCH 3(3,0) The Psychology of Art; PR: or CR: ARH 2050 or ARH 2051, or any ART prex course. Discussion of the psychological perspectives on art to gain a greater understanding and enhanced appreciation for the process and products of creativity. Occasional.

PSY 4049 COS-PHYS 1(1,0) Psychology Capstone; PR: PSY 2012 and Senior Status. Refresh and apply knowledge in core areas of psychology to cutting-edge research in applied disciplines. Graded S/U; Fall, Spring.


PSY 4215C COS-PSYCH 4(3,2) Advanced Research Methods in Psychology; PR: PSY 3213C. Design, analysis, and interpretation of complex research projects in psychology. Fall, Spring. M&S fee $20.00

PSY 4604 COS-PSYCH 3(3,0) History and Systems of Psychology; PR: PSY 2012 and Junior standing. Historical development of psychology, with emphasis on classical theoretical positions. Occasional.

PSY 4604H COS-PSYCH 3(3,0) Honors History and Systems of Psychology; PR: PSY 2012 and Junior standing and consent of Honors. Historical development of psychology, with emphasis on classical theoretical positions. With Honors content. Occasional.

PSY 4942 COS-PSYCH 3(3,0) Instructional Experiences in Undergraduate Psychology; PR: PSY 2012 and CI Prepares undergraduate students to more effectively learn psychological concepts by facilitating learning in variety of university psychology classrooms and labs. Graded S/U. Occasional.

PUP 3014 COS-POLS 3(3,0) Comparative Public Policy; PR: POS 2041 or CPO 3103 or C.I. Areas of public policy such as immigration, education, trade, taxation, and fiscal policy in selected countries. Occasional.

PUP 3203 COS-POLS 3(3,0) Environmental Politics; PR: ENC 1102 or POS 2041 or C.I. An examination of politics and policy-making concerning issues of conservation, pollution and development of land, air, and water resources. Odd Fall.

PUP 3204 COS-POLS 3(3,0) Sustainability; PR: ENC 1102 or Junior standing. Environmental politics through the lens of "sustainability." Attention devoted to the relationships of culture, economics, and ecology. Odd Fall.

PUP 3314 COS-POLS 3(3,0) Minorities in American Politics; PR: ENC 1102 or POS 2041 or C.I. Historical and contemporary role of minority groups in the American political process, including an examination of their electoral significance and relevant legislative, executive, and judicial policies. Occasional.

PUP 3325 COS-POLS 3(3,0) Women and Political Behavior; PR: POS 2041 or ENC 1102 or C.I. Women's role in the political process, emphasizing women in the governmental and policy process. Occasional.

PUP 4003 COS-POLS 3(3,0) American Public Policy; PR: POS 2041 or C.I. Policy formation, implementation and evaluation, with a focus upon contemporary American problems, including the malapportionment of societal power and social conflict. Occasional.

PUP 4209 COS-POLS 3(3,0) Urban Environmental Policy; PR: ENC 1102 or POS 2041 or C.I. Public policy analysis, and the urban political landscape explored by tracing their development and prospects for sustainable cities. Occasional.
REL 3111 CAH-PHIL 3(3,0) Religion and Philosophy Through Film: PR: ENC 1102 and either PHI 2010 or REL 2300 or FL 100. Religious and philosophical themes encountered in contemporary film. It unites religion, philosophy and film by means of a critique of cultural productions of meaning, value and purpose. Odd Fall.

REL 3112 CAH-PHIL 3(3,0) Religion and 20th Century Fantasy Texts: PR: HUM 2220 or REL 2300 or C.I. Explores of religious and secular in the texts of Harry Potter, Lord of the Rings, Chronicles of Narnia, and His Dark Materials. Occasional.

REL 3115 CAH-PHIL 3(3,0) Religion, Spirituality, and Popular Music: PR: HUM 2220 or REL 2300. Contemporary spiritual sensibilities encountered at the intersection of religion, philosophy, and popular music. Odd Fall.


REL 3336 CAH-PHIL 3(3,0) Christian Thought: PR: HUM 2230 or REL 2300 or C.I. Teachings of Jesus and Muhammad. Odd Fall.

REL 3363 CAH-PHIL 3(3,0) Islam: PR: REL 2300 or C.I. Development of Islamic religious thought and culture, emphasizing the teachings of the Qur’an, Hadith, Islamic law, and philosophy with special focus on perceptions of Islam in the West. Fall.

REL 3403 CAH-PHIL 3(3,0) Hinduism: PR: HUM 2220, REL 2300, or C.I. A study of the development of Hindu thought and culture from Vedic times to the Upanshads, Epic literature to the modern age.

REL 3420 CAH-PHIL 3(3,0) Medieval Mysticism: PR: HUM 3410, HUM 3430, REL 3403, REL 3320, PHH 3100, or PHH 3200. Ancient, medieval, and early modern European mysticism, and its influences on religious, philosophical, artistic, and scientific thought in the West. Even Fall, Odd Spring.

REL 4110 CAH-PHIL 3(3,0) Religion and the Arts: PR: At least one of the following: HUM 2210, HUM 2220, ARH 2050, ARH 2051, or REL 2300. Art, music, dance, and ritual practices in religious traditions with an emphasis on contemporary society. Occasional.

REL 4157 CAH-PHIL 3(3,0) Religion and Psychoanalysis: PR: REL 2300 and REL 2000. Interactions between psychoanalysis and religion, including multiple perspectives of psychoanalytic theories on different religious traditions and phenomena. Even Spring.

REL 4178 CAH-PHIL 3(3,0) Religion and Law: PR: POS 2041. Ideas and events which mark the relationship of religious ideology and practice, law and politics and cultural values which inform them. Fall.

REL 4180 CAH-PHIL 3(3,0) Religion and Medicine: PR: Junior standing and REL 2300 or C.I. A comparative study of the approaches toward medicine and healing in different religious traditions, both in the US and abroad. Occasional.

REL 4180H CAH-PHIL 3(3,0) Honors Religion and Medicine: PR: ENC 1102H, Junior standing and Consent of Honors. A comparative study of the approaches toward medicine and healing in different religious traditions in the U.S. and in the wider world. With Honors content. Occasional.

REL 4496 CAH-PHIL 3(3,0) Key Concepts in Religion and Cultural Studies: PR: REL 2000, or C.I. Study of the development, meaning, and implications of a central concept in Religious Studies. May be repeated for credit only when course content is different. Occasional.

REL 4901 CAH-PHIL 1(1,0) Portfolio: PR: Final semester as Humanities/Religious Studies track major. Presentation of a representative sample of a student’s best undergraduate work, with appropriate revision, including a cover narrative indicating development of knowledge and skills in the subject area. Graded S/U. Occasional.

REL 9496 CAH-PHIL 3(3,0) Key Figures in Religion and Cultural Studies: PR: REL 2000, or C.I. Study of a central figure’s work, influences, and effect. May be repeated for credit only when course content is different. Occasional.

RMI 3011 BA-FIN 3(3,0) Principles of Risk and Insurance: PR: FIN 3403C. Emphasis is on insurance as a risk-handling device, with attention given to risk assumption, risk avoidance, and loss prevention. Spring.

RTE 3457C HPA-HP 3(2.5,1.5) Principles of Radiographic Exposure II: PR: RTE 3418C or C.I. Study of technical and photographic processing variables influencing conventional, radiographic and digital image quality. Spring.

RTV 2102 COS-COMM 3(3,0) Writing for the Electronic Media: PR: ENC 1102. Practical experience in writing for various electronic media including radio, television, corporate, and digital media. Topics include writing, style, and creative applications. Fall, Spring.

RTV 3007 COS-COMM 3(3,0) Development and Structure of Electronic Media and New Technology: PR: SPC 1608 or SPC 1630C or COM 1000 or C.I. Nature of the media, the mechanics of operation of analog and digital systems, history, economics, programming, and internal and external controls. Fall, Spring.

RTV 3200 COS-COMM 3(3,0) Production Fundamentals and Aesthetics of Electronic Media: PR: or CR: RTV 3007 or C.I. Technical and creative concepts of analog and digital electronic media production for radio, television, and multimedia delivery systems. Fall, Spring.

RTV 3210C COS-COMM 3(2,1) Audio Production I: PR: RTV 3200 and RTV Major- Production Specialization. Audio production theory and recording techniques utilizing various microphone types and digital non-linear audio computer-based editing equipment. Students should expect significant work in the RTVF facility outside of class. Fall, Spring. M&S fee $30.00

RTV 3223C COS-COMM 3(2,1) Lighting for Video: PR: RTV 2220 or RTV 3200 and RTVF Major - Production Specialization. Basic lighting techniques for both studio and location, single and multiple-camera video production. Students should expect significant work in the RTVF facility outside of class. Fall, Spring. M&S fee $30.00

RTV 3282C COS-COMM 4(3,1) Studio Television Production: PR: RTV 3200 and RTVF Major - Production Specialization. Analog and digital television studio production including audio mixers, microphones, tape recorders, cameras, video switchers, lighting, and electronic graphics. Students should expect significant work in the RTVF facility outside of class. Fall, Spring. M&S fee $30.00

RTV 3224C COS-COMM 3(2,1) Broadcast Announcing and Performance: PR: RTVF Major, Junior standing, and C.I. Development of performance skills and techniques required to be a performer in any area of broadcast television and performing industry, with emphasis on announcing, interviewing, reporting, auditioning, performance in scenes and commercials. Students should expect significant work in the RTVF facility outside of class. Fall, Spring. M&S fee $15.00

RTV 3260C COS-COMM 4(3,1) Single Camera Video Production and Editing: PR: RTVF 3200 and RTVF Major- Production Specialization or Broadcast Journalism Specialization. Technical and aesthetic requirements of analog and single-camera video production and editing, including techniques for electronic news gathering (ENG) and electronic field production (EFP). Students should expect significant work in the RTVF facility outside of class. Fall, Spring. M&S fee $20.00

RTV 3263C COS-COMM 3(2,1) Advanced Video Post-Production: PR: RTVF 3200C and RTVF Major - Production Specialization. Advanced post-production techniques for analog and digital video, including A/B roll time code editing, digital video effects, electronic graphics, and non-linear video editing. Students should expect significant work in the RTVF facility outside of class. Fall, Spring. M&S fee $15.00

RTV 3283C COS-COMM 3(2,1) Production of Interactive Multimedia: PR: CGS 1006C; major status in R-TV, Ad-PR, Journalism, Organizational and Interpersonal Communication. Practice in production of electronic interactive multimedia for the broadcast industry. Students should expect significant work in the RTVF facility outside of class. Fall. M&S fee $10.00

RTV 3301 COS-COMM 3(3,0) Electronic Journalism I: PR: RTVF 2102 and RTVF Major - Broadcast Journalism Specialization. Newswriting and news gathering skills and strategies and accompanying ethical considerations for analog and digital delivery of broadcast journalism. Fall, Spring.

RTV 3304 COS-COMM 3(3,0) Electronic Journalism II: PR: RTVF 3301, RTVF 3007C or RTVF Major - Broadcast Journalism Specialization. Newswriting and news gathering skills and strategies. RTVF 3301 is integrated into a newsgathering context for actual production of analog and digital radio and television news packages. Fall, Spring. M&S fee $10.00

RTV 3321 COS-COMM 3(3,0) Electronic News Gathering: PR: JOU 2101 and status as either an RTVF or Journalism major, or C.I. An introduction to the profession and video news. Students plan, research, report, write and execute electronic news productions from concept to finished product. Fall, Spring.

RTV 3912 COS-COMM 3(3,0) Collaborative Experiential Research Practicum: PR: Either SPC 1608, SPC 1630C or COM 1000, and C.I. Students will work as research assistants in a team, under faculty supervision, and learn how to conduct the process of communication/social scientific research. May be used in the degree program a maximum of 2 times. Occasional.

RTV 3942L COS-COMM 1-3(3,0-9) Practicum: PR: C.I., RTVF Major, and either RTVF 3210C, RTVF 3222C or RTVF 3200C. Student will serve in some position of responsibility for UCF Weekly News or other RTVF program. Graded S/U. May be repeated for credit. Occasional.
RTV 4206C COS-COMM 3(2,1)  
Television Directing: PR: RTV 3228C, RTV 3260C, and RTV Major - Production: Preparation and direction of programs, using both digital and analog resources, with emphasis on dramatic value and composition. Students should expect significant work in the RTV lab facility outside of class. Fall. M&S fee $30.00

RTV 4211C COS-COMM 3(2,1)  
Audio Production II: PR: RTV 3210C and RTV Major. Creating the sound design and multiple track recording in the analog and digital domain. Students should expect significant work in the RTV lab facility outside of class. Occasional. M&S fee $15.00

RTV 4271C COS-COMM 3(2,1)  
Radio Production and Programming: PR: RTV 3200 and RTV Major - Production: Broadcast Generalist Specialization. Study and production of current radio formats, the integration of digital resources, and their effects on today’s radio listener. Students should expect significant work in the RTV lab facility outside of class. Fall.

RTV 4280C COS-COMM 3(2,1)  
Webcasting I: PR: RTV Major and PR or CR: RTV 3283C. Presentation of broadcast material on the web. Integrating radio distribution of radio, television, and web content. Students should expect significant work in the RTV lab facility outside of class. Occasional. M&S fee $15.00

RTV 4281C COS-COMM 3(2,1)  
Webcasting II: PR: RTV 4280 and RTV Major. Production of weekly campus newscast. Daily newsgathering and Television News: RTV 4320C COS-COMM 3(1,3)  
M&S fee $15.00

RTV 4320C COS-COMM 4(1,3)  
Television News: PR: RTV 3304 and RTV Major - Production: Broadcast Journalism Specialization or C.J. Production of weekly campus newscast. Daily newsgathering and production of digital media in conjunction with other RTV production activities to repurpose broadcast content for delivery on the web. Students should expect significant work in the RTV lab facility outside of class. Occasional. M&S fee $15.00

RTV 4322C COS-COMM 3(2,1)  
Advanced TV News: PR: RTV 4320C, RTV Majors only and C.I. Supervised broadcast news experience and practice in the weekly UCF news program. Students should expect significant work in the RTV lab facility outside of class. Occasional.

RTV 4403 COS-COMM 3(3,0)  
Electronic Media, Technology, and Society: PR: RTV 3200, or C.J. Theories, applications, and critical analysis of mass communication, mass communication effects, and emerging communication technologies, including digital media. Fall, Spring.

RTV 4503 COS-COMM 3(3,0)  
Sports Programming in Electronic Media: PR: Either APP 1983, COMM 1000, RTV 3007, or C.J. Factors that determine how sporting events are constructed for programming on broadcast stations, cable television, and other forms of electronic media. Fall.

RTV 4505 COS-COMM 3(2,1)  
Program Issues for TV & Motion Pictures: PR: RTV 3007 or FIL 2030 or C.J. An examination of program development theories, strategies and issues in the television and motion picture industries. Students should expect significant work in the RTV lab facility outside of class. Occasional.

RTV 4544 COS-COMM 3(3,0)  
Advanced Studio Production: PR: RTV 3260, RTV 3226, and RTV 3263 Students will learn and apply advanced techniques in producing and directing television programs and video projects both in-studio and on-location. Fall, Spring.

RTV 4700 COS-COMM 3(3,0)  
Regulation of Broadcasting: PR: RTV Major or Mass Comm. minor, and RTV 3007. Federal, state, local and self-regulatory agencies and practices which govern electronic media. Fall.

RTV 4800 COS-COMM 3(3,0)  
Broadcast Management: PR: RTV Majors only. Examination of broadcast management problems in stations, networks, stations, operations at local, regional, and national levels. Spring.

RUS 1120 CAH-LANG 4(4,1)  
Elementary Russian Language and Civilization I: Introduces the student to Russian culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. Occasional.

RUS 1121 CAH-LANG 4(4,1)  
Elementary Russian Language and Civilization II: PR: RUS 1120 or equivalent. Development of language skills and cultural knowledge at the intermediate level. Occasional.

RUS 2201 CAH-LANG 3(3,1)  

RUS 2210 CAH-LANG 3(3,0)  
Intermediate Russian Conversation: PR: RUS 2200 or equivalent. Practical use of the language, leading toward fluency and correctness in speaking. Occasional.

RUS 3240 CAH-LANG 3(3,0)  
Russian Conversation: PR: RUS 2201 or equivalent. Development of skills in conversation and comprehension through practice. Occasional.

RUS 3760 CAH-LANG 3(3,0)  
Advanced Russian Oral Communication: PR: RUS 2201 or equivalent. Vocabulary building with systematic training in dictation and location. Speeches and oral presentations as well as production and delivery of real-life dialogues. Occasional.

RUT 3505 CAH-LANG 3(3,0)  
Russian Culture and Civilization: PR: ENC 1102 or C.J. Russian culture and civilization through a variety of topics and media. Occasional.

SCE 3303 HPA-CJ 3(3,0)  

SCE 3311 HPA-CJ 3(3,0)  
Security Administration: Discussion of modern security administration and the security-law enforcement interface, emphasizing a systems approach and utilizing the design of a security plan for a plant. Occasional.

SCE 3316 HPA-CJ 3(3,0)  

SCE 3310 ED-TL&L 3(3,0)  
Teaching Science in Elementary School: PR: EDG 4410 or C.J; CR: EDE 3942. Selected concepts; organizing for instruction; techniques and evaluation procedures. Fall, Spring. M&S fee $10.00

SCE 4304 ED-TL&L 3(3,0)  
Teaching Science and Technology to Young Children: Provides the knowledge and skills needed to plan and implement discovery science/technology programs for young children in an integrated, interactive curriculum. Fall.

SCE 4360 ED-TL&L 4(4,0)  
Science Instructional Analysis: PR: EDG 4410 or C.J; CR: SCE 3940. Course objectives for a school science program for young children in an integrated, interactive curriculum. Fall, Spring. M&S fee $10.00

SCE 4361 ED-TL&L 3(3,0)  
Programs in Teaching Science: PR: Admission to the Bachelor of Science Education program or C.I. Special programs, strategies, and materials for middle and secondary school science education majors. Spring.

SCE 5325 ED-TL&L 3(3,0)  
Teaching Middle School Science: PR: EDG 6415, TSL 5085 or admission to MED program or Initial Teacher Professional Preparation Certificate. Secondary science education special methods course is designed to augment students’ understanding of instructional methods and their applications to middle and high school science curriculum. Fall, Spring.

SCE 5836 ED-TL&L 3(3,0)  
Space and Physical Science for Educators: PR: Graduate standing or C.I. Introduction to space and physical science, manned space flight, and space education curriculum. Occasional.

SLS 1501 ED-CFCS 3(3,0)  
Strategies for Success in College: PR: First Time in College (FTIC) standing or C.I. Development of life-skills necessary for the contemporary student to appropriately adjust to college requirements that lead to self-mastery and the total concept of lifetime wellness. Fall, Spring.

SLS 2311C COM-BBBS 2(2,1)  
Overview of Select Medical Careers: An overview of the pre-health professions process for careers in medicine, dentistry, veterinary, optometry, pharmacy, podiatry, and chiropractic. Spring.

SLS 2715 ED-CFCS 3(3,0)  
Peer Educator Leadership: PR: Orientation Team Members or C.I. Training peer educators in helping strategies applicable to their peer leadership positions. Fall, Spring.

SOP 2772 COS-PHYS 3(3,0)  

SOP 3004C COS-PHYS 3(3,0)  

SOP 3723 COS-PHYS 3(3,0)  
Cross Cultural Psychology: PR: PSY 2012. Exploration of the psychological impact of culture on behavior, with the psychological understanding of under-represented minority groups. Odd Spring.

SOP 3724 COS-PHYS 3(3,0)  
Psychology of Prejudice: PR: PSY 2012. Examination of literature relating to prejudice toward groups and individuals, development and maintenance of prejudice, and possible ways to reduce prejudice. Even Spring.

SOP 3742 COS-PHYS 3(3,0)  
Psychology of Women: PR: PSY 2012. Examination of the psychological impact of changing sex roles on women in modern society. Topics include child rearing, working women, and sex differences in personality and cognition. Fall, Spring.

SOP 3751 COS-PHYS 3(3,0)  
Legal Aspects of Psychology: PR: PSY 2012 or SYG 2003, or C.J. Ethical and legal dilemmas and issues in the practice of psychology. Occasional.

SOP 3784 COS-PHYS 3(3,0)  
UCF Courses and Descriptions

SOP 5059 COS-PSYCH 3(3,0)
Advanced Social Psychology: PR: SOP 3004C, graduate status or senior standing, or C.I. The major findings and theories in social psychology including an in-depth review of relevant research. Occasional.

SOW 2020 HPA-SOWK 3(3,0)
Careers in Creating Social Change: Introduces students to the field of social services, with emphasis on the social work profession and other careers that create social change. Fall.

SOW 3104 HPA-SOWK 3(3,0)
Assessing I: Human Development: PR: Junior Standing or C.I. Skill development in assessing "person-in-environment" throughout life cycle. Study interaction of biobehavioral, cultural, and systemic influences on human functioning. Open to non-majors and pending social work majors. Fall.

SOW 3111 HPA-SOWK 3(3,0)

SOW 3284 HPA-SOWK 3(3,0)
Social Work Perspectives on Social Justice: PR: Junior Standing or C.I. Examination of the social justice mission of the social work profession. Addresses professional values, the rights of populations served, and justice within practice fields. Fall, Spring.

SOW 3300 HPA-SOWK 3(2,1)
Practice I: Generalist Practice in Social Work: PR: Admission to program. Study of social work functions, knowledge, values, and skills. Development of ability to use a generalist model of practice. Fall.

SOW 3352 HPA-SOWK 3(2,1)
Practice II: Interpersonal Skills in Social Work: PR: SOW 3300 PR or CR: SOW 3300. Study and practice of interviewing, group leadership, written communication, and oral presentations, in consensual as well as conflictual contexts of social work. Spring.

SOW 3401 HPA-SOWK 3(3,0)

SOW 3620 HPA-SOWK 3(3,0)
Culturally Competent Social Work Practice: PR: SOW 3284 and SOW 3104; PR or CR: SOW 3300. Social work function and skill development needed to serve oppressed groups. Spring.

SOW 3740 HPA-SOWK 3(3,0)
Social Work Practice with Loss & Life’s Transitions: PR: Junior Standing or C.I. A wide range of losses across the life span will be presented from a strengths perspective. Assessment & intervention recognizing cultural differences will be addressed. Fall.

SOW 4232 HPA-SOWK 3(3,0)

SOW 4253 HPA-SOWK 3(3,0)
Social Work and the Law: PR: Junior Standing or C.I. An overview of the legal system focusing on roles social workers play within the courts and legal processes pertaining to family law, medical health, child welfare. Fall.

SOW 4322 HPA-SOWK 3(3,0)
Social Work Practice with Groups: PR: SOW 3104 and Junior Standing. Provide theories and skills of generalist social work practice with small groups in a wide range of social service agencies and with diverse client populations. Spring.

SOW 4341 HPA-SOWK 3(2,1)
Micro-Level Roles and Interventions in Social Work: PR: SOW 3300, SOW 3352. Study and simulated practice of roles and tasks in systemic problem solving with individuals, families and supportive and remedial groups. Fall.

SOW 4343 HPA-SOWK 3(1,2)
Macro-Level Roles and Interventions in Social Work: PR: SOW 3300, SOW 3352. Study and simulated practice of roles and tasks in systemic problem solving to obtain and improve social welfare resources within organizations and communities. Fall.

SOW 4510 HPA-SOWK 9(0,28)
Field Education: PR: Completion of required courses in major: GPA 2.5 in major. CR: SOW 4522. Supervised learning experiences in agencies that relate social work practice to theory, requiring 420 clock hours in the field. Graded S/U. Spring.

SOW 4515 HPA-SOWK 1-2(1-2,0)
Part Time Field Education Seminar: PR: Completion of all other required social work courses for the major and CR: SOW 4911. Weekly seminar to examine the field experience and to relate theory with practice situations. Spring.

SOW 4522 HPA-SOWK 3(2,1)
Field Education Seminar: PR: Completion of required courses in major: CR: SOW 4510. Weekly seminar to examine the field experience and to relate theory with practice situations. Spring.

SOW 4602 HPA-SOWK 3(3,0)
Social Work in Health Settings: PR: Junior Standing or C.I. Study of social work roles, interventions, and issues related to helping patients in health settings. Fall.

SOW 4645 HPA-SOWK 3(3,0)
Social Services for the Elderly: PR: Junior Standing or C.I. Development of interventions skills for obtaining, providing, and administering social services in behalf of elderly persons and their families. Fall.

SOW 4650 HPA-SOWK 3(3,0)
Child Abuse: Treatment and Prevention: PR: SOW 3300 and Admission to BSW program or C.I. The social worker's role and interventions with victims of child abuse and their family members. Spring.

SOW 4654 HPA-SOWK 3(3,0)
Children's Services: PR: (Admission to BSW program) or (PR or CR: SOW 3104). Study of societal responses to children's needs. Development of skills for preventing family breakdown, placing children in alternative care, and serving children in families. Fall, Spring.

SOW 4672 HPA-SOWK 3(3,0)
Social Work Practice: The Lesbian, Gay, Bisexual, and Transgendered (+) Experience: PR: Junior Standing or C.I. Sexual orientation and cultural diversity; policies and practices affecting gay & lesbian people, community based therapeutic and preventive interventions with gay & lesbian clients. Even Spring.

SOW 4705 HPA-SOWK 3(3,0)
Prevention and Treatment of Adolescent Substance Abuse: PR: Junior Standing. An in-depth review of prevention, intervention, and treatment, recovery and relapse issues and public policies regarding adolescents with substance abuse problems Even Fall, Spring.

SOW 4706 HPA-SOWK 3(3,0)
Intervention with Substance Abusers: PR: Junior Standing. Strategies for working with persons who abuse alcohol, other drugs and substances. Fall, Even Spring.

SOW 4730 HPA-SOWK 3(3,0)
Documentation in Social Work Practice: PR: SOW 3300 and SOW 3352. For Social Work majors only. Development of documentation skills for the delivery of social work services in various agency settings. Fall.

SOW 4754 HPA-SOWK 3(3,0)
Forensic Social Work Theory and Practice: PR: Junior Standing or C.I. The role of social workers within the courts and criminal justice system. Occasional.

SOW 4794 HPA-SOWK 3(3,0)
Social Work with Immigrants and Refugees: PR: SOW 3825 and Junior Standing, or C.I. Social work practice with immigrants and refugees, specifically addressing social policies, programs and legal issues impacting from a national and an international perspective. Fall.

SOW 5015 HPA-SOWK 3(3,0)
Human Behavior and Social Environment I: Individual: PR: Admission to MSW program. Study of human development and psychological functioning of individuals at various life stages with particular attention to implications of human diversity. Fall.

SOW 5016 HPA-SOWK 3(3,0)
Human Behavior and Social Environment II: Social Systems: Study of the patterns and dynamics of families, groups, organizations, and communities from a social work and a systems perspective. Spring.

SOW 5132 HPA-SOWK 3(3,0)
Diverse Client Populations: Study of human diversity, focusing on the needs, resources, problems, and service issues of several identified minority client populations. Spring.

SOW 5149 HPA-SOWK 3(3,0)
Military and Veteran Culture with Historical Frameworks: PR: Admission to Master of Social Work program or C.I. Thorough analysis of military and veteran systems. Provides the frameworks to assist social workers in better understanding, communicating and practicing with veterans and their families. Spring.

SOW 5235 HPA-SOWK 3(3,0)
Social Welfare Policies and Services: Study of societal responses to human needs; forces shaping social welfare; concepts and frameworks for analyzing social policies and services Fall.

SOW 5305 HPA-SOWK 3(3,0)
Social Work Practice I: Generalist Practice: Study of social work functions, knowledge, values, roles and skills; the use of a generalist model of practice. Fall.

SOW 5306 HPA-SOWK 3(3,0)
Social Work Practice II: Intervention Approaches: Study of selected social work theories, strategies, and techniques for helping people and improving system responsiveness to human needs. Spring.

SOW 5387 HPA-SOWK 3(3,0)
Nonprofit Resource Development: PR: Admission to certificate program or C.I. Resource Development in nonprofit organizations, including board development and leadership, volunteer program development, staff development, grant funding, fundraising, marketing, and government contract development and management. Occasional.

SOW 5404 HPA-SOWK 3(3,0)
Social Work Research: Study of group research designs in social work; quantitative analyses; and related ethical issues. Fall.

SOW 5532 HPA-SOWK 2(2,0)

SOW 5538 HPA-SOWK 3(3,0)
Full-Time MSW Generalist Field Education Seminar I: PR: Admission to Master of Social Work program or C.I.; CR: SOW 5305. Field education for full-time MSW generalist students; includes seminar and supervised practice of social work in an agency for 200 clock hours. Graded S/U. Fall.

SOW 5539 HPA-SOWK 3(3,0)

SOW 5565 HPA-SOWK 2(2,0)
individuals with communication disorders. Familial challenges as well as society’s perceptions of emphasizing psychosocial, academic, vocational, and psychological aspects of communication and feeding disorders. 


Hearing disorders across the lifespan: PR: SPA 3132, SPA 4032 and Senior standing, or C.I. Primary and secondary consequences of hearing loss across the lifespan, including hearing impairments and communication limitations. Fall, Spring.

Language disorders across the life span: PR: LIN 3717 and Junior standing, or C.I. Ethology, assessment, and management of language disorders in children, adolescents, and adults, including those associated with autism, traumatic brain injury, learning disabilities, and dementia. Fall, Spring.

Speech disorders across the lifespan: PR: SPA 3101, and SPA 3112 and Junior Standing, or C.I. Causes and characteristics of speech and swallowing disorders in children and adults, including those affecting articulation, phonation, resonance, fluency, and feeding and swallowing. Fall, Spring.

Multicultural aspects of communication disorders & differences: PR: LIN 3716, Senior standing, or C.I. Cultural and Linguistic diversity among individuals with communication disorders and differences. Special emphasis on African, Hispanic, Asian, and Native American. Fall, Spring.

Counseling in communication disorders: PR: SPA 3471 or C.I. Practical Interviewing and counseling in the area of communication disorders. Fall, Spring.

Augmentative and alternative communication systems: PR: UN 3717 or C.I. The total integrated network of techniques, aids, strategies, and skills individuals use to supplement or replace inadequate natural speaking ability. Occasional.

Educational implications of deafness: PR: ASL 2510. Impact of deafness on the educational process. The impact of deafness on the individual, their family, and the classroom will be discussed. Occasional.

Research methods in communication sciences and disorders: PR: STA 2014C or STA 2023. Approaches, methods, and techniques of research in Communication Sciences and Disorders are considered through lecture, discussion, and group participation. Fall, Spring.

Capstone course: PR: or CR: All required CS&D courses. Integration of essential topics in communication sciences and disorders through curriculum content reviews and community experiences. Fall, Spring.
SPN 3402 CAH-LANG 3(3,0) Practice in Modern Spanish Grammar: PR: SPN 2241 or 3420. The intent of this course will provide the advanced student with practice and drill in modern Spanish using native texts. Occasional.

SPN 3420 CAH-LANG 3(3,0) Spanish Composition: PR: SPN 2201 or equivalent. Development of skills in composition. Fall, Spring.

SPN 3512 CAH-LANG 3(3,0) Contemporary Spanish Culture Abroad: PR: SPN 3111 or SPN 3420. This course will focus on contemporary Spanish culture presented through classroom lectures and discussions, assigned reading and scheduled activities. Occasional.

SPN 3760 CAH-LANG 3(3,0) Advanced Spanish Oral Communication: PR: SPN 3420 or equivalent. Vocabulary building with systematic training in dictation and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues. Fall, Spring.

SPN 3850 CAH-LANG 3(3,0) Structure of the Spanish Language: PR: SPN 3420. Linguistic theory applied to analysis of Spanish language. Includes systematic study of sound patterns, semantics, word formations, and sociolinguistics. Occasional.

SPN 3852 CAH-LANG 3(3,0) Business Spanish IV: PR: C.I. Advanced course in business terminology and development of advanced language skills. Odd Spring.

SPN 4410 CAH-LANG 3(3,0) Advanced Spanish Conversation: PR: SPN 3760, SPN 3420, and SPN 3300 or C.I. Advanced conversation on directed topics from various disciplines: literature, art, psychology, philosophy, music, business, and the sciences. Fall.

SPN 4421 CAH-LANG 3(3,0) Advanced Spanish Composition: PR: SPN 3760, SPN 3420, SPN 3760 or C.I. Readings and written imitations of modern literary styles in the form of themes, sketches, poems, and original stories. Even Spring.

SPN 4510 CAH-LANG 3(3,0) Spanish Civilization and Culture: PR: SPN 3760, SPN 3420 and SPN 3300 or C.I. A study of Spanish civilization and culture from Pre-Roman times to the present. Conducted in Spanish. Occasional.

SPN 4520 CAH-LANG 3(3,0) Latin American Civilization and Culture: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. An overview of the cultures of the Latin American culture and civilization from the Pre-Columbian period to the present. Conducted in Spanish. Occasional.

SPN 4780 CAH-LANG 3(3,0) Spanish Phonetics: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. Students will learn the basic principles of Spanish pronunciation and perfect the correct pronunciation of Spanish through intensive practice and oral drill. Occasional.

SPN 4800 CAH-LANG 3(3,0) Spanish-American Syntax: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. The course examines the Spanish language from its beginning to the present, with special emphasis as it is written and spoken in Latin America and the U.S. Occasional.

SPN 4801 CAH-LANG 3(3,0) Spanish Morphosyntax: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. Emphasizes the structure, as well as the capacity for recognizing the differences between semantics, morphology, syntax, and phonology in the Spanish language, as well as the use and correct application of criteria when analyzing texts. Taught in Spanish. Occasional.

SPN 5502 CAH-LANG 3(3,0) Hispanic Culture of the United States: PR: Graduate status or senior standing or C.I. An analysis of the Hispanic culture of the United States, past and present. Occasional.

SPN 5505 CAH-LANG 3(3,0) Spanish Peninsular Culture and Civilization: PR: Graduate status or senior standing or C.I. An analysis of the salient characteristics of Spanish culture and civilization. Occasional.

SPN 5506 CAH-LANG 3(3,0) Spanish-American Culture and Civilization: PR: Graduate status or senior standing or C.I. An analysis of the salient characteristics of Spanish American culture and civilization. Occasional.

SPN 5705 CAH-LANG 3(3,0) Introduction to Spanish Linguistics: PR: Graduate status or senior status or C.I. This course is a survey of the diversity found within the Spanish language with respect to phonological constraints, morphosyntax, second language influences, and dialectology and sociolinguistics. Odd Fall.

SPN 5825 CAH-LANG 3(3,0) Spanish Dialectology: PR: Graduate status or senior standing or C.I. An overview of linguistic characteristics of Latin and its evolution into Spanish with historical development. Occasional.

SPN 5845 CAH-LANG 3(3,0) History of the Spanish Language: PR: Graduate status or senior standing or C.I. An overview of the salient characteristics of Latin and its evolution into Spanish with historical development of phonetic, morphological, and syntactic properties. Occasional.

SPN 5920 CAH-LANG 3(3,0) AP Spanish-American Literature: PR: Graduate status or senior standing or C.I. Participants will enhance their knowledge of the language and culture of Spanish-speaking peoples and develop further proficiency in literature, comprehension, speaking, and writing. Occasional.

SPS 5177 ED-CFCS 3(3,0) Enhancing Individual and Student IQ: PR: Graduate standing or C.I. Students will understand IQ and its malleability and methods of enhancing IQ. Students will analyze acquisition of knowledge gained from methods of scientific inquiry regarding individual differences. Even Spring.

SPS 5605 ED-CFCS 3(3,0) Building and Improving Relationship and Emotional Intelligence: PR: Graduate standing or C.I. Students will learn to develop and improve relational and emotional intelligence and demonstrate an understanding of social emotional learning and how it enhances psychosocial wellbeing. Odd Spring.

SPT 3800 CAH-LANG 3(3,0) Spanish Translation and Interpretation: PR: Completion of 2000 level sequence or equivalent. Introduction to translation and interpretation, practical applications of theory applied to professional written and audio texts from Spanish to English and from English to Spanish. Fall, Spring.

SPT 3805 CAH-LANG 3(3,0) Spanish Translation and Interpretation for Mass Communication: PR: SPN 3420. Translation and interpretation in mass communication using all forms of media. Even Spring.

SPT 3807 CAH-LANG 3(3,0) Medical Spanish Translation/Interpretation: PR: SPN 2241 and SPN 3420. The basic Spanish terminology, techniques and ethics in the field of medical translation and interpretation. Odd Fall.

SPT 3831 CAH-LANG 3(3,0) Spanish Legal Translation and Interpretation: PR: SPN 3420 and SPN 2241. Terminology, procedures and ethics required to be a Spanish language court interpreter and translator in the legal field. May be repeated for credit. Even Fall.


SPW 3320 CAH-LANG 3(3,0) Survey of Latin-American Literature I: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. Main literary currents and works from the Middle Ages through the Eighteenth century. Fall.

SPW 3330 CAH-LANG 3(3,0) Survey of Latin-American Literature II: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. Main literary currents and works of the Nineteenth century to the present. Spring.

SPW 3331 CAH-LANG 3(3,0) Survey of Latin-American Literature III: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. Main literary currents and works of the Nineteenth century from Realism to the present. Spring.

SPW 3340 CAH-LANG 3(3,0) Hispanic Theatre Workshop I: PR: C.I. This course is an introduction to fundamental actor's technique and practice in Spanish. Short scenes will be performed in class. Occasional.

SPW 3341 CAH-LANG 3(3,0) Modern Hispanic Theatre Workshop II: PR: C.I. Introduction to fundamental actor's technique and practice in Spanish. Short scenes will be performed in class. Occasional.

SPW 3370 CAH-LANG 3(3,0) Spanish Short Story: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. A study of representative 19th and 20th-century Spanish short stories and their authors. Occasional.

SPW 4272 CAH-LANG 3(3,0) 20th Century Spanish Novel: PR: SPW 3101 or SPW 3131 or C.I. Major works by the leading authors of the 20th century. Texts selected are studied not only for their aesthetic value, but also in terms of their historical and cultural significance. Occasional.

SPW 4310 CAH-LANG 3(3,0) Golden Age Drama: PR: SPW 3101 or C.I. A study of the drama of the Golden Age, with special emphasis on Lope, Tirso, Alarcon, and Calderon. The controversies of the Golden Age and its influence abroad are examined. Occasional.

SPW 4322 CAH-LANG 3(3,0) Contemporary Iberian Theatre: PR: SPW 3101 or C.I. A study of the major playwrights and tendencies in contemporary Iberian theatre. Occasional.

SPW 4364 CAH-LANG 3(3,0) Latin-American Narrative/Essay: PR: SPW 3100 or SPW 3131 or SPW 3370 or C.I. Study of Latin-American narrative/essay (changing topics by semester) with emphasis in 20th century texts, contrasting techniques, procedures, and literary theories. May be repeated for credit only when course content is different. Occasional.
UCF Courses and Descriptions


SYO 3410H COS-SOC 3(3,0) Honors Patterns of Mental Health in Society: PR: Consent of Honors or C.I. A sociological examination of mental illness as a social problem, legal aspects of mental illness, and the mental health professions. With Honors content. Occasional.

SYO 3530 COS-SOC 3(3,0) Social Power and Inequality: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Intimate relationships, practices, trends and issues affecting today’s marriages and families. Fall, Spring.

SYO 4100 COS-SOC 3(3,0) Family Trends: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Study of class, status and power, cultural variations in stratification systems; patterns of mobility and change. Occasional.

SYO 4120 COS-SOC 3(3,0) Religion in Society: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. The relationship between the religious institution and social stratification, family, education, as well as issues pertaining to gender, race, ethnicity, and age. Occasional.

SYO 4250 COS-SOC 3(3,0) Education and Social Achievement: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. This course examines the sociological dimensions of the educational institutions, including the impact of the social structure on learning and the role of education in social change. Occasional.

SYO 4300 COS-SOC 3(3,0) Political Sociology: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Sociological analysis of political and parapolitical groups; socioeconomic variable of voting behavior, power elites; societies and systems of government. Occasional.

SYO 4323 COS-SOC 3(3,0) Community and Diversity: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Analysis of patient beliefs and behavior, health practitioners, the social organization of hospitals and health services, contemporary problems in the delivery of health care. Occasional.

SYO 4400H COS-SOC 3(3,0) Honors Medical Sociology: PR: Consent of Honors or C.I. Analysis of patient behavior, health practitioners, the social organization of health services, and delivery of health care. With Honors content. Occasional.

SYO 4401 COS-SOC 3(3,0) Social Determinants of Health: PR: SYO 4400, ANT 2000, or PSY 2012 or C.I. Examination of the ways social characteristics structure or shape health patterns in the U.S. population. Occasional.

SYO 4402 COS-SOC 3(3,0) Sociology of Health and Illness Behavior: PR: One of SYG 2000, ANT 2000 or PSY 2012 or Junior standing. Social construction of health and illness, and social factors that shape health and illness behavior (e.g., subjective experience of illness, patient-doctor interaction, and coping with disability). Occasional.


SYO 3300 COS-SOC 3(3,0) Fads, Crowds, and Social Action: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Analysis of relatively unstructured social situations, such as mobs, crowds, etc., as well as more structured forms of collective behavior such as social movements. Occasional.


SYO 3511 COS-SOC 3(3,0) Sociology of Murder: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. An analytical study of murder in the U.S.; topics include different types of homicides, offenders, and outcomes. Fall, Spring.


SYO 3530 COS-SOC 3(3,0) Juvenile Delinquency: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Types of delinquency behavior found among juveniles; possible causes and ways society tries to treat the various forms of delinquency. Occasional.


SYO 4300H COS-SOC 3(3,0) Honors Sociology of Popular Culture: PR: Consent of Honors or C.I. A sociological examination of the role of popular culture in the creation, distribution, and consumption of cultural products. Occasional.


SYO 3690 COS-SOC 3(3,0) Social Movements and Revolutions: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Comparative sociology of revolutions and the sociological research on social movements. Occasional.


SYO 4551 COS-SOC 3(3,0) Sociology Through Film: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Developing students’ sociological imagination by viewing, discussing, and analyzing films. Occasional.


SYO 5005 COS-SOC 3(3,0) Sociological Social Psychology: PR: Graduate standing or C.I. An exploration of sociological social psychological theories and their application in understanding the effects of society and groups on the individual. Occasional.

SYO 5525 COS-SOC 3(3,0) Sociological Criminology: PR: Graduate standing or C.I. To examine current sociological knowledge and research on various issues in Criminology, and to further students’ skills in developing/conducting research projects. Occasional.

SYO 5566 COS-SOC 3(3,0) Seminar on Domestic Violence: Theory, Research and Social Policy: PR: Graduate status or senior standing or C.I. A sociological examination and evaluation of theories, empirical research and social policy related to the study of domestic violence. Occasional.
The 2000 CAH-THEA 3(0,0)
Theatre Survey: Overview of the art and craft of the theatre. Restricted to non-majors. Fall, Spring.

The 2000H CAH-THEA 3(0,0)

The 2020 CAH-THEA 3(0,0)
Survey of Theatre for Majors: PR: Theatre major or minor. Overview of the art and craft of theatre. Fall.

The 2050 CAH-THEA 3(0,0)
Study of Creative Drama: PR: Theatre major or minor. Techniques and theories for facilitating creative drama with youth, as both an art form and teaching tool. Occasional.

The 2080 CAH-THEA 3(2,1)
Introduction to UCF Theatre: PR: Theatre major. Specific UCF Theatre Department production protocols and operations. Fall.

The 2090L CAH-THEA 1(0,VAR)
Theatre Participation-Management I: PR: Theatre major or minor. Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. Fall, Spring.

The 2305 CAH-THEA 3(0,0)
Script Analysis for Theatre: PR: Theatre major. Exploration of dramatic form with focus on playscripts for productions. Fall, Spring.

The 2925L CAH-THEA 3(0,VAR)
Theatre Participation: PR: Theatre Major, Theatre Minor or Dance Minor Participation in UCF Theatre productions. Graded S/U. May be used in the degree program a maximum of 8 times. Fall, Spring.

The 3006 CAH-THEA 3(0,0)

The 3006H CAH-THEA 3(0,0)

The 3082 CAH-THEA 3(0,0)
Theatre Careers: PR: B.A. Theatre major or minor. Sophomore standing, and “C” (2.0) or better in THE 2081C. Techniques to secure employment in theatre and related fields. Occasional.

The 3171 CAH-THEA 3(0,0)
That’s Entertainment!: Theatre Experience in Theme Parks, Vegas, and Broadway: PR: THE 2000 or EN 1102 or FL 1000. The art and craft of theatrical live entertainment. Occasional.

The 3240 CAH-THEA 3(0,0)
Musical Theatre Survey: PR: Grade of “C” (2.0) or better required in THE 2081C or THE 3000. Origins and evolution of Musical Theatre from the Ancient Greeks through the present day. Occasional.

The 3250 CAH-THEA 3(0,0)
Sex, Drugs, & the Rock and Roll Musical: PR: ENC 1102. Overview of the Rock & Roll musical theatre genre including culture and development. Occasional.

The 3272 CAH-THEA 3(0,0)
What a Drag! An Examination of transgender in Entertainment: PR: ENC 1102. The use of transgender performance in entertainment. Fall, Spring.

The 3311 CAH-THEA 3(3,0)
Theatre History and Dramatic Literature I: PR: Theatre major, “C” (2.0) or better in THE 2305 and Sophomore standing. Theatre history and drama from the Greeks to the Renaissance. Fall, Spring.

The 3312 CAH-THEA 3(3,0)
Theatre History and Dramatic Literature II: PR: Theatre major, “C” (2.0) or better in THE 3311, THE 2305 and Sophomore standing. Theatre history and drama from the Renaissance to the present. Fall, Spring.

The 3333 CAH-THEA 3(0,0)
Shakespeare Skills: PR: Grade of “C” (2.0) or better in THE 2080C. Study of Shakespeare’s heightened language, scansion, and text from a theatrical point of view. Course not intended for BFA Theatre Acting Majors. Occasional.

The 3383 CAH-THEA 3(0,0)
Taboo Theatre: Sex & Violence on Stage: PR: ENC 1102. Dramatic literature with taboo topics and their impact on the storytelling and entertainments of today. Occasional.

The 4093L CAH-THEA 1(0,VAR)
Theatre Participation-Management II: PR: Theatre major or minor. Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. Fall, Spring.

The 4212 CAH-THEA 3(0,0)
Global Theatre: PR: Grade of “C” (2.0) or better required in ENC 1101 or ANT 2000. Theatrical arts and traditions of various countries with an emphasis on non-western cultures. Occasional.

The 4230 CAH-THEA 3(0,0)
Cultural Diversity in Theatre I: PR: “C” (2.0) or better in ENC 1101 or ANT 2000. Commonality of human experience among various cultural groups through the study of dramatic literature. Occasional.

The 4231 CAH-THEA 3(0,0)
Cultural Diversity in Theatre II: PR: “C” (2.0) or better in THE 4230. Study of cultural diversity in the theatre production in the late 20th century. Occasional.

The 4241 CAH-THEA 3(0,0)
Musical Theatre History: PR: Grade of “C” (2.0) or better in THE 2081C. Study of musical theatre from early Viennese Operetta to the musicals of the modern age. Course will emphasize the work of composers, librettists, and lyricists as well as representative masterworks of a variety of genres. Emphasis will be placed upon historical trends and theatrical viability. Fall.

The 4242 CAH-THEA 3(0,0)
Musical Theatre History: PR: Grade of “C” (2.0) or better in THE 2081C. Study of musical theatre from early Viennese Operetta to the musicals of the modern age. Course will emphasize the work of composers, librettists, and lyricists as well as representative masterworks of a variety of genres. Emphasis will be placed upon historical trends and theatrical viability. Fall.

The 4243 CAH-THEA 3(0,0)
Global Women in Theatre: PR: Grade of “C” (2.0) or better in ENC 1101. An overview of women’s contributions to theatre. Occasional.

The 4543 CAH-THEA 3(0,0)
Theatre for Social Change: PR: Grade of “C” (2.0) or better in ENC 1101. Theatre activist’s impact on theatrical art forms. Occasional.

The 4543H CAH-THEA 3(0,0)

The 4954 CAH-THEA 0(0,0)

The 5205 CAH-THEA 3(0,0)

The 5215 CAH-THEA 3(0,0)
Global Theatre: PR: Admission into the MFA/MA Theatre programs or C.I. Theatrical arts and traditions of various countries with an emphasis on non-western countries. Occasional.

The 5237 CAH-THEA 3(0,0)
Cultural Diversity in Theatre II: PR: Admission into the MFA/MA Theatre programs or C.I. Commonality of human experience among various groups through the study of dramatic literature. Occasional.

The 5248 CAH-THEA 3(0,0)
Musical Theatre History: PR: Admission to MFA Musical Theatre Program. A chronological study of musical theatre from early Viennese Operetta to the musicals of the modern age. Course will emphasize the work of composers, librettists, and lyricists as well as representative masterworks of a variety of genres. Emphasis will be placed upon historical trends and theatrical viability. Fall.

The 5249 CAH-THEA 3(0,0)
Musical Theatre History: PR: Admission to MFA Musical Theatre Program. A chronological study of musical theatre from early Viennese Operetta to the musicals of the modern age. Course will emphasize the work of composers, librettists, and lyricists as well as representative masterworks of a variety of genres. Emphasis will be placed upon historical trends and theatrical viability. Fall.

The 5307 CAH-THEA 3(0,0)

The 5385 CAH-THEA 3(0,0)
Dramatic Literature for Children: PR: Admission to MFA graduate program or C.I. An in-depth study of the growth and development of dramatic literature for children. Even Fall.

The 5425 CAH-THEA 3(0,0)
Women in Theatre: PR: Admission into the MFA/MA Theatre programs or C.I. An overview of women’s contributions to theatre. Occasional.

The 5545 CAH-THEA 3(0,0)

The 5910 CAH-THEA 3(0,0)
Research Methods in Theatre: PR: MFA and MA in Theatre. Practice knowledge, skills and techniques needed by students to conduct research to include organization, styles, footnotes, and bibliographic forms. Fall.

The 5945L CAH-THEA 1(0,20)
Theatre Practicum I: PR: Graduate status or C.I. A laboratory course designed to develop students’ practical working knowledge in Theatre. Occasional.
Introduction to Technical Theatre: PR: B.A. Theatre Production/Stage Management major or "C" (2.0) or better in TPA 2000. Specific rendering techniques used to create visual images for scenic, lighting, and costume designers. Spring.

TPA 2170C CAH-THEA 2(2,2) Introduction to Theatre Production Documentation: PR: CGS 1000C. Presentation of information necessary to document design and production process. Spring.

TPA 2200 CAH-THEA 2(2,0) Introduction to Technical Theatre: PR: B.A. Theatre Production/Stage Management major or "C" (2.0) or better in TPA 2000. Development, theory, and practice of all areas of technical theatre production. Fall, Spring.

TPA 2200L CAH-THEA 1(0,6) Intro to Technical Theatre Lab: PR: or CR: TPA 2200. Practical projects in scenic construction. Fall, Spring. M&S fee $45.00


TPA 2210L CAH-THEA 1(0,6) Stagecraft I Lab: PR: or CR: "C" (2.0) or better in TPA 2210. Practical projects in scenic construction. Occasional. M&S fee $45.00

TPA 2211 Stagecraft II: PR: "C" (2.0) or better in TPA 2210 and TPA 2210L. Hand-drafting, properties design, and construction. Spring.

TPA 2211L CAH-THEA 1(0,6) Stagecraft II Lab: PR: "C" (2.0) or better in TPA 2210 and TPA 2210L. CR: TPA 2211L. Practical projects in Theatre and property construction. Occasional. M&S fee $45.00

TPA 2220C CAH-THEA 3(2,2) Stage Electronics: PR: "C" (2.0) or better in THE 2081C and BFA Design and Technology or Stage Management major. Introduction to electronics for the stage, including electricity, lighting equipment and sound equipment. Fall. M&S fee $44.00

TPA 2230C CAH-THEA 3(2,2) Costume Construction: PR: BFA Design and Technology or Stage Management major. Lecture/laboratory study of the basic techniques used in the construction of stage costumes. Fall, Spring. M&S fee $22.00

TPA 2248C CAH-THEA 2(2,2) Makeup Techniques: PR: Theatre B.F.A. major or departmental consent. Theory and practice of stage makeup. Fall, Spring. M&S fee $17.00

TPA 2290L CAH-THEA 1(0,VAR) Theatre Participation/Production I: PR: Theatre major or minor. Participation in UCF Theatre productions. May be used in the degree program a maximum of 5 times. Fall, Spring. M&S fee $47.00

TPA 2600 CAH-THEA 3(3,0) Stage Management Basics: PR: "C" (2.0) or better in THE 2081C and BFA Design and Technology or Stage Management major. Functions and responsibilities of professional stage managers. Occasional.

TPA 3045C CAH-THEA 3(2,2) Costume Design for Theatre I: PR: BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305, TPA 2010C, and TPA 2071C. Projects in the fundamentals of costume design for the stage. Fall. M&S fee $37.00

TPA 3077C CAH-THEA 3(2,2) Scene Painting: PR: "C" (2.0) or better in TPA 2000C and TPA 2071C. Projects in scene painting techniques. Fall. M&S fee $70.00

TPA 3172 CAH-THEA 3(3,0) Flash, Bash, and Splash: Concerts, Wrestling, & Circus: PR: THE 2000 or THE 2081C or MUL 1020 or ENC 1102 or ARH 2051. Components of large-scale entertainment extravaganzas including but not limited to designers, technical developments, documentation, concepts, and venues. Occasional.

TPA 3185C CAH-THEA 3(3,0)VAR Summer Theatre Studio/Design/Acting I: PR: Departmental consent by audition or interview. Study, analysis and execution of technical/design aspects for playscripts produced on UCF mainstage. May be repeated for credit. Occasional. M&S fee $20.00

TPA 3197L CAH-THEA 3(3,0)VAR Summer Theatre Studio/Design/Acting II: PR: Departmental consent by audition or interview. Continuation of TPA 3195L. May be repeated for credit. Occasional. M&S fee $20.00

TPA 3223C CAH-THEA 3(2,2) Lighting Design for Theatre I: PR: BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305, TPA 2220C, TPA 2000C, and TPA 4250C. Projects in the fundamentals of lighting design for the stage. Spring. M&S fee $61.00

TPA 3249C CAH-THEA 2(2,2) Advanced Makeup Techniques: PR: "C" (2.0) or better in TPA 2248C. Lecture/laboratory study of basic techniques needed for the creation of stage and film prosthetics and masks. Occasional. M&S fee $20.00

TPA 3265C CAH-THEA 3(2,2) Sound Design for Theatre I: PR: BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305, TPA 2220C, TPA 2000C, and TPA 4250C. Projects in the fundamentals of sound design for the stage. Spring.

TPA 3383C CAH-THEA 2(2,4) Topics in Technical Theatre: PR: TPA 2220C. Techniques used in the production of scenery or costumes for the stage. Variable Topics. May be used in the degree program a maximum of 5 times. Occasional. M&S fee $35.00

TPA 3391C CAH-THEA 3(2,2) Costume Design for Theatre II: PR: "C" (2.0) or better in TPA 3045C. A continuation of TPA 3045C. Spring.

TPA 4061C CAH-THEA 3(2,2) Scenic Design for Theatre II: PR: "C" (2.0) or better in TPA 3045C. Project scenic design work with an emphasis on design visualization, communication and professional standards and practices. Spring. M&S fee $37.00

TPA 4066C CAH-THEA 3(2,2) Advanced Scenography: PR: "C" (2.0) or better in TPA 3060C, TPA 3045C, TPA 3265C, or TPA 3223C. Projects based on work and study of concentration or the degree program. May be repeated for credit. Occasional.

TPA 4224C CAH-THEA 3(2,2) Lighting Design for Theatre II: PR: "C" (2.0) or better in TPA 3223C. Project lighting design work with an emphasis on visualization of design concepts, professional graphics, and paperwork standards and practices. Occasional. M&S fee $37.00

TPA 4250C CAH-THEA 3(2,2) CADD for Theatre: PR: Design and Technology or Stage Management major. "C" (2.0) or better in THE 2081C. Computer-aided drafting and design and its application for Theatre. Occasional. M&S fee $23.00

TPA 4251C CAH-THEA 3(2,2) Advanced CADD for Theatre: PR: "C" (2.0) or better in TPA 4250C. Advanced computer-aided drafting and design and its application for Theatre. Fall. M&S fee $43.00

TPA 4264C CAH-THEA 3(2,2) Sound Design for Theatre II: PR: "C" (2.0) or better in TPA 3265C. Project sound design work with an emphasis on design communication and professional standards and practices. Occasional.

TPA 4305L CAH-THEA 10(0,VAR) Theatre Participation-Production II: PR: "C" (2.0) or better in TPA 2200L. Participation in UCF Theatre Productions. May be used in the degree program a maximum of 5 times. Fall, Spring. M&S fee $47.00

TPA 4384C CAH-THEA 3(3,4) Advanced Topics in Technical Theatre: PR: "C" (2.0) or better in TPA 2210L and TPA 2211L. Variable topics which may include Technical Direction or other advanced topics. May be used in the degree program a maximum of 4 times. Occasional. M&S fee $35.00

TPA 4400 CAH-THEA 3(3,0) Theatre Management: PR: "C" (2.0) or better in THE 2081C and Junior standing. Restricted to theatre majors or Departmental consent. Study of the development, organization, management, funding, and promotion of theatre programs. Additional emphasis placed on management theory and style. Fall.

TPA 4401C CAH-THEA 3(2,2) Theatre Careers in Production: PR: B.F.A. Design/ Tech or Stage Management; Junior standing. Techniques to secure employment in technical theatre, design, and stage management. Spring.

TPA 4602 CAH-THEA 3(3,0) Advanced Stage Management: PR: B.F.A. Stage Management major, "C" (2.0) or better required in TPA 3601. Skills necessary for stage managers in contemporary entertainment. Fall.

TPA 5029C CAH-THEA 3(2,2) Lighting Design Studio: PR: TPA 5042C and TPA 5052C. Advanced work in the process of designing light for the stage with an emphasis on the use of light as artistic expression. Occasional.

TPA 5042C CAH-THEA 3(2,2) Costume Design Studio: PR: Admission to the graduate program in Theatre or C.I. An advanced studio course in the conceptualization and communication of scenic designs for the theatre. Spring.

TPA 5062C CAH-THEA 3(2,2) Scene Design Studio: PR: Graduate status or C.I. Advanced work in the conceptualization and communication of scenic designs for the theatre. Spring.

TPA 5081C CAH-THEA 3(3,3) Design Concepts for Youth Theatre: PR: Admission to the graduate program in Theatre or C.I. A study of design elements (lighting, costume, set) as they apply to youth theatre. Odd Spring.

TPA 5095C CAH-THEA 1(1,1)
Rendering for Theatre I: PR: Admission to the graduate program in Theatre or C.I. Traditional visual communication skills necessary for scenic, costume, and lighting design. Fail.

TPA 5175C CAH-THEA 1(1,1)

TPA 5345C CAH-THEA 2(2,2)
2D Computer-Assisted Design for Theatre: PR: Admission into the Theatre MFA Design track. Two-dimensional computer drafting and editing techniques applicable to theatre design. Occasional.

TPA 5346C CAH-THEA 2(2,2)
3D Modeling for Theatre: PR: TPA 5345C. Three-dimensional computer modeling and editing techniques applicable for theatre design. Occasional.

TPA 5405 CAH-THEA 3(3,0)
Theatre Management for Non-Majors: PR: THE 2020 or THE 2000, graduate status, or C.I. Study of university, community and professional theatre management with special attention to the principles of management to include management skills/function and organizational systems/performance as they relate to theatre organizations/institutions. Fail.

TPA 5885C CAH-THEA 2(2,2)
Puppetry: PR: Admission to MFA graduate program or C.I. Puppetry as an art form in design and performance. Odd Spring. M&S fee $30.00

TPA 5946C CAH-THEA 1(0,20)
Design Practicum I: PR: Admission into the MFA Design program. Practical experience as a member of the production team as a prop master or assistant scenic, costume, lighting, or sound designer. Occasional.

TPA 5949C CAH-THEA 1(0,20)
Design Practicum II: PR: Admission into the graduate program and TPA 5946C or C.I. Advanced work in the practical application of Properties and/or Design for the Theatre. Occasional.

TPP 2101 CAH-THEA 3(3,0)
Fundamentals of Acting: PR: BA Theatre Studies major, BFA Design & Technology major, BFA Stage Management major or Theatre minor. Development of imagination, self-awareness and the ability to execute basic stage tasks. Fall, Spring.

TPP 2110C CAH-THEA 3(2,2)
Acting I - Introduction: PR: B.F.A. Theatre major and "C" (2.0) or better in THE 2081C. Development of imagination, self-awareness, and the ability to execute basic stage tasks. Fall, Spring.

TPP 2170C CAH-THEA 3(2,2)
Acting II - The Actor Prepares: PR: "C" (2.0) or better in TPP 2110C. Fundamental techniques to acting, with emphasis on characterization and character development. Fall, Spring.

TPP 2185 CAH-THEA 3(3,0)
Acting for Non-majors: Introduction to the fundamentals of acting. Fall, Spring.

TPP 2190L CAH-THEA 1(0,VAR)
Theatre Participation-Performance I: PR: Theatre minor or major with department consent. Participation in UCF Theatre productions. May be repeated for credit. Fall, Spring. M&S fee $48.00

TPP 2700C CAH-THEA 3(2,2)
Stage Speech/Voice: PR: BA Theatre major or minor and "C" (2.0) or better in THE 2081C. Practical stage voice as it applies to performance. Credit cannot be applied towards BFA acting and musical theatre majors. Spring.

TPP 2710C CAH-THEA 2(2,1)

TPP 3103 CAH-THEA 3(3,0)
Intermediate Acting: PR: B.A. Theatre Studies major, BFA Design & Technology major, BFA Stage Management major or Theatre minor and "C" (2.0) or better in TPP 2101. Practice and execution of scene work, monologue work, and exercises. Fall, Spring.

TPP 3173C CAH-THEA 3(2,2)
Acting III - Building the Character: PR: Grade of C (2.0) or better required in TPP 2170C. Reinforcement of acting techniques begun in Acting II, with emphasis on characterization and character development. Spring.

TPP 3197L CAH-THEA 3(0,VAR)
Summer Theatre/Performance: PR: Audition/Interview or departmental consent. Preparation assignments and responsibilities during the rehearsals/performances of play scripts produced on the UCF mainstage. May be used in the degree program a maximum of 8 times. Occasional. M&S fee $25.00

TPP 3251 CAH-THEA 3(2,2)
Musical Theatre Acting I: PR: B.F.A. Musical Theatre major, and C (2.0) or better in TPP 2110C. Practical acting techniques within solo musical theatre repertoire. Fall.

TPP 3252 CAH-THEA 3(3,0)
Musical Theatre Acting II: PR: B.F.A. Musical Theatre major, and C (2.0) or better in TPP 3251. Practical acting technique as it applies to musical theatre scene study. Spring.

TPP 3257C CAH-THEA 2(2,2)
Musical Theatre Voice I: PR: B.F.A. Musical Theatre or B.F.A. Acting major and "C" (2.0) or better in THE 2081C. Craft of singing including anatomy, physiology, and diction utilizing musical theatre repertoire. Spring.

TPP 3258C CAH-THEA 2(2,2)
Musical Theatre Voice II: PR: B.F.A. Musical Theatre major, and C (2.0) or better in TPP 3257C. Artistry of singing including function of music and lyrics, and problems in song interpretation utilizing musical theatre repertoire. Fall.

TPP 3264C CAH-THEA 3(2,2)
Acting on Camera: PR: BA Theatre major, "C" (2.0) or better in TPP 2101, TPP 3103, and THE 2081C. Preparing the actor for professional work in the TV/Film industry. Occasional.

TPP 3310C CAH-THEA 3(2,2)
Directing for Theatre I: PR: Theatre majors, Junior Standing, and C (2.0) or better required in THE 3121. Principles and techniques of play direction to include script selection, directional analysis, casting, composition/picturization, blocking, tempo, and rehearsal planning. Fall, Spring.

TPP 3510C CAH-THEA 2(1,1)
Movement for the Actor I: PR: BFA Acting Major. Physical exploration of relaxation, release, and strengthening exercises designed to help the actor develop a more expressive body. Fall.

TPP 3513C CAH-THEA 2(1,1)
Movement for the Actor II: PR: C (2.0) or better in TPP 3510C. Reinforcement of the techniques of TPP 3510C. Fall.

TPP 3711C CAH-THEA 2(2,1)
Voice Production II: PR: "C" (2.0) or better in TPP 2710C. Reinforcing stage voice awareness introduced in TPP 2710C, focusing on a physical approach to acting texts. Spring.

TPP 3712C CAH-THEA 2(2,1)
Voice Production III: PR: "C" (2.0) or better in TPP 3711C. Emphasis on study of Shakespearean and heightened language. Fall.

TPP 3952L CAH-THEA 3(0,VAR)
Summer Studio/Performance: PR: Audition/Interview or departmental consent. Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. Occasional. M&S fee $25.00

TPP 4140C CAH-THEA 3(2,2)
Acting IV - Creating the Role: PR: "C" (2.0) or better in TPP 3173C. Continued exploration and application of acting techniques through scene study. Fall.
UCF Courses and Descriptions

TPP 4730C CAH-THEA 2(2,1) Diacritics: PR: Grade of 'C' (2.0) or better required in TPP 3711C. Analysis of dialects and regionalisms, research in study of phonetics, placement, and vocal apparatus. Occasional.

TPP 4746C CAH-THEA 2(2,2) Musical Theatre Repertoire: PR: Theatre major and grade of 'C' (2.0) or better in TPP 3257C. Advanced musical theatre, musical theatre repertoire in preparation for professional and audition. May be used in the degree program a maximum of 6 times. Occasional.

TPP 4923C CAH-THEA 2(2,2) Musical Theatre Voice IV: PR: 'C' (2.0) or better in TPP 4256C. Continuation of diagnosis and development of the singing voice using pater song, in-context and out-of-context presentation, stylization utilizing musical theatre repertoire. Individualized instruction. Fall.

TPP 4940L CAH-THEA 6(0,VAR) Theatre Internship: PR: Restricted to B.F.A. Theatre majors, and Junior Standing and subject to Departmental approval. Off-campus internship programs in professional theatre. Required of all B.F.A. theatre majors. Fall, Spring.

TPP 5125C CAH-THEA 2(2,2) Improvisation Studio: PR: Acting for Youth Theatre. A study of spontaneous dramatic play and theatre exercises design, revision of musical theatre, creative freedom and resources for the stage and classroom. Odd Fall.

TPP 5156C CAH-THEA 3(2,2) Acting Studio II: PR: TPP 5156C. Advanced scene study course applying acting methodologies to the works of contemporary American plays. Fall.

TPP 5156C CAH-THEA 3(2,2) Acting Studio II: PR: TPP 5156C. Advanced scene study course applying acting methodologies to the works of modern (c.1880-) European playwrights with emphasis on the works of Ibsen/Chicheley/Strauss. Fall, Spring.

TPP 5246C CAH-THEA 2(2,2) Circus Arts: PR: Admission to Theatre graduate program or C.I. Circus skills and history. Even Spring.

TPP 5248C CAH-THEA 2(2,2) Storytelling as a Theatrical Art Form: PR: Admission to Theatre graduate program or C.I. Application of storytelling as an art form. Spring.

TPP 5273 CAH-THEA 2(2,0) Musical Theatre Acting I: PR: TPP 5157C. Integrated study in musical theatre acting, singing, and movement applied to musical theatre performance, direction and choreography; emphasizing developing skills in textual and musical interpretation. Occasional.

TPP 5278C CAH-THEA 1(1,1) Musical Theatre Lab: PR: TPP 5157C. Practical course in developing musical theatre skills for the actor. Spring.

TPP 5289C CAH-THEA 2(2,3) Acting Methodologies: PR: Admission to the graduate program in Theatre or C.I. Approaches to acting. Even Fall.

TPP 5306C CAH-THEA 3(3) Directing for Young Audiences: PR: THE 3510 and THE 3565. Study of the principles, procedures, and practices of stage direction as it applies to theatre for young audiences. Odd Spring.

TPP 5515 CAH-THEA 2(2,0) Movement Studio I: PR: Admission to MFA Performance Program. Graduate level course in principles and methods of movement for the stage focusing on gaining specific knowledge and skills in period styles of movement and basic unarm combat. Spring.

TPP 5516C CAH-THEA 2(2,1) Movement Studio II: PR: TPP 5515 or C.I. Principles and methods of movement for the stage focusing on gaining specific knowledge and skills in period styles of movement and basic unarm combat. Spring.


TPP 5555C CAH-THEA 2(2,4) Musical Theatre Dance II: PR: TPP 5554C. Advanced dance study with particular emphasis on the development and expression of characteristic in dance. Spring.

TPP 5715C CAH-THEA 2(2,1) Stage Voice I: PR: Admission to MFA performance program. An introduction/review class examining the fundamentals of speaking on stage, the correct production of sound, breathing, relaxation of physical tension, and articulation. Fall.

TPP 5716C CAH-THEA 2(2,1) Stage Voice II: PR: Admission to the MFA Performance program and TPP 5715C. C.I. Continuation of Graduate Voice Production I, studying Skinner's narrow transcription with consonants, review of all Linklater work, and introduction to the work of Arthur Lessac. Spring.

TPP 5754 CAH-THEA 2(2,0) Musical Theatre Voice I: PR: Admission to MFA Musical Theatre program. Voice study devoted to the diagnosis and development of the singing voice and its application to musical theatre performance placing particular emphasis upon vocal technique. Fall.

TPP 5935C CAH-THEA 2(2,2) Contemporary Practices in Youth Theatre: PR: Admission to MFA graduate program or C.I. Investigation of a particular subject in youth theatre. May be used in the degree program a maximum of 5 times. Odd Spring.

TSL 3346 CAH-LANG 3(3,0) English as an International Language: PR: Grade of 'C' (2.0) or better. Two semesters of college-level foreign language. Focus on English as it relates to native and non-native speakers. Topics include grammar, pronunciation, cross-cultural issues, and details about teaching English worldwide. Fall, Spring.

TSL 4080 ED-TL&L 3(3,0) Theory and Practice of Teaching ESOL Students in Schools: PR: Junior standing or C.I. Students majoring in Education with concentration in Language Education, Teacher Education, or C.I. Focuses on methods of teaching English to Speakers of Other Languages (ESOL). ESOL curriculum and materials, cross-cultural understanding, applied linguistics in second language teaching, and test and evaluation of ESOL. Fall, Spring.

TSL 4240 CAH-LANG 3(3,0) Issues in Second Language Acquisition: PR: TPP 4080. English phonology, morphology, syntax, and semantics, for future teachers. Fall, Spring.

TSL 4363 CAH-LANG 3(3,0) ESL Classroom Experiences: PR: TSL 3460 (5- or better). Practical instruction and experiences for future teachers of English conversation. Includes micro-teaching in class as well as 25 hours of experience working with non-native speakers. Spring.

TSL 4942 ED-TL&L 3(3,0) ESOL Field Experience: PR: TSL 4080. Practical application of research and theory on teaching and assessing academic subjects to second language (L2) learners in grades Pre-K-12. Fall, Spring.


TSL 4945 ED-TL&L 3(3,0) ESOL Field Experience: PR: TSL 4942 and TSL 4943. Practical application of research and theory on teaching and assessing academic language and disciplinary literacy to second language (L2) learners in grades Pre-K-12. Fall, Spring.

TSL 5085 ED-TL&L 3(3,0) Teaching Language Minority Students in K-12 Classrooms: PR: Admission to the College of Education Master of Arts Program or C.I. Teaching K-12 limited English proficient (LEP) students. Florida standards regarding cross-cultural communication, ESOL curriculum, materials, ESOL methodologies, testing and evaluation of ESOL students, applied linguistics. Fall, Spring.

TSL 5325 CAH-LANG 3(3,0) ESOL Strategies: PR: Graduate status or senior standing or C.I. This course will survey cross-cultural communication and understanding, testing and evaluation, curriculum and methods of teaching ESOL to meet the needs of limited English proficient students. Occasional.

TSL 5345 ED-TL&L 3(3,0) Methods of ESOL Teaching: PR: MFA Musical Theatre. This course is designed to develop understanding, knowledge and skills of the current methods used in the teaching of ESOL. Fall, Spring.

TSL 5736 CAH-LANG 3(3,0) Reading and Writing in a Second Language: PR: Graduate standing or C.I. Theoretical and pedagogical approaches to ESOL reading and writing. Occasional.

TSL 5380 CAH-LANG 3(3,0) Computers and Technology for ESOL: PR: Grade of 'C' (2.0) or better in TSL 3920. C.I. Advanced study of computer-assisted language learning, as well as design and evaluation of software and websites for learning English as a second language. Occasional.

TSL 5525 ED-TL&L 3(3,0) ESOL Cultural Diversity: This course is designed to help identify major cultural groups represented by the LEP population in Florida schools and to understand their special needs. Occasional.

TSL 5601 CAH-LANG 3(3,0) Second Language Vocabulary Learning: PR: Grade of 'C' (2.0) or better. Three functional classifications are designed to develop understanding, knowledge and skills regarding cross-cultural communication, ESOL curriculum, materials, and vocabulary syllabus design. Spring.

TSL 5940 CAH-LANG 3(3,0) Issues in TEFL: PR: Graduate status or senior standing or C.I. Address issues specifically related to TEFL, such as materials adaptation, teaching in multi-classroom, classroom designs, cultural issues, and curriculum syllabus design. Spring.

TTE 3810 ECS-CECE 3(2,2) Highway Engineering: PR: STA 3032 with a grade of 'C' (2.0) or better. Three functional classifications are covered: planning, design and operation of transportation facilities. Emphasis is on the highway transportation mode. Fall, Spring.

TTE 4274 ECS-CECE 3(3,0) Transportation Engineering Systems: PR: TTE 3810 with a grade of 'C' (2.0) or better. Topics such as safety, Intelligent Transportation Systems, and airport transportation will be covered. Fall, Spring.

TTE 4601C ECS-CECE 3(2,2) Urban Systems Design: PR: TTE 3810 or C.I. Study of urban issues specifically related to TEFL, such as materials adaptation, teaching in multi-classroom, classroom designs, cultural issues, and curriculum syllabus design. Spring.

TTE 5805 ECS-CECE 3(3,0) Geometric Design of Transportation Systems: PR: TTE 3810 or C.I. Study of highway geometric design in the engineering of transportation systems. Occasional.

TTE 5835 ECS-CECE 3(3,0) Pavement Design: PR: CEG 4011C. Pavement types, wheel loads, stresses in pavement components; design factors such as traffic configurations, environment, and economy. Occasional.
VIC 3001 COS-COMM  3(3,0)
Visual Communication: PR: Either SPC 1608, SPC 1702 or COM 1000, or C.I. A study of human visual systems and influences of visual media on modern society. Fall, Spring.

WOH 2012 CAH-HIST  3(3,0)
World Civilization I: A topical approach to the study of the rise and decline of world civilizations from the first intelligible to the great civilizations of medieval times. Fall, Spring.

WOH 2012H CAH-HIST  3(3,0)
Honors World Civilization I: PR: Permission of Honors. The rise and decline of world civilizations from antiquity to the great civilizations of medieval times. Honors content. Occasional.

WOH 2022 CAH-HIST  3(3,0)
World Civilization II: Rise of modern civilization from 1500 to the present, with an emphasis on the confrontation between the Western and non-Western spheres of civilization. Fall, Spring.

WOH 2022H CAH-HIST  3(3,0)
Honors World Civilization II: PR: Permission of Honors. Rise of modern civilization from 1500 to the present, with an emphasis on the confrontation between the Western and non-Western spheres of civilization. Honors content. Occasional.

WOH 4272 CAH-HIST  3(3,0)
Age of Atlantic revolutions 1763-1820: AMH 2010 or C.I. Compares origins, development, and outcomes of the American, French, Latin American, and Haitian Revolutions. Occasional.

WST 3015 CAH-WOM  3(3,0)
Introduction to Women's Studies: PR: ENC 1102 or C.I. Interdisciplinary course introducing students to key issues and problems regarding women and gender relations in past and present societies. Fall, Spring.

WST 3015H CAH-WOM  3(3,0)

WST 3020 CAH-WOM  3(3,0)
Girls' Studies: PR: ENC 1102 or C.I. Focuses on women and girls in the United States and around the world. Fall, Spring.

WST 3371 CAH-WOM  3(3,0)
Women and Leadership: PR: ENC 1102. Focus on women leaders in historical and contemporary perspective.炎热女性领导者在历史和当代视角中。Occasional.

WST 3460 CAH-WOM  3(3,0)
Women, Race and Struggle: PR: ENC 1102 or C.I. Interdisciplinary study of issues, perspectives, and scholarship by and about women of color. Occasional.

WST 3460H CAH-WOM  3(3,0)

WST 3500 CAH-WOM  3(3,0)
Gender Issues and Community Activism: PR: WST 3015 or C.I. Focuses on gender issues and community activism. Fall, Spring.

WST 3561 CAH-WOM  3(3,0)
Third Wave Feminism: PR: WST 3015. Third wave feminist theories and practices with an activist focus. Even Spring.

WST 3621 CAH-WOM  3(3,0)
Theories of Masculinity: PR: ENC 1102. Masculinity from prehistoric to contemporary time, including class, sex, sexuality, and violence, as well as constructions of masculinity in sports, family, and other institutions. Occasional.

WST 4002 CAH-WOM  3(3,0)
Research in Women and Gender Studies: PR: WST 3015 and Honors. Examines issues of race, class, sexuality, and violence, as well as constructions of masculinity in sports, family, and other institutions. Occasional.

WST 4021 CAH-WOM  3(3,0)

WST 4022 CAH-WOM  3(3,0)

WST 4023 CAH-WOM  3(3,0)

WST 4349 CAH-WOM  3(3,0)

WST 4415 CAH-WOM  3(3,0)

WST 5347 CAH-WOM  3(3,0)
Research in Women and Gender Studies: PR: Graduate standing in gender studies, or C.I. Focuses on research methodology and the development of gender theories. Service learning component. Occasional.

WST 5601 CAH-WOM  3(3,0)
Theories in Gender Studies: PR: Graduate standing. Examines the construction of gender in various contexts. Even Fall.

ZOO 3701C COM-BSBS  3(1,4)
Human Gross Anatomy & Dissection Techniques: PR: ZOO 3733C. Study of the human body to teach students the skills required for the preparation of three dimensional medical(s).Practicum. The primary student population should be junior/senior pre-health professional majors. In the Spring, students must earn $70.00.

ZOO 3713C COS-BIOL  5(3,6)
Comparative Vertibrate Anatomy: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2101C, or C.I. Emphasis on the vertebrate body including gross anatomy, regional anatomy, and histology. Fall. M&S fee $65.00.

ZOO 3733C COM-BSBS  4(3,3)
Human Anatomy: PR: BSC 2010C or equivalent. Structure of the human body. Fall, Spring. M&S fee $60.00.

ZOO 3733C COM-BSBS  4(3,3)
Honors Human Anatomy: PR: BSC 2010C or equivalent Consent of Honors. Basic and functional anatomy in a clinically oriented way, to study systems within the human body. The lab component of this honors course provides enrichment and an opportunity to view cadaver specimens. With Honors Content. Spring. M&S fee $60.00.

ZOO 3736C COM-BSBS  4(3,2)

ZOO 3744 COM-BSBS  3(3,0)
Neurobiology: PR: BSC 2101C. Basic principles governing the physiology of the nervous system. Fall, Spring.

ZOO 3755C COM-BSBS  4(3,1)
Introductory Histology: PR: PCB 3703C or ZOO 3733C or equivalent. Basic principles of tissue staining, microscopic examination of tissue, and other basic concepts. An introduction to the formation and structure of the four basic human tissues: epithelium, connective tissue, muscle and nervous. Fall, Spring.

ZOO 4025C COS-BIOL  4(3,3)
Biological and Ecological Study of Metazoan Invertebrates: PR: A "C" (2.0) or better in all the following: BSC 2101C, BSC 2111C, and PCB 3044, or C.I. Anatomy, ecology, taxonomy, behavior, evolution, and physiological and historical relationships of the invertebrates. Fall, Odd Fall, Odd Spring.

ZOO 4310C COS-BIOL  4(2,6)
Vertebrate Evolution & Ecology: PR: A "C" (2.0) or better in all the following: BSC 2101C, BSC 2111C, PCB 3044, and PCB 3063, or C.I. Vertebrate Evolution and Ecology, the vertebrates,分类学 and evolutionary biology. Examines the ecology and evolutionary processes of the vertebrates. Fall, Even Spring.

ZOO 4480 COS-BIOL  4(4,0)
Mammalogy: PR: A "C" (2.0) or better in both BSC 2101C and BSC 2111C, or C.I. Diversity and biology of mammals from an evolutionary perspective. Even Spring.

ZOO 4513 COS-BIOL  3(3,0)
Animal Behavior: PR: A "C" (2.0) or better in PCB 3044. Studies of the current ideas in animal behavior, including the mechanism of behavior and evolutionary explanations. Even Fall.

ZOO 4603C COS-BIOL  5(3,4)
Embryology/Development: PR: A "C" (2.0) or better in PCB 3063 and PCB 3023, or C.I. Concepts of development of the vertebrates. Fall, Spring.

ZOO 4605 COS-BIOL  3(3,0)

ZOO 4742 COS-BIOL  3(3,0)

ZOO 4743C COM-BSBS  4(3,1)
Clinical Neuroanatomy and Neuroscience: PR: ZOO 3733C with a B (3.0) or better. Basic and applied neuroscience with an emphasis on normal function and pathologic states of the nervous system relevant to practice of general medicine and/or neuroscience. Fall.

ZOO 4743C COS-BIOL  4(3,2)
Honors Clinical Neuroanatomy: PR: ZOO 3733C and Honors Consent. Basic and applied neuroscience with an emphasis on normal function and pathologic states of the nervous system relevant to practice of general medicine and/or neuroscience. Fall.

ZOO 4747C COM-BSBS  4(3,1)
Honors Clinical Neuroscience: PR: ZOO 3744 or ZOO 4743C and consent of Honors. Clinically oriented neuroscience courses that explore selected topics in neuropharmacology, neuro-ontology, neurommunology, neuro-pathology, neurodiagnostics, and neurodiagnostics with Honors content. Spring.
ZOO 4747C COM-BSBS 4(3,1) Clinical Neuroscience: PR: ZOO 3744 or ZOO 4743C. Clinically oriented teachings in major neuroscience areas including selected topics in neuropathology, neuro-oncology, neuroimmunology, neuropharmacology, and neurodiagnostics. Spring.

ZOO 4753C COM-BSBS 4(3,3) Vertebrate Histology: PR: ZOO 3733C. Microanatomical detail plus appropriate developmental and functional considerations of major cell types, primary tissues, organs, and organ systems. Survey of modern animal-tissue microtechnique. Spring. M&S fee $25.00

ZOO 5456C COS-BIOL 4(2,6) Ichthyology: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Introduction to the biology of the fishes, their classification, evolution, and life histories. Occasional. M&S fee $25.00

ZOO 5463C COS-BIOL 4(2,4) Herpetology: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Introduction to the biology of the amphibia and reptiles, their classification, evolution, and life histories. Odd Spring. M&S fee $60.00

ZOO 5475L COS-BIOL 3(0,6) Field Ornithology: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Introduction to the identification, taxonomy, natural history, and biology of birds, with emphasis on survey techniques and systematics. Occasional. M&S fee $30.00

ZOO 5486 COS-BIOL 4(4,0) Mammalogy: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Study of the diversity and biology of mammals from an evolutionary perspective. Even Spring.

ZOO 5745C COM-BSBS 4(3,3) Essentials of Neuroanatomy: PR: Human/Comparative Anatomy, or Human/Animal Physiology or C.I. Fundamental concepts of both morphological and functional organization of the nervous system. Primary emphasis on human structure. Occasional. M&S fee $15.00

ZOO 5748C COM-BSBS 5(3,2) Clinical Neuroanatomy: PR: ZOO 3733C Human Anatomy. Provides the necessary knowledge to understanding the complexities of human nervous system, its normal and pathologic functions, relevant to practice of general medicine and/or neuroscientists. Fall.

ZOO 5749C COM-BSBS 5(3,2) Clinical Neuroscience: PR: ZOO 3733C and ZOO 3744, or ZOO 3733C and ZOO 4743C or ZOO 5748C, or equivalents. Clinically oriented teachings of neuroscience areas including selected topics in neuropathology, neuro-oncology, neuroimmunology, neuropharmacology, and neurodiagnostics. Spring.
ALDERMAN, BARBARA, Assistant Librarian (2002), B.A. M.S. (Florida State University)
ALEXANDRAKI, IRENE, Associate Professor of Internal Medicine (2013), M.D. (National Kapodistrian University of Athens)
ALLEN, DARRYL E., Lecturer of Accounting (2003), B.B.A., M.B.A., Ph.D. (George Washington University)
ALLEN, DAWN, Instructor and Clinical Coordinator, College of Nursing (2011), M.S.N. (University of Central Florida)
ALLEN, FRANK R., Associate Director for Administrative Services (1998), B.A., B.S., M.B.A., M.L.S. (University of Tennessee)
ALLEN, JEFFERY W., Associate Professor of Marketing (1990), B.S., M.B.A., D.B.A. (University of Kentucky)
ALLEN, KAY W., Associate Professor, College of Education & Human Performance (1990), B.S., M.Ed., Ph.D. (University of Southern California)
ALLRED, KELLY, Assistant Professor and Undergraduate Coordinator, College of Nursing (2007), B.S.N., M.S.N., C.N.E., Ph.D. (University of Central Florida)
ALMEIDA, JOHN A., Associate Professor of Music (1997), B.M., M.A. (Appalachian State University)
ALTOMARE, DEBORAH, Assistant Professor (2009), Ph.D. (Rutgers University)
AMBIVERO, CAMILLA, Visiting Instructor (2013), Ph.D. (University of Central Florida)
AMBROSE, MAUREEN L., Professor of Management (1999), B.A., A.M., Ph.D. (University of Illinois at Urbana-Champaign)
AMEZCUA-CORREA, RODRIGO, Research Assistant Professor of Optics (2011), Ph.D. (Optoelectronics Research Centre (ORC), University of Southampton)
AN, LINAN, Professor of Materials Science and Engineering (2001), Ph.D. (Lehigh University)
ANDERSON, POLLY, Executive Director, WUCF-TV (1980), B.A. (University of South Florida)
ANDERSON, RANDY I, Howard Phillips Eminent Scholar Chair of Real Estate and Professor of Real Estate (2008), B.A., Ph.D. (University of Alabama)
ANDERSON, THADEUES A., Assistant Professor of Music (2009), B.M.E., M.M., D.M.A. (University of Texas)
ANDREASEN, JANET, Instructor/ Coordinator, College of Education & Human Performance (2005), B.S., M.A., Ed.D. (University of Central Florida)
ANDREWS, DIANE, Associate Professor, College of Nursing (2006), M.S.N., Ph.D. (University of Central Florida)
ANGELL, SARAH, Visiting Instructor of Electrical Engineering and Computer Science (2013), M.S. (University of Central Florida)
ANGELOPOULOS, THEODORE, Professor in Physical Therapy and Health Sciences (1998), B.S., M.S., M.P.H., Ph.D. (University of Pittsburgh)
ANGLEY, PATRICIA, Associate Lecturer of English (1998), B.A., M.A., Ph.D. (University of Hawaii)
ANTHONY, AMANDA, Assistant Professor of Sociology (2011), B.A., M.S., Ph.D. (Florida State University)
APPEL, J. D., Associate Professor of English (1997), B.S., M.F.A., Ph.D. (University of Arizona)
ARENS, ASHLEY, Clinical Assistant Professor, College of Medicine (2013), B.S., M.A., Ph.D. (University of South Dakota)
ARMENTI, VINCE, Professor of Anatomy (2003), M.A., Ph.D. (Thomas Jefferson University)
ARNOLD, VICKY J., Chairholder, Ernst & Young Professorship and Professor of Accountancy (2013), B.A., B.M.A, Ph.D. (University of Fayetteville)
AROIAN, KAREN, Professor, College of Nursing (2009), F.A.A.N., B.S., M.S., Ph.D. (University of Washington)
ARTHUR, MICHAEL A., Head, Acquisitions & Collections and Associate Librarian (2006), B.S., M.L.S., M.P.A. (Old Dominion University)
ASMAR, ABDU, Assistant Professor of Nephrology (2011), M.D. (Kauno Medicinos Universitetas)
ATIA, GEORGE, Assistant Professor of Electrical and Computer Engineering (2012), B.S., M.C., Sc., Ph.D. (Boston University)
AYOUNI, ULUC, Assistant Professor of Economics (2006), B.S., Ph.D. (University of California, Davis)
AZIMI, CYRUS, Lecturer of Psychology (2006), B.S., M.A., Ph.D. (Michigan State University)
BACH, PATRICIA, Clinical Assistant Professor and Psychology Director, Psychology Clinic (2012), Ph.D. (University of Nevada, Reno)
BAGLEY, GEORGE M., Associate Professor of Communication (1994), B.A., M.A., Ph.D. (University of Utah)
BAL, HAIYAN, Associate Professor, College of Education & Human Performance (2006), B.A., M.A., Ph.D. (University of Cincinnati)
BAL, IJANLI, Assistant Professor of Mechanical and Aerospace Engineering and Secondary Joint Assistant Professor of Materials Science and Engineering (2011), B.S., M.S., Ph.D. (Massachusetts Institute of Technology)
BAKER, BARRY B., Director, University Libraries (1997), B.A., M.L.S. (Louisiana State University)
BALAEFF, ALEXANDER, Assistant Professor of Nanoscience Technology and Physics (2012), Ph.D. (University of Illinois)
CLAUSEN, CHRISTIAN A., III, Professor of Chemistry (1969), B.S., Ph.D. (Louisiana State University)

CLEVENGER, DEAN J., Lecturer of Management (2007), B.B.A., M.B.A., Ph.D. (University of Massachusetts)

CLERCK, BYRON D., Professor and Director of SVAD (2013), M.F.A. (California State University at Fullerton)

COFFEE, CAROLE, Professor of Biochemistry (2010), Ph.D. (University of Kentucky)

COFFEY, KEVIN, Professor of Materials Science and Engineering (2002), Ph.D. (Massachusetts Institute of Technology)

COLBY, PETER W., Professor of Public Administration (1988), B.A., Ph.D. (Brandeis University)

COLDING, LINDA K., Associate Librarian (1999), B.A., M.A., M.S.L.S., D.P.A. (University of Alabama)

COLE, ALEXANDER, Professor, Coordinator of Biomedical Sciences Ph.D. (2003), Ph.D. (University of Medicine and Dentistry of New Jersey)

COLE, DWAYNE, Lecturer of Marketing (2011), B.S., M.S., MBA, Ph.D. (University of Syracuse)

COLLINS, STEVEN, Associate Professor of Communication (2003), B.A., M.A., Ph.D. (Syracuse University)

COLON MENDOZA, ILENIA, Assistant Professor of SVAD (2010), B.A., M.A., Ph.D. (Pennsylvania State University)

COLWELL, JOSHUA, Associate Chair and Professor of Physics (2006), Ph.D. (University of Colorado)


CONNER, NORMA, Assistant Professor, College of Nursing (2010), R.N., Ph.D. (Rutgers University)

CORDOLO, MARC, Lecturer of Legal Studies (2014), B.A., J.D. (University of Florida)

COOK, IDA J., Associate Professor of Sociology (1976), B.A., M.S., Ph.D. (North Carolina State University)

COOK, KATHY S., Internship Coordinator and Associate Lecturer of Legal Studies (1983), B.A., J.D. (University of Florida)

COOMBS, W. TIMOTHY, Professor of Communication (2010), B.A., M.A., Ph.D. (Purdue University)

COONEY, JAMES, Lecturer of Physics (2005), M.S., Ph.D. (University of Florida)

COOPER, C. DAVID, Professor of Civil, Environmental, and Construction Engineering (1980), B.S., M.S., Ph.D. (Clayson University, P.E. (Florida))

COOPER, LARRY, Lecturer of SVAD (2004), B.F.A., M.F.A. (University of Georgia)

CORONADO, KATIDIA, Visiting Instructor of Communication (2012), M.A. (Rollins College)

CORMAN, EDA M., Assistant Librarian (1999), B.A., M.L.S. (University of Puerto Rico)

CORTELYOU-WARD, KENDALL, Assistant Professor in Health Management & Policy (2007), B.S., M.S., Ph.D. (University of Central Florida)

CORSINE, JAY, Professor of Sociology (1998), B.A., M.A., Ph.D. (Washington University in St. Louis)

COVELLI, MAUREEN M., Associate Dean of Undergraduate Affairs and Associate Professor, College of Nursing (1989), M.S.N., Ph.D. (University of Florida)

COVERSTON, HARRY S., Lecturer of Humanities (2003), B.A., J.D., M.Div., Ph.D. (Florida State University)

COX, KAREN, Instructor of Psychology and Director of Advising Center (2000), B.F.A.M.A. (University of Central Florida)

Cox, Maria, Faculty Administrator, College of Education & Human Performance (2007), B.A., M.A., Ph.D. (University of Illinois)

COX, THOMAS, Assistant Professor, College of Education & Human Performance (2012), B.S., M.A., Ed.D. (University of Memphis)

CRAIG, SUSAN C., Lecturer of Criminal Justice (2003), B.S., M.Ed., Ph.D. (Pennsylvania State University)

CRAMPTON, WILLIAM G., Associate Professor of Biology (2001), B.A., Ph.D. (University of Oxford, U.K.)

CREPEAU, RICHARD C., Professor of History (1972), B.S., M.A., Ph.D. (Florida State University)

CRITTENDEN, GWENATHLYN, Visiting Instructor, College of Education & Human Performance (2012), B.S., M.S., Ed.S. (University of Central Florida)

CROES, ROBERTCO, Chair, Department of Tourism, Events and Attractions, Professor of Hospitality Management (2002), B.A., M.A., Ph.D. (University of Twente Netherlands)

CROFT, MAX, Research Associate, SVAD (2005), B.F.A. (Florida State University)

CRONON, CHRISTOPHER CHAD, Lecturer of Legal Studies (2011), B.A., M.A., J.D. (University of Florida)

CROPP, ANNE MCDONALD, Professor, College of Education & Human Performance (2005), B.S., M.A., Ph.D. (University of Florida)

CULP, REX, Professor, College of Education & Human Performance (2005), B.A., M.A., Ph.D., J.D. (University of Kansas)

DA VITORIA LOBO, NIELS, Associate Professor of Electrical Engineering and Computer Science (1993), B.Sc., M.Sc., Ph.D. (University of Toronto)

DAGHER, SAMIR P., Lecturer of Management (2011), B.A., M.B.A., Ph.D. (Ohio State University)

DAGLEY, MELISSA, Executive Director of ISTEM, COS/CCECS (2001), Ed.D. (University of Central Florida)

DAIRE, ANDREW, Associate Dean for Research & Strategic Initiatives and Professor, College of Education & Human Performance (2001), B.S., M.S., Ph.D. (Florida State University)

DAIS BROOK, EDMUND, Instructor of History (2007), B.A., M.A. Ph.D. (University of Chicago)

DANGIOLO, MARINA, Assistant Professor of Family and Geriatric Medicine (2010), M.D. (University de Buenos Aires)

DANIELSSON, PER, Associate Professor of Music (2007), B.A., M.M. (University of South Florida)

DANNEELS, ERWIN, Associate Professor of Management (2010), B.A., M.B.A., M.S., Ph.D. (Pennsylvania State University)

DAUDI, MOHAMMED, Instructor of Chemistry (2011), B.S., M.S. (University of Central Florida)

DARCY, AMY, Instructor of History (2004), B.A., M.A. (University of Central Florida)

DAS, TUHIN, Assistant Professor of Mechanical and Aerospace Engineering (2011), Ph.D., M.S., Ph.D. (Michigan State University)

DAVEY, DIANE, Assistant Dean of Graduate Medical Education and Professor of Pathology (2003), B.S., M.D. (Washington University)

DAVIDSON, VICTOR, Professor (2011), Ph.D. (Texas Tech University)

DE CRUZ, HELEN, Assistant Professor of Philosophy (2014), B.A., M.A., Ph.D. (University of Groningen)

DECECH, DAMIAN, Assistant Professor of Electrical Engineering and Computer Science (2001), B.S., M.S., Ph.D. (Texas A&M University)

DECKER, JONATHAN, Assistant Professor, College of Nursing (2010), R.N.P., F.N.P.-B.C., Ph.D. (University of Central Florida)

DEERY, TODD, Research Associate, FIEA (2006), B.A., M.A. (Stetson University)

DEL BARCO, ENRIQUE, Associate Professor of Physics (2006), Ph.D. (University of Barcelona, Spain)

DELYFT JR., PETER, University Board of Trustee Chair, Professor of Optics and Professor of Electrical and Computer Engineering (1993), M.Phil., Ph.D. (The City University of New York)

DELORME, DENISE E., Professor of Communication (1996), B.A., M.A., Ph.D. (University of Georgia)

DEMARIA, RONALD F., Professor of Electrical and Computer Engineering (1993), B.S., M.S., Ph.D. (University of Southern California), P.E. (California)

DENG, WEIWEI, Assistant Professor of Mechanical and Aerospace Engineering (2010), B.S., M.S., Ph.D. (Yale University)

DENNIS, LYNDA, Lecturer of Accounting (2011), B.S., MPA, Ph.D. (University of Central Florida)

DEO, NARASINGH, Professor of Electrical Engineering and Computer Science; Holder of the Charles N. Milican Chair in Computer Science (1986), B.Sc., M.S., Ph.D. (Northwestern University)

DEPPE, DENNIS G., Professor of Optics/FPCE Endowed Chair (2005), B.S., M.S., Ph.D. (University of Illinois)

DESAI, NAMAN, Assistant Professor of Accounting (2006), B.Comm., M.Acc., Ph.D. (Florida State University)

DESAIRAJU, RAMARAO, Associate Professor of Marketing (1999), B.Tech, Ph.D. (University of Florida)

DESMARAIS, PAUL, Lecturer, College of Nursing (2003), B.S.N., Ph.D. (University of Alabama)

DEVER, KIMBERLY, Instructor, College of Nursing (2010), M.S.N., R.N.-B.C. (Duquesne University)

DEXTER, NADINE, Director, Health Sciences Library (2008), M.L.S. (Florida State University)

DI CHIARA, DEBRA, Instructor, College of Nursing (2009), B.S.N., M.S.N. (University of Central Florida)

DIAZ, SILVIA, Instructor, College of Education & Human Performance (2000), B.S., M.S. (University of Miami)

DIBERNARDO, SABATINO, Lecturer of Religion, Philosophy, and Humanities (2001), B.A., M.A., M.Phil., Ph.D. (Syracuse University)

DICKIE, MARK T., Chair of Economics (2001), B.A., Ph.D. (University of Wyoming)

DICKSON, DUNCAN, Assistant Professor of Hospitality Management (2001), B.A., M.P.S., Ed.D. (University of Central Florida)

DIETER, LISA, Professor, College of Education & Human Performance (2003), B.A., M.A., Ph.D. (University of Wisconsin)

DIERCKSEN, CHRISTA, Lecturer of Biology (2012), Ph.D. (Boston University)


DILMAN TAYLOR, DILENA, Professor, College of Education & Human Performance (2013), B.A., M.Ed., Ph.D. (University of North Texas)

DINAPOLI, JOSEPH, Associate Professor of Communication Sciences and Disorders (2002), B.S., M.S., C.A.G.S. (Columbia University)

DIPBOY, ROBERT L., Professor of Psychology (2004), B.A., M.S., Ph.D. (Purdue University)
DIXON, DONOVAN, Lecturer of Chemistry (2006), B.S., Ph.D. (University of the West Indies)

DIXON, JULI, Professor, College of Education & Human Performance (2000), B.A., M.S. Ph.D. (University of Florida)

DODD, MELISSA, Assistant Professor of Communication (2013), B.A., M.A., Ph.D. (University of Miami)

DOGARIU, ARISTIDE, Professor of Optics & ECS (1995), Ph.D. (Hokkaido University)

DOHERTY, WALTER, Multi-Year Assistant Professor, College of Education & Human Performance (2003), B.A., M.S., Ph.D. (State University of New York at Albany)

DOLAN, THOMAS, Assistant Professor of Political Science (2010), B.A., Ph.D. (Ohio State University)

DOMBROWSKI, MATTHEW, Lecturer of SVAD (2010), B.F.A., M.F.A. (University of Central Florida)


DONLEY, AMY, Assistant Professor of Sociology (2010), B.A., M.A., Ph.D. (University of Central Florida)

DORMAN, TERESA, Associate Dean, College of Sciences (1998), B.S., M.A., Ed.D. (University of Central Florida)

DOTSON, DENISE LEE, Assistant Librarian (2008), B.A., M.L.I.S. (University of South Florida)

DRAVES, KRISANN, Lecturer, College of Nursing (2006), A.R.N.P., M.S.N., D.N.P. (University of South Alabama)

DREHER, GILLIAN, Instructor and Clinical Educator of Communication Sciences and Disorders Clinic (1989), B.S., M.S. (Texas Tech University)

DUBEY, ARCHANA, Lecturer of Physics (2002), Ph.D. (Bhavanagur University)

DUCARME, ALFRED, Assistant Dean, College of Engineering and Computer Science (1998), B.S., M.S., Ph.D. (University of Central Florida)

DUKE, JEFF, Instructor, College of Education & Human Performance (2002), B.S., M.S., Ed.D. (Florida State University)

DUNLOP-PYLE, LORI L., Instructor of Mathematics (1999), B.A., M.S. (University of Central Florida)

DUNN, MICHAEL E., Associate Professor of Psychology (1996), B.S., Ph.D. (University of South Florida)

DUNN, STACEY T., Associate Professor of Psychology (1996), B.A., Ph.D. (University of South Florida)

DUPRAS, TOSHA L., Assistant Chair and Graduate Coordinator, Associate Professor of Anthropology, and Secondary Joint Associate Professor of Biology (1999), B.A., M.S., Ph.D. (McMaster University)

DUPUIS, MARTIN, Associate Professor of Political Science and Associate Dean of the Burnett Honors College. (2006), B.A., M.A. J.D., Ph.D. (University of Southern California)

DURANCEAU, STEVEN J., Associate Professor of Civil Environmental, and Construction Engineering (2007), B.S., M.S., Ph.D. (University of Central Florida), P.E (Florida)

DURHAM, BARBARA A., Instructor of Accounting (2003), B.S., M.P.A. (Georgia State University)

DUSSEAU, MICHELLE, Instructor of Communication (2000), B.A., M.A. (Rollins College)

DUTKAY, DORIN, Associate Professor of Mathematics (2006), Ph.D. (University of Iowa)

Dwyer, Peggy D., Professor of Accounting (1993), B.A., Ph.D. (University of Missouri)

Dziegielewski, Sophia, Associate Director for Research and Professor of Social Work (2010), B.A., M.S.W., Ph.D. (Florida State University)

EASTEP, MARY ANN, Associate Lecturer of Criminal Justice (1998), B.S., M.S., Ph.D. (Florida Atlantic University)

EASTES, RICHARD, Secondary Joint Appointment EECs (2006), Ph.D. (John Hopkins University)

EBERT, STEVEN, Associate Professor (2005), Ph.D. (Ohio State University)

EDISON, JOHN, Visiting Instructor of Electrical and Computer Engineering (2013), B.A., M.S. (University of Central Florida)

EDWARDS, OLIVER W., Associate Professor, College of Education & Human Performance (2003), B.A., M.Ed., Ed.S., Ed.D., Ph.D. (University of Florida)

EFTHIMIOU, COSTAS, Associate Professor of Physics (2000), Ph.D. (Cornell University)

EHREN, BRENDAC, Professor of Communication Sciences and Disorders (2007), B.A., M.S., Ed.D (Florida Atlantic University)

EHREN, TOM, Instructor and Clinical Educator of Communication Sciences and Disorders Clinic (1989), M.S. (University of South Florida)

EISLER, ANDREW, Lecturer of Electrical and Computer Engineering (2007), B.A., M.S., Ed.S. (Nova Southeastern University)

ELASHAB, SHADY, Lecturer of Electrical and Computer Engineering (2010), M.S., Ph.D. (Oakland University, Michigan)

ELLIS, E. TAYLOR, Associate Dean, Undergraduate Programs, and Associate Professor of Business Administration (1990), B.S., M.S., M.B.A., Ph.D. (Texas A&M University)

ELLIS, KELCEY, Instructor of Statistics (2011), B.S., M.S. (University of Central Florida)

ELSHEIMER, SETH R., Associate Professor of Chemistry (1985), B.S., Ph.D. (University of Florida)

ELSHENNAWY, AHMAD K. M., Associate Chair and Graduate Coordinator, Professor of Industrial Engineering (1986), B.S., M.S., M.Eng., Ph.D. (Pennsylvania State University)


ERGLE, ROBERTA, Instructor, College of Education & Human Performance (2008), B.A., M.A., Ph.D. (University of Florida)


ESTEVEZ, ALVARO, Associate Professor, (2000), Ph.D. (Universidad De Buenos Aires)

ETHRIDGE, STEPHEN, Instructor of Writing & Rhetoric (2004), B.A., M.A. (University of Central Florida)


EVANS, DOUG, Associate Lecturer of Humanities (1998), B.A., M.A., Ph.D. (Florida State University)

EVERETT, JR., ROBERT M., Associate Professor, College of Education & Human Performance (1997), Ed.D. (University of Alabama)

FABERY, DINA A., Associate Lecturer of Spanish (1994), B.A., M.A. (University of Southern Mississippi)

EZELL, DAN, Associate Professor, College of Education & Human Performance (1990), B.S., M.S., Ph.D. (University of Southern Mississippi)

FANG, JIYU, Professor of Information Systems Management, Associate Professor of Computer Sciences (2003), B.S., M.S. (State University of New York at Albany)

FANNING, JIU, Professor of Computer Engineering (2003), B.S., M.S., Ph.D. (Cairo University)

FARLEY, THOMAS J., Professor of Public Administration & Information Science (2003), B.A., M.Ed. (University of Central Florida)

FEDER, LYNETTE, Assistant Dean, Director and Professor of Doctoral Program in Public Affairs (2012), B.A., M.A., Ph.D. (State University of New York at Albany)

FEFORKA, KENNETH M., Associate Professor of Biology (2005), B.S., Ph.D. (University of South Carolina)

FELLHEIM, MARY ANN, Director, Associate Professor of Public Administration (1997), B.S.N., M.S.N., Ph.D. (Florida Atlantic University)

FENTON, JAMES, Director of FSEC and Professor of Engineering (2005), B.S., M.S., Ph.D. (University of Illinois at Urbana-Champaign)

FERNANDEZ, JOSE B., Dean, College of Arts & Humanities, and Pegasus Professor of History and Spanish (1981), B.A., M.A., Ph.D. (Florida State University)

FERNANDEZ, YANGA, Assistant Professor of Physics and Observatory Director (2005), Ph.D. (University of Maryland)

FERNANDEZ-RUBIERA, FRANCISCO, Assistant Professor of Spanish (2007), B.A., M.A., Ph.D. (Georgetown University)

FERNANDEZ-VALLE, CRISTINA, Professor (1995), Ph.D. (University of Miami School of Medicine)

FILLER, DENNIS M., Lecturer of Civil, Environmental, and Construction Engineering (2013), B.S.E., M.S.E. Ph.D. (University of Maine Fairbanks), P.E. (Alaska)

FINE, TERRI S., Professor of Political Science (1989), B.A., M.A., Ph.D. (University of Connecticut)

FOIRE, STEPHEN, Associate Professor of Cognitive Sciences (1988), B.A., M.A., Ph.D. (University of Pittsburgh)

FISHER, APRIOR, Instructor of Public Administration (2011), M.C.R.P. (Clemson University)

FISHER, THOMAS, Instructor, College of Education & Human Performance (1998), B.A., M.A., Ph.D. (University of Central Florida)

FJELSTUL, JILL, Associate Professor of Education (2005), B.A., M.Ed. (University of Central Florida)

FLAMMIA, MADELYN, Associate Professor of English (1990), B.A., M.A., Ph.D. (Rutgers University)

FLORES, MICHAEL W., Instructor of Criminal Justice (2004), B.S., M.S. (University of Central Florida)

FLITSIYAN, ELENA, Lecturer of Physics and Undergraduate Coordinator (2002), Ph.D. (USSR Academy of Science)

FLORSHEIM, RICK, Instructor for Hospitality Management (2013), M.B.A (Crummer School of Business, Rollins College, FL)

FLORY, DAVID, Visiting Assistant Professor (2013), Ph.D. (Wake Forest University)
<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Role</th>
<th>Institution/University, Field/Courses/Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOLGER, ROBERT G.</td>
<td>Professor of Management</td>
<td>University of North Carolina-Chapel Hill</td>
</tr>
<tr>
<td>FOLSE, KEITH S.</td>
<td>Professor of TESOL</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>FORD, CAMERON</td>
<td>Associate Professor of Management</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>FORD, JASON A.</td>
<td>Associate Professor of Sociology</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>FORD, ROBERT E.</td>
<td>Associate Lecturer of Criminal Justice</td>
<td>University of Illinois</td>
</tr>
<tr>
<td>FORLAW, LORRETTA</td>
<td>Assistant Professor</td>
<td>Miami University</td>
</tr>
<tr>
<td>FOROOSH, HASSAN</td>
<td>Associate Professor of Electrical Engineering</td>
<td>University of South Florida</td>
</tr>
<tr>
<td>FORSYTHE, LENORA</td>
<td>Visiting Instructor</td>
<td>University of Southern California</td>
</tr>
<tr>
<td>FOSTER, AMY</td>
<td>Associate Professor of History</td>
<td>University of Arkansas</td>
</tr>
<tr>
<td>FOTTLE, MYRON D.</td>
<td>Professor of Health Services Administration</td>
<td>Columbia University</td>
</tr>
<tr>
<td>FOURTY, H. EDWARD</td>
<td>Lecturer of Psychology</td>
<td>Nova Southeastern University</td>
</tr>
<tr>
<td>FRAGALA, MAREN</td>
<td>Assistant Professor of College of Education</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>FRANCESCA, DONNA</td>
<td>Instructor of College of Education &amp; Human</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>FRAZER, ANDREW</td>
<td>Lecturer of Chemistry</td>
<td>University of Hertfordshire, UK</td>
</tr>
<tr>
<td>FRENCH, SCOTT</td>
<td>Associate Professor of History</td>
<td>University of Virginia</td>
</tr>
<tr>
<td>FRIDRICH, JASON</td>
<td>Chief Instructor of Hospitality Management</td>
<td>University of North Carolina-Chapel Hill</td>
</tr>
<tr>
<td>FRITZSCH, BARBARA</td>
<td>Associate Professor of Psychology</td>
<td>University of North Carolina-Chapel Hill</td>
</tr>
<tr>
<td>FRUMKIN, MICHAEL</td>
<td>Dean, College of Health and Public Affairs</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>FRYE, MELISSA</td>
<td>Assistant Professor of Finance</td>
<td>Georgia Institute of Technology</td>
</tr>
<tr>
<td>FYALL, ALAN</td>
<td>Professor of Hospitality Management</td>
<td>University of Miami</td>
</tr>
<tr>
<td>GAMMONLEY, DENISE</td>
<td>Associate Professor of Social Work</td>
<td>University of North Carolina</td>
</tr>
<tr>
<td>GARCIA, MARTHA</td>
<td>Associate Professor of Spanish</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GARCIA, NORA LEE</td>
<td>Associate Professor of Islamic</td>
<td>University of Miami</td>
</tr>
<tr>
<td>GARNER, MICHAEL</td>
<td>Medical Instructor Librarian</td>
<td>Florida State University</td>
</tr>
<tr>
<td>GAUDNEK, WALTER</td>
<td>Professor of Optics and Secondary Joint Assessor</td>
<td>Washington State University</td>
</tr>
<tr>
<td>GAUSE, JR., J. RICHARD</td>
<td>Associate Librarian</td>
<td>Paris VI University</td>
</tr>
<tr>
<td>GAY, DAVID</td>
<td>Associate Professor of Sociology</td>
<td>University of Miami</td>
</tr>
<tr>
<td>GAY, KIRK</td>
<td>Instructor of Music</td>
<td>Duke University</td>
</tr>
<tr>
<td>GEGER, CHRISTOPHER</td>
<td>Associate Professor of Industrial Engineering</td>
<td>Purdue University</td>
</tr>
<tr>
<td>GEGIR, VANCE</td>
<td>Associate Lecturer of Anthropology</td>
<td>University of Florida</td>
</tr>
<tr>
<td>GENNARO, ROBERT</td>
<td>Professor Emeritus and Associate Director</td>
<td>Texas A&amp;M University</td>
</tr>
<tr>
<td>GENNARO, ROBERT</td>
<td>Lecturer of Music</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GEROPOULOS, MICHAEL</td>
<td>Dean, College of Engineering and Computer Science</td>
<td>University of Connecticut</td>
</tr>
<tr>
<td>GERING, SHLEY</td>
<td>Professor of Economics</td>
<td>Indiana University</td>
</tr>
<tr>
<td>GERMAN, DEBORAH C.</td>
<td>Vice President for Medical Affairs, Dean of</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GERSTEIN, MARK</td>
<td>Associate Professor of SVAD</td>
<td>University of Chicago</td>
</tr>
<tr>
<td>GESQUIERE, ANDRE J.</td>
<td>Associate Professor of Nanoscience Technology</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GHISINEJAD, SHAHRAM</td>
<td>Lecturer of Psychology</td>
<td>University of Texas</td>
</tr>
<tr>
<td>GIBBS, W. ERNEST</td>
<td>Associate Professor of Economics</td>
<td>Rutgers University</td>
</tr>
<tr>
<td>GILKESON, JAMES H.</td>
<td>Associate Professor of Finance</td>
<td>University of Alabama</td>
</tr>
<tr>
<td>GILLUM, SHALU</td>
<td>Public Services Librarian</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOLEBOV, LEONID B.</td>
<td>Research Professor of Optics/FPCE</td>
<td>Vavilov State Optical Institute</td>
</tr>
<tr>
<td>GLEIG, ANN</td>
<td>Assistant Professor of Religion and Cultural</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GLEYZON, FRANCOIS-XAVIER</td>
<td>Assistant Professor of English</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GLINOS, DEMETRIOS</td>
<td>Visiting Lecturer of Electrical Engineering and</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GORDON, ALLI</td>
<td>Associate Professor of Mechanical Aerospace</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GORDON, LAUREL</td>
<td>Assistant Professor of Pharmacology</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOUL, JINHUA</td>
<td>Professor of Mechanical and Aerospace Engineering</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOMRUD, MARY ELLEN</td>
<td>Instructor of Writing &amp; Rhetoric</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GON, XUN</td>
<td>Associate Professor of Electrical and Computer</td>
<td>University of Michigan</td>
</tr>
<tr>
<td>GONZALEZ, AVELINO J.</td>
<td>Professor of Electrical and Computer Science</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>GONZALEZ, LAURA</td>
<td>Assistant Professor of Nursing</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOODMAN, CONSTANCE</td>
<td>Instructor and Coordinator, College of Education</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOODMAN, STEPHEN H.</td>
<td>Chair and Associate Professor of Management</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOODMAN, FRANK,</td>
<td>Professor of History</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOMRAH, RITA</td>
<td>Instructor of Communication</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GORDON, ANTHONY</td>
<td>Associate Professor of English</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GORDON, LAUREL</td>
<td>Assistant Professor of Pharmacology</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GORDON, STEPHEN</td>
<td>Chair and Associate Professor of Management</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GOODMAN, FRANK V.</td>
<td>Professor of Aerospace Studies</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GREG, DAVE</td>
<td>Capt., USAF, Assistant Professor of Aerospace</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GREDS, REGINA</td>
<td>Associate Professor of College of Education</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GREY, DAVE</td>
<td>Assistant Professor of Hospitality Management</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GRIEG, ELIZABETH</td>
<td>Professor of Sociology</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GREGORY, AMY</td>
<td>Assistant Professor of Hospitality Management</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GRESSMAN, REGINA</td>
<td>Associate Professor of College of Education</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GRIFFINS, BARRY</td>
<td>Instructor of Anthropology</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GROSS, BERNARD</td>
<td>Assistant Professor of Internal Medicine</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GRU, RICHARD</td>
<td>Instructor, FIAA</td>
<td>University of Central Florida</td>
</tr>
<tr>
<td>GROSS, BERNARD</td>
<td>Assistant Professor of Internal Medicine</td>
<td>University of Central Florida</td>
</tr>
</tbody>
</table>
GUENZEL, STEFFEN, Lecturer of Writing & Rhetoric (2012), B.A., M.A., Ph.D. (University of Alabama)

GUHA, ARUP, Associate Instructor of Electrical Engineering and Computer Science (1999), B.S., M.S. (University of Wisconsin)

GUHA, RATAN K., Professor of Electrical Engineering and Computer Science (1980), B.S., M.S., Ph.D. (University of Texas)

GULDI, MELANIE, Assistant Professor of Economics (2006), B.S., M.A., Ph.D., University of California, Davis

GUNDY, CYNTIA, Instructor of Music (2000), B.S., M.B.A. (University of Central Florida)

GUNTER, GLENDA, Associate Professor, College of Education & Human Performance (1996), B.S., M.A., Ph.D. (Mississippi State University)

GUREL, BASAK, Assistant Professor of Mathematics (2013), Ph.D. (University of California, Santa Cruz)

HACIOMEROGLU, ERHAN, Assistant Professor, College of Education & Human Performance (2007), B.S., M.S., Ph.D. (Florida State University)

HADRIKA, DARLENE, Research Associate, SVAD (2005), B.A., M.F.A. (University of California, Los Angeles)

HAGAN, DAVID J., Associate Dean for Academic Programs & Professor of Optics (1987), B.S., Ph.D. (Heriot-Watt University)

HAGEDORN, W. MICHAEL, Assistant Professor, College of Education & Human Performance (2007), Ph.D. (University of North Carolina at Greensboro)

HAGEN, SCOTT C., Professor of Civil, Environmental, and Construction Engineering (1997), B.S.E., Ph.D. (University of Notre Dame, P.E. (Florida)

HAHNS-VAUGH, DEBBIE, Associate Professor, College of Education & Human Performance (2003), B.A., M.B.A., M.S., Ph.D. (University of Alabama)

HALL, RICK, Research Associate, FIEA (2005), B.S. (Pennsylvania State University)

HALL, ROBERT, M, Associate Professor of Writing & Rhetoric (2011), B.A., M.A., Ph.D. (University of Louisville)

HALL, SCOTT F., Associate Professor of SVAD (2000), B.F.A., M.F.A. (Washington University)

HALL, SHELLEY, Instructor of Social Work and Assistant Field Education Coordinator (2009), B.S.W., M.S.W. (Florida State University)

HAM, CHAN HO, Secondary Joint Appointment ECECS (2000), Ph.D. (University of Central Florida)

HAMANN, KRISTIN, Chair and Professor of Political Science (1995), M.A., M.A., Ph.D. (Washington University)

HAMPSON, MARCY E., Assistant to the Director, School of Accounting and Instructor of Accounting (2004), B.S., M.B.A. (University of Central Florida)

HARDIN, MICHAEL, Professor of Chemistry and Director of Interdisciplinary Studies (1981), B.S., Ph.D. (Texas Tech University)

HAN, BAI JUANG, Professor of Mathematics (1998), M.S., Ph.D. (Texas A&M University)

HANCOCK, PETER, Provost Distinguished Research Professor, University of Technology, and University Pegasus Professor (2001), B.Ed., M.Sc., Ph.D. (University of Illinois)

HANDBERG, ROGER B., JR, Professor of Political Science (1972), B.A., Ph.D. (University of North Carolina)

HANLON, CHRISTINE, Lecturer of Communication (2003), B.A., M.A., Ph.D. (Nova Southeastern University)

HANSEN, KENNETH, Associate Professor of Judaic Studies (2004), B.A., Ph.D. (University of Texas)

HARA, TADAYUKI, Associate Dean of Administration and Finance, Associate Professor of Hospitality Management (2005), B.S., M.S., MBA, M.P.H., Ph.D. (Cornell University)

HARRIS, PHYLLIS, Instructor of Management (2006), B.S.J., M.B.A. (Northwestern University)

HARRISON, C. KEITH, Associate Professor of Sport Business Management (2006), B.S., M.A., Ph.D. (University of Southern California)

HARRISON II, RICHARD H., Associate Librarian (2001), B.A., M.S. (Vanderbilt University)

HARTSHORNE, RICHARD, Associate Professor, College of Education & Human Performance (2011), B.S., M.Ed., Ph.D. (University of Florida)

HARVEY, CHARLOTTE, Associate Lecturer and Clinical Educator of Communication Sciences and Disorders Clinic (1990), B.A., M.S., Ed.D. (University of Central Florida)

HASANAT, FAYEZA, Lecturer of English (2007), B.A., M.A., Ph.D. (University of Florida)

HASTINGS, SALLY, Associate Professor of Communication (2005), B.A., M.A., Ph.D. (University of Massachusetts)

HAWKINS, CHRISTOPHER, Assistant Professor of Public Administration (2013), Ph.D. (Florida State University)

HAYES, B. GRANT, Executive Associate Dean for Academic Affairs and Professor, College of Education & Human Performance (2006), B.A., M.Ed., Ed.S., Ph.D. (University of South Carolina)

HE, XIN, Associate Professor of Marketing (2004), B.E., M.B.A., Ph.D. (University of Pennsylvania)

HEGLUND, STEPHEN, Lecturer, College of Nursing (2004), A.R.N.P., M.S.N., Ph.D. (University of Central Florida)

HEIN, JOHN, Technical Director (2011), B.S., M.F.A. (Virginia Polytechnic Institute and State University)

HEINRICH, HELGE H., Associate Professor of Physics and AMPAC, and Graduate Coordinator (2003), Ph.D. (Federal Institute of Technology)

HEINRICH, MARK, Associate Professor of Electrical Engineering and Computer Science (2003), B.S., M.S., Ph.D. (Stanford University)

HELMINGER, JIM, Artistic Director of Orlando Shakespeare Theater (1995), B.A., M.F.A. (University of Alabama-Alabama Shakespeare Festival)

HENDERSON, JOSEPH, Instructor of Criminal Justice (2006), B.S., M.S. (University of Central Florida)

HENKIN, LUANN, Instructor of Writing & Rhetoric (2011), B.A., M.A. (University of Central Florida)

HENNING, LINDA, Assistant Professor, College of Nursing (1989), M.S.N., Ed.D. (University of Central Florida)

HEPNER, LYNN, Associate Dean, Academic Programs, College of Arts & Humanities (1995), B.A., M.A. (University of Central Florida)

HERLIHY, KEVIN, Lecturer of History (2002), B.D., B.A., M.A., Ph.D. (University of Dublin)

HERNANDEZ, CARIDAD, Associate Professor of Medicine (2011), M.D. (University of California)

HERNANDEZ, FLORENCIO E., Associate Professor of Chemistry and Secondary Joint Associate Professor of Optics (2002), B.S., Ph.D. (Universidad Central de Venezuela)

HERRING, PAMELA, Electronic Resources Librarian (2012), M.A. (University of South Florida)

HEWAVITHARANA, LIONEL, Lecturer of Mechanical and Aerospace Engineering (2012), B.S., M.S., Ph.D. (Louisiana Technical University)

HEWITT, RANDALL, Associate Professor, College of Education & Human Performance (2001), B.A., M.A.E., Ph.D. (University of Florida)

HICKMAN, JAMES, Professor of Chemistry and Secondary Joint Professor of Nanoscience Technology and Material Science Engineering (2004), B.S., M.S., Ph.D. (Massachusetts Institute of Technology)

HIGGINS, PATRICK, Instructor of Mathematics (1999), B.S., M.S. (University of Central Florida)

HIGHTOWER, ROSS T., Assistant Professor of Management Information Systems (1999), B.S., M.S., Ph.D. (Georgia State University)

HILL, PEGGY, Instructor, College of Nursing (2013), B.S.N., M.S.N. (University of Central Florida)

HINES, REBECCA, Associate Professor, College of Education & Human Performance (1999), B.S., M.S., Ph.D. (University of Michigan)

HINKLE, ROSS, Vice Provost and Dean, College of Graduate Studies, and Professor of Biology (2007), B.A., M.S., Ph.D. (University of Tennessee)

HIRUMI, ATSUSHI, Associate Professor, College of Education & Human Performance (2003), B.S., M.A., Ph.D. (Florida State University)

HITCHCOCK, DORILYN F., Assistant Professor, Program Director of Medical Laboratory Sciences (1989), M.T., M.S. (Northeastern University)

HITT, JOHN C., President of the University and Professor of Psychology (1992), B.A., M.S., Ph.D. (Tulane University)

HODGSON, SHARI, Associate Instructor of Communication (2003), B.A., M.A. (University of Central Florida)

HOEKSTRA, ROBERT L., Associate Professor of Industrial Engineering (1993), B.A., M.Eng., Ph.D. (University of Cincinnati)
HOEPNER, ATHENA R., Associate Librarian (1995), B.A., M.L.S. (Simmons College)

HOFMAN, BOBBY, Associate Professor, College of Education & Human Performance (2000), B.A., M.A., Ph.D. (University of Las Vegas)


HOFMAN, ERIC, Associate Professor of Biology (2005), B.S., M.S., Ph.D. (Oregon State University)

HOFMAN, JAY, Chair and Professor, College of Education & Human Performance (2010), B.S., M.S., Ph.D. (University of Connecticut)

HOFMANN-RUDDY, BARI, Associate Professor of Communication Sciences and Disorders (2001), B.A., M.A., Ph.D. (University of Florida)

HOFLER, RICHARD A., Professor of Economics (1989), B.S., Ph.D. (University of North Carolina-Chapel Hill)

HOGG, JAMES, P, Lecturer of Hospitality Management (2010), M.S., Ph.D. (University of Central Florida)

HOHENLEITNER, KATHLEEN, Associate Professor of Hospitality Medicine (2010), M.S., Ph.D. (University of Central Florida)

HOLLAND, KATHIE K., Associate Lecturer of English (1988), B.A., M.A., Ph.D. (University of Notre Dame)

HOLIC, NATHAN, Lecturer of Writing & Rhetoric (2011), B.A., M.F.A. (University of Central Florida)

HOLLADAY, SHERRY J., Professor of Communication (2010), B.A., M.A., Ph.D. (Purdue University)

HOLLAND, KATHIE K, Instructor of Management (2001), B.S., M.B.A. (University of Central Florida)

HOLT, LARRY C., Associate Professor, College of Education & Human Performance (1988), B.S., Ed.D. (University of Cincinnati)

HONG, SAMPYO, Assistant Research Professor of Physics (2007), Ph.D. (Kansas State University)

HOPKINS, MARTHA H., Professor, College of Education & Human Performance (1983), B.A., M.Ed., Ph.D. (Florida State University)

HOPP, CAROLYN, Instructor and Coordinator, College of Education & Human Performance (1998), B.A., M.A., Ph.D. (University of Central Florida)

HORNICK, STEVEN R., Lecturer of Accounting (2000), B.A., Ph.D. (Florida International University)

HOSTETLER, JANE, Instructor and Clinical Educator of Communication Sciences and Disorders Clinic (2000), B.A., M.A. (University of Central Florida)

HOWARD, ROSALYN, Associate Professor of Anthropology (1999), B.A., M.Ed., Ph.D. (University of Florida)

HOWE, LINDA, Associate Professor, College of Nursing (2012), C.N.E., C.N.S., M.S.N., Ph.D. (University of South Carolina)

HOYT, ERICA, Instructor, College of Nursing (2003), M.S.N. (University of Phoenix)

HSU-CASIMIR, YUN-LING, Assistant Professor of Music (2001), B.A., M.M., D.M.A. (Ohio State University)

HU, HAIYAN, Assistant Professor of Electrical Engineering and Computer Science (2000), B.S., M.S., Ph.D. (University of Southern California)

HU, QIAN, Assistant Professor of Public Administration (2011), Ph.D. (Arizona State University)

HU, XIN, Professor of Electrical Engineering and Computer Science (1990), B.S., M.S., Ph.D. (University of Illinois at Urbana Champaign)

HUBBARD, SUSAN S., Professor of Medicine (1995), B.A., M.A. (Syracuse University)

HUCK, LINDSAY, Instructor of Communication (2009), B.A., M.A. (University of Central Florida)

HUFF-CORZINE, LIN, Professor of Sociology (1996), R.N., B.A., Ph.D. (Washington University in St. Louis)

HUGHES, CHARLES E., Professor of Electrical Engineering and Computer Science and Joint Appointment in Digital Media (1980), B.A., M.S., Ph.D. (Pennsylvania State University)

HUMISTON, GAIL, Instructor of Criminal Justice (2011), M.S. (Illinois State University)

HUNDLEY, GULNORA, Instructor and Coordinator, College of Education & Human Performance (2010), M.A., M.D. (University of Central Florida)

HUNT, JEREMY, Associate Professor of Music (2005), B.M., M.M., D.M.A. (Indiana University)

HUO, QUN, Associate Professor of Occupational Therapy and Secondary Joint Associate Professor of Chemistry (2005), Ph.D. (University of Miami)

HUSAIN, MUJTAFA, Professor of Pathology, College of Medicine (2010), M.B.B.S. (University of Karachi)

HUSTY, TODD, Assistant Professor of Emergency Medicine (2009), D.O. (Kansas City College of Osteopathic Medicine)

HUTCHINSON, CYNTHIA J., Associate Professor, College of Education & Human Performance (1989), B.S., M.A., Ed.D. (Florida Atlantic University)

HUTCHINSON, JOE, Chair, Department of Foodservice and Lodging Management, Associate Professor of Hospitality Management (2003), B.S., M.B.A., Ph.D. (Virginia Polytechnic Institute and State University)

ILDERTON, NATHAN, Assistant Professor of Political Science (2000), B.A. Ph.D. (Texas A&M University)

ILEGBUSI, OLUSEGUN, Professor of Mechanical and Aerospace Engineering (2002), B.S., Ph.D., D.C.I. (Imperial College, University of London)

INGRAM, DANIEL, Instructor of Sociology (2003), B.S., M.S. (University of Central Florida)

INGLE, LORI, Assistant Professor of Public Administration (1999), B.S., Ph.D. (University of Central Florida)

JACINTO, GEORGE, Associate Professor of Political Science (2003), B.A., M.F.A. (Bennington College)

JACOBSON, DIANE, Professor of Microbiology (1994), Ph.D. (Harvard University)

JACQUES, PETER, Associate Professor of Political Science (2003), B.A., M.A., Ph.D. (Florida Atlantic University)

JANOWSKY, ALISHA, Lecturer of Psychology (2007), B.A., M.S.W., Ph.D. (University of Central Florida)

JAYNE, TERESA, Associate Dean, College of Education & Human Performance, College of Graduate Studies and Professor of Sociology (2003), B.S., M.A., Ph.D. (University of Central Florida)

JEFFERSON, ALLISON G., Instructor and Executive Director of Administration, College of Education & Human Performance (1999), B.S., M.S. (Northwestern University)

JENKINS, DAVID G., Ying Eminent Scholar in Biology and Professor of Biology (2003), B.S., M.S., Ph.D. (Virginia Polytechnic Institute and State University)

JENNINGS, KELLY, Instructor, College of Education & Human Performance (2003), B.S., M.S. (Nova Southeastern University)

JENSEN, BERNARD, Associate Professor of Psychology (1985), B.A., M.A., Ph.D. (Southern Illinois University)

JENTSCH, FLORIAN, Professor of Psychology, Director of Team Performance Laboratory, Joint Professor of Institute for Simulation and Training (1987), B.A., M.S., Ph.D. (University of Central Florida)

JENTSCH, KIMBERLY S., Professor of Psychology, Graduate Program Coordinator for I/O Psychology Ph.D. (2003), B.A., M.S., Ph.D. (University of South Florida)

JEWETT, AUBREY, Associate Professor of Political Science (1995), B.A., M.S., Ph.D. (Florida State University)

JEWETT, MOLLIE, Assistant Professor (2009), Ph.D. (Washington University in St. Louis)

JEWETT, TRAVIS, Assistant Professor (2009), Ph.D. (Washington University in St. Louis)

JHA, SUMIT, Assistant Professor of Electrical Engineering and Computer Science (2010), B. Tech., M.S., Ph.D. (Carnegie Mellon University)

JOHNSON, ABBILLYN, Capt., USAF, Assistant Professor of Aerospace Studies (2009), B.A., MBA (Amesbury University)

JOHNSON, MARIO, Professor of Military Science (2012), B.S., M.S.A. (Central Michigan University)

JOHNSON, MARK E., Professor of Statistics (1990), B.A., M.S., Ph.D. (University of Iowa)

JOHNSON, MICHAEL D., Dean, College of Sciences and Professor of Physics (1990), B.S., Ph.D. (University of Virginia)

JOHNSON, TERESA, Assistant Professor of Medical Education (2001), B.S., M.S., Ph.D. (Virginia Polytechnic Institute and State University)

JONES, ANNA M., Professor of English (2009), B.A., M.A., Ph.D. (University of Notre Dame)
KUJAWA, FRANK B., Associate Professor of Chemistry (1969), B.A., Ph.D. (Johns Hopkins University)

KULA-GUNTER, LINDA, Visiting Instructor, College of Education & Human Performance (2011), B.S., M.A. (University of Kentucky)

KUMA, RANGANATHAN, Professor of Mechanical and Aerospace Engineering (2003), B.S., B.Tech., M.S., Ph.D. (University of Illinois at Urbana-Champaign)

KUMINKA, WILLIAM, Instructor, College of Education & Human Performance (2000), B.S., M.S. (Florida State University)

KUTKUT, NASSER, Instructor of Management (2010), B.A., M.S., M.B.A., Ph.D. (University of Wisconsin - Madison)

KWUN, DAVID, JOON-WUK, Associate professor of Hospitality Management (2006), B.S., M.S., Ph.D. (Iowa State University)

KYLE, BARBARA, Instructor of Writing & Rhetoric (2000), B.A. (University of Central Florida)

LADDORES, SIGRID, Lecturer, College of Nursing (2004), M.S.N., Ph.D. (University of Central Florida)

LADRE, SIGRID, Instructor, College of Nursing (2006), B.S., M.S., Ph.D. (University of Central Florida)

LAMBERT, STEPHEN, Associate Professor of Medicine (2008), M.D. (University of Witwatersrand)

LAMBIE, GLENN, Associate professor of Hospitality Management (2006), B.S., M.S., Ph.D. (University of Kentucky)


LAMANNA, JACQUELINE, Lecturer, College of Nursing (2009), M.S.N., Ph.D. (University of Central Florida)

LAMBERT, STEPHEN, Associate Professor of Medicine (2008), M.D. (University of Witwatersrand)

LAMBIE, GLENN, Associate Professor, College of Education & Human Performance (2008), B.A., M.Ed., Ph.D. (College of William & Mary)

LANDREVILLE, SARAH, Instructor, College of Nursing (2008), B.S.N., M.S.N (University of Central Florida)

LANG, SHEAU-DONG, Associate Professor of Electrical Engineering and Computer Science (1981), B.S., M.S., Ph.D. (Pennsylvania State University)

LANGWORTHY, ROBERT, Professor of Criminal Justice (2007), B.S., M.A., M.A., Ph.D. (State University of New York at Albany)

LANDER, DREW N., Associate Professor of Political Science (1997), B.A., J.D., Ph.D. (University of North Texas)

LANIER, PATRICIA, Instructor, College of Education & Human Performance (2004), B.A., M.A. (University of Central Florida)

LAPCHICK, RICHARD E., Professor and Director of Sports Business Management (2001), B.S., M.S., Ph.D. (University of Denver)

LARSON, PETER, Associate Professor of History and Graduate Program Director (2006), B.A., M.A., Ph.D. (Rutgers University)

LARTONIOW, PAUL F., Associate Professor of Theatre and Interim Vice President of Academic Affairs (1998), B.A., M.F.A. (Lindenwood University)

LAURIE, EUGENE, Instructor of Writing & Rhetoric (2009), B.A., M.A. (St. Cloud State University)

LAVINDOL, VICKI, Instructor of Hospitality Management (2010), B.S., M.D., M.B.A (Crummer Graduate School of Business, Rollins College)

LAVIDA, JOSEPH, Associate Professor of Electrical Engineering and Computer Science (2000), B.S., M.S., Ph.D. (Brown University)

LAWRENCE, SHEEN, MSW Program Coordinator and Associate Professor of Social Work (2006), B.S., M.S.W., Ph.D., L.C.S.W. (State University of New York at Buffalo)

LAWLER, WENDY C., Associate Professor of Public Administration (1984), B.A., M.A., Ph.D. (Indiana University)

LEADER, PAUL, Director of Debate and Instructor of Communication (2013), B.A., M.A. (Eastern New Mexico University)

LEAVES, GARY T., Professor, Chair of Computer Science Division of Electrical Engineering and Computer Science (2007), B.S., M.S., Ph.D. (Massachusetts Institute of Technology)

LEE, GENE C. H., Associate Professor of Industrial Engineering (1985), B.E., M.S., M.S.I.E., Ph.D. (Texas Tech University)

LEE, JI-EUN, Assistant Professor of Hospitality Management (2010), M.S., Ph.D. (Purdue University)

LEE, JUNHO, Assistant Professor of Mathematics (2007), B.S., M.S., Ph.D. (Michigan State University)

LEE, MICHAEL, Assistant Professor of Pharmacology (2010), Ph.D. (University of South Florida)

LEE, WOO HYOUNG, Assistant Professor of Civil, Environmental, and Construction Engineering (2013), B.S., M.S., Ph.D. (University of Cincinnati), P.E. (Ohio)

LEHMANN, JAMES, Assistant Professor of Military Health (2013), B.S. (Eastern Kentucky University)

LEHMANN, GERALD, Capt., USAF, Assistant Professor of Aerospace Studies (2008), B.S., MBA (University of South Florida)

LEICH JR., WILLIAM E., Professor of Management Information Systems (1987), B.S., M.S., M.B.A., Ph.D. (University of Cincinnati)

LELI, PATRICIA, Associate Professor of Education and Coordinator, College of Nursing (1979), M.S.N. (University of Alabama at Birmingham)

LEON, ANA M., Professor of Social Work (1994), B.S.W., M.S.W., Ph.D. (New York University)

LESTER, CONNIE, Associate Professor of History, Director of RICHES, and Editor of Florida Historical Quarterly (2000), B.S., M.A., Ph.D. (University of Tennessee)

LETICIE, MARIE, Associate Professor of French (1994), B.A., M.A., Ed.D. (University of Central Florida)

LEUENER, MICHAEL N., Assistant Professor of Nanoscience Technology and Secondary Joint Assistant Professor of Physics (2006), B.S., M.S., Ph.D. (University of Basel, Switzerland)

LEUER, JEAN, Professor, College of Nursing (2003), C.N.E., M.S.N., Ph.D. (Boston University)

LEVERMORE, MONIQUE, Lecturer of Psychology (2013), B.A., M.S., Ph.D. (Howard University)


LI, QIANG, Professor of Optics (1997), M.S. (University of Wisconsin-Madison)

LI, XIAOMAN, Assistant Professor (2008), Ph.D. (University of Wisconsin-Madison)

LI, XIN, Professor of Mathematics (1990), B.A., M.A., Ph.D. (University of South Florida)

LI KAM WA, PATRICK, Associate Professor of Optics & ECE (1993), B.E., Ph.D. (University of Sheffield)

LIEBERMAN, R. JANE, Professor of Communication Sciences and Disorders (2000), B.S., M.S., Ph.D. (University of Florida)

LILLIOS, ANNA, Associate Professor of English (1986), B.A., M.A., Ph.D. (University of Iowa)

LIN, KUO-CHI KURT, Associate Professor of Mechanical and Aerospace Engineering (1990), B.S., M.S., Ph.D. (University of Michigan), P.E. (Florida)

LIN, MINJIE, Assistant Professor of Electrical and Computer Engineering (2011), B.S., M.S., Ph.D. (Stanford University)

LINDSAY, ANNE, Assistant Professor of Psychology (2011), B.A., M.A., Ph.D. (University of California, Riverside)

LINDSLEY, BOYD, Assistant Director of Communication (2007), B.A., M.A. (University of Central Florida)

LINKOVICH-KYLE, TIFFANY, Research Assistant Professor of Psychology (2012), B.A., M.S., Ph.D. (University of Central Florida)

LIU, JUN J., Professor of Electrical and Computer Engineering (1986), B.S.E.E., M.S.E.E., Ph.D. (University of Florida)

LIU, KUOTSUI TOM, Professor of Public Administration (1998), B.A., M.P.A., D.P.A. (University of Oklahoma)

LISTENGARTEN, JULIA, Professor of Theatre (1999), B.A., M.A., Ph.D. (University of Michigan)

LITTLE, MARY, Professor, College of Education and Human Performance (1996), Ph.D. (University of Kansas)

LITTLETON, VANESSA, Lecturer of Public Administration (2010), Ph.D. (University of Central Florida)

LIU, MIAO, Lecturer of Mechanical and Aerospace Engineering (2012), B.S., M.S., Ph.D. (University of Central Florida)

LIU, XIULIANG, Assistant Professor of Health Management and Informatics (2012), Ph.D. (Virginia Commonwealth University)

LIU, ZHE, Assistant Professor of Mathematics (2013), Ph.D. (University of New Hampshire)

LLEWELLYN, MARK J., Associate Lecturer of Electrical Engineering and Computer Science (1996), B.S., B.A., Ph.D. (University of Central Florida)

LOERZEL, VICTORIA, Associate Professor, College of Nursing (2007), B.S., B.S.N., M.S.N., Ph.D. (University of Central Florida)

LOGAN, LISA, Associate Professor of English (1996), B.A., M.A., Ph.D. (University of Rochester)

LOGAN, RONALD, Associate Professor of Hospitality Management (2003), B.A., M.S. (University of California, Los Angeles)

LOGGIUDICE, FRANCIS T., Associate Instructor of Biology (1997), B.S., M.S. (University of Central Florida)

LONG, GEORGE, Instructor of Anthropology (1991), B.A., M.A. (University of Florida)

LONG, MARK, Instructor of History (2007), B.A., M.A., Ph.D. (Loyola University Chicago)

LOPEZ, GENARO, Professor (2004), Ph.D. (Colorado State University)

LOPEZ, HUMBERTO J., Professor of Spanish (1986), B.A., M.A., Ph.D. (Florida State University)

LOPEZ-OJEDA, WILFREDO, Assistant Professor (2003), Ph.D. (Clayton College of Natural Resources)

LOPP, LINDA, Instructor, College of Nursing (2008), B.S.N., M.S.N. (University of Phoenix)

LOREE, MICHAEL, Instructor of Sociology (2009), B.A., M.A. (University of Florida)

LOTFI, SAEED, Assistant Professor of Electrical and Computer Engineering (2011), Ph.D. (Texas A&M University)

LOTZ, THEO, Director of Flying Horse Press and Lecturer (2004), B.A., M.F.A. (Louisiana State University)
MILLER, ANN, Associate Professor of Communication (2008), B.A., M.A., Ph.D. (University of Georgia)

MILLER, GARY, Assistant Professor of Family Medicine (2011), M.D. (Albany Medical Center)

MILLER, KELLY, Assistant Professor of Music (2012), D.M.A. (Michigan State University)

MILLER, MATTHEU, Instructor of Chemistry, Undergraduate Advisor of Forensic Science (2010), B.S., M.S. (University of Florida)

MILLS, LISA, Associate Professor of SVAD (1999), B.A., M.A., Ph.D. (University of Florida)

MILMAN, ADY, Professor of Hospitality Management (1986), B.A., M.S., Ph.D. (University of Massachusetts)

MILON, ABBY F., Lecturer of Legal Studies (2000), B.S., M.S., J.D. (University of Florida)

MILON, J. WALTER, Professor of Economics (2000), B.S., M.S., Ph.D. (Florida State University)

MINARDI, ANTONIO, Associate Professor of Mechanical and Aerospace Engineering (1977), B.A.Sc., S.M., Ph.D. (University of Central Florida)

MIRILIOVICH, NIKOLA, Associate Professor of Political Science (2011), B.A., M.A., Ph.D. (University of Chicago)

MISHITAL, JOANNA, Assistant Professor of Anthropology (2008), Ph.D. (University of Colorado)

MOBERG, J. NICOLE, Instructor of Marketing (2001), B.S., M.S. (University of Central Florida)

MODIANOS, DOAN T., Research Professor of Psychology (2006), B.A., M.A., Ph.D. (Texas Christian University)

MOHABERI, NAHID, Research Associate Professor (FSEC) and Secondary Joint Research Associate Professor of Materials Science and Engineering (2012), Ph.D. (Florida Institute of Technology)

MOHAPATRA, RAM N., Professor of Mathematics (1984), B.S., M.S., Ph.D. (University of Jalalpur)

MOHARAM, GAMAL, Professor of Optics & ECE (1987), Ph.D. (University of British Columbia)

MOHRENNE, ROBERT W., Instructor of Writing & Rhetoric (2004), B.A., M.A. (University of Central Florida)

MOLINA, OLGA, Associate Professor of Social Work (2008), B.A., M.S.W., D.S.W. (City University of New York, Hunter College)

MOLLAGHAESMI, MANSOOREH, Associate Professor of Industrial Engineering (1991), B.S., M.E., Ph.D. (University of Louisville)

MONROE, MANETTE, Assistant Dean of Student Affairs and Assistant Professor of Pathology (2010), M.D. (East Tennessee State University)

MONTAGNE, EUPRIIDES, Lecturer of Electrical Engineering and Computer Science (1991), B.S., M.S., Ph.D. (Central University of Venezuela)

MONTALVO, MARIA, Instructor of Spanish (2002), B.A., M.A. (University of Central Florida)

MONTGOMERY, KIMBERLY K., Assistant Librarian (1988), B.A., M.S. (Florida State University)

MONTGOMERY, MICHELE, Lecturer of Physics (2004), Ph.D. (Florida Institute of Technology)

MONTGOMERY, RENEE, Assistant Librarian (2001), B.S., M.S. (Florida State University)

MOODY, JANE, Instructor of English (2010), B.A., M.A. (University of Central Florida)

MOORE, BARBARA A., Instructor of Economics (2000), B.S., M.A.A.E. (University of Central Florida)

MOORE, BRIAN, Assistant Professor of Mathematics (2007), B.S., M.S., Ph.D. (University of Surrey, Guildford, UK)

MOORE, JEFFREY, Director of the School of Performing Arts and Professor of Music (1994), B.M.E., M.M. (University of Wisconsin)

MOORE, SEAN, Assistant Professor (2008), Ph.D. (University of Alabama at Birmingham)

MORALES, REINALDO, Recruiting Officer/Academic Advisor, Military Science-ARMY ROTC (2008), B.A., M.S. (Webster University)

MORALES, WALTER Q., Professor of Political Science (1980), B.A., M.A., Ph.D. (University of Denver)

MORAN-BANO, COLLEEN, Professor of Pediatrics (2010), M.D. (University of South Florida)

MORENO, WILLIAM, Assistant Professor of Criminal Justice (2013), B.S., B.M.S., Ph.D. (Rutgers University)

MORSE, ANNE, Instructor, College of Nursing (2007), B.A., B.S.N., M.S.N. (University of Florida)

MORTON, WILLIAM C., Associate Lecturer of English (2002), B.A., M.A. (Miami University)

MOSHELY, FAISSAL A., Professor of Mechanical and Aerospace Engineering (1980), B.S., M.S., Ph.D. (University of South Carolina)

MOTTARELLA, KAREN, Lecturer of Psychology (1998), B.A., M.S., Psy.D. (Florida Institute of Technology)

MOULOUA, MUSTAPHA, Professor of Psychology (1994), M.A., Ph.D. (Catholic University of America)

MOUSSEAU, MICHAEL, Associate Professor of Political Science (2013), B.A., M.A., Ph.D. (SUNY Binghamton)

MOYLAN, CHRISTINA, Lecturer of Health Services Administration (2012), B.S., M.H.S., Ph.D. (Johns Hopkins Bloomberg School of Public Health)

MUCCIOLI, EDUARDO, Professor of Physics and Secondary Joint Associate Professor of Electrical and Computer Engineering (2003), B.S., M.S., Ph.D. (Massachusetts Institute of Technology)

MUHS, TAMMY, Lecturer of Mathematics and Director, Mathematics Assistance and Learning Lab (2005), M.S., Ph.D. (University of Central Florida)

MULLER, MARK, Professor (2004), Ph.D. (University of British Columbia)

MULVHILL, RACHEL G., Associate Librarian (2002), B.A., M.A.L.I.S. (University of South Florida)

MUNDALE, JENNIFER, Associate Professor of Philosophy (1999), B.A., A.M., Ph.D. (Washington University)

MUNYON, MATTHEW D., Instructor and Associate Director of Assessment, Accreditation, and Data Management, College of Education & Human Performance (2011), B.S., M.S., Ph.D. (University of Central Florida)

MURCHEN, REBECCA M., Assistant Librarian (2010), B.A., M.A.L.I.S. (University of Alabama)

MURPHREE, DANIEL, Associate Professor of History (2010), B.A., M.A., Ph.D. (Florida State University)

MURPHY, KEVIN, Associate Professor of Hospitality Management (2003), B.S., M.S., Ph.D. (Virginia Polytechnic Institute)

MURPHY, PATRICK, Professor and Chair of English (2002), B.A., M.A., Ph.D. (University of California, Davis)

MURRAY, BARBARA A., Associate Professor, College of Education & Human Performance (1992), B.S., M.A.E., Ed.S., Ph.D. (Indiana University)

MURRAY, KENNETH T., Associate Professor, College of Education & Human Performance (1991), B.S., M.S., J.D., Ph.D. (Indiana State University)

MURRAY, THOMAS, Instructor, College of Education & Human Performance (2007), B.S., M.B.A., Ph.D. (University of South Florida)

MUSAMBIRA, GEORGE, Associate Professor of Communication (2005), B.A., M.A.M., Ph.D. (University of Buffalo)

NACCARATO-FROMANG, GINA, Lecturer of Legal Studies (2011), B.S., J.D. (Mercer University, Walter F. George School of Law)

NAIR, DEEPA, Assistant Professor of History (2011), B.A., M.A., Ph.D. (National University of Singapore)

NALBONE, LISA J., Associate Professor of Spanish (1996), B.A., M.S., Ph.D. (Florida State University)

NAM, BOO HYUN, Assistant Professor of Civil, Environmental, and Construction Engineering (2011), B.S., M.S.E., Ph.D. (University of Texas)

NASEER, SALEH, Professor, Program Coordinator for M.S. Programs (1995), Ph.D. (New Mexico State University)

NASHED, ZUHAIR, Professor of Mathematics (2002), B.S., M.S., Ph.D. (University of Michigan)

NEAL, MARY DARLIN, Assistant Professor of English (2008), B.A., M.A., M.F.A., Ph.D. (University of Southern Mississippi)

NEDOROST, THOMAS, Lecturer of Electrical Engineering and Computer Science (2012), Ed.D. (Arizona State University)

NEEL, STEVEN, Instructor of Communication (2003), B.A., M.A. (University of Central Florida)

NEER, SANDRA, Research Assistant Professor of Psychology (2011), Ph.D. (Louisiana State University)

NEFF, DONNA, Director of Research and Associate Professor, College of Nursing (2013), Ph.D. (Case Western Reserve University)

NEGY, CHARLES, Professor of Psychology (1998), B.A., M.S., Ph.D. (Texas A&M University)

NEIDER, MARK, Assistant Professor of Psychology (2011), Ph.D. (State University of New York at Stony Brook)

NEIGHBOR, J. EDWARD, Director, Space Planning & Analysis and Professor of Psychology (1987), B.S., M.S., Ph.D. (Massachusetts Institute of Technology)

NEUBAUER, CHARLOTTE, Instructor, College of Nursing (2007), B.S.N., M.S.N. (University of Phoenix)

NEUBERGER, LINDSAY, Assistant Professor of Communication (2011), B.A., M.A., Ph.D. (Michigan State University)

NEYAV, ASSISTANT PROFESSOR OF MATHEMATICS (2008), B.S., M.A., Ph.D. (University of California, Los Angeles)

NI, LIQIANG, Associate Professor of Statistics (2003), B.Sc., Ph.D. (University of Minnesota)

NICHELSON, GARY, Instructor of Management (2006), B.S.B, M.B.A. (University of South Florida)

NICKERSON, DAVID M., Chair and Professor of Statistics (1989), B.S., M.S., Ph.D. (University of Florida)
NIESS, CHRISTOPHER, Associate Professor of Theatre (2001), B.A., M.F.A. (Kent State University)

NNADI, FIDELIA N., Associate Professor of Civil, Environmental, and Construction Engineering, Director of Diversity (1994), B.Eng., Ph.D. (Queen's University, Canada, P.E. (Canada, Florida)

NOBLIN, ALICE, Program Director and Assistant Professor of Health Informatics & Information Management (2004), M.B.A., Ph.D. (University of Central Florida)

NOEL, BEN, Director, FIEA (2012), B.S., M.B.A (Rollins College)

NORRIS, ANNE, Professor, College of Nursing (2008), F.A.A.N., B.S.N., M.S., Ph.D. (University of Wisconsin-Madison)

NORRIS-TIRELL, DOROTHY, Associate Professor in Public Administration (2012), Ph.D. (Florida International University)

NOSS, REED F., Provost Distinguished Research Professor of Biology (2002), B.S., M.S., Ph.D. (University of Florida)

NOVATNAK, DANIEL, Instructor of SVAD (2008), B.A., M.S., M.A. (University of Central Florida)

NUSAIR, KHALDOON, A., Associate Professor of Hospitality Management (2007), B.A., M.S. (Technology), M.S. (Management), Ph.D. (Ohio State University)

NUTTA, JOYCE, Associate Professor, College of Education & Human Performance (2007), B.A., M.A., Ph.D. (University of South Florida)

NWAKANMA, OBI, Assistant Professor of English (2011), B.A., M.A., Ph.D. (St. Louis University)

ODONNELL, MICHAEL, Instructor of Management (2010), B.S., M.S. (University of Central Florida)

OETJEN, DAWN, Associate Dean and Professor of Health Management & Informatics (1999), B.S., M.S., Ph.D. (University of Alabama at Birmingham)

OETJEN, REID, Associate Professor in Health Management and Informatics (2008), B.A., M.S., Ph.D. (University of Central Florida)

OKUMUS, FEVZI, Professor of Hospitality Management (2003), B.S., M.S., Ph.D. (Middlesex University, Oxford Brookes University)

OLAN, ELSIE, Assistant Professor, College of Education & Human Performance, FIDELIA N., Associate (2012), B.A., M.A., Ph.D. (Pennsylvania State University)

OLIVEIRA, LEONARDO, Assistant Professor of Internal and Sports Medicine (2011), M.D. (Canada, Florida)

OLIVER, KATHLEEN M., Associate Professor of English (2003), Ph.D. (University of South Florida)

OLOUFA, AMR A., Professor of Civil, Environmental, and Construction Engineering (1998), B.S., M.S., Ph.D. (University of California, Berkeley), P.E. (California)

ONEAL, THOMAS P., Associate V.P. for Research & Commercialization, and Associate Professor of Management (2007), B.S., M.S., M.B.A., Ph.D. (University of Central Florida)

ORIORDAN-ADJAH, CHRIS, Instructor of Civil, Environmental, and Construction Engineering (2003), B.S.C.E., M.S., Ph.D. (University of Central Florida), P.E. (Florida, Michigan)

ORLOVSKAYA, NINA, Associate Professor of Mechanical and Aerospace Engineering (2000), M.S., Ph.D. (Ukrainian Academy of Science)

ORROJO, ALI, Associate Professor of Electrical Engineering and Computer Science (2013), B.S., M.S., Ph.D. (University of Central Florida)

ORTIZ, S. ENRIQUE, Associate Professor, College of Education & Human Performance (1989), B.A., M.A., Ed.D. (Louisiana State University)

OSHEA, DEIRDRE, Instructor of History (2007), B.A., M.A. (University of Central Florida)

OVALLE, MELBA, Associate Professor of Internal Medicine (2013), M.D. (Boston University)

OWENS, LINDEE, Associate Instructor of Writing & Rhetoric (2000), B.A., M.L.S. (University of Mississippi)

OWENS, JR., J. THOMAS, Lecturer, College of Education & Human Performance (2006), B.A., M.S., Ph.D. (Florida State University)

OZOGLU, HAKAN, Associate Professor of History (2007), B.A., M.A., Ph.D. (Ohio State University)

OZTURK, AHMET, B, Assistant Professor of Hospitality Management (2011), Ph.D. (Oklahoma State University)

PABIAN, PATRICK, Program Director and Associate Professor of Physical Therapy (2008), B.S., D.P.T. (University of St. Augustine)

PACE, VICTORIA, Lecturer of Psychology (2013), B.A., M.A., Ph.D. (University of South Florida)

PAGE, MARY S., Associate Director for Collections & Technical Services (2010), B.A., M.L.S. (Rutgers University)

PAL, SUDESHA, Lecturer of Mechanical and Aerospace Engineering (2013), B.Tech., M.Tech., Ph.D. (Indian Institute of Technology)

PAOLINE, EUGENE A., Assistant Professor of Criminal Justice (2001), B.S., M.A., M.S., Ph.D. (State University of New York at Albany)

PARK, HUNG SAM, Lecturer of Sociology (2013), B.A., M.A., Ph.D. (University of Florida)

PARK, SHELLEY M., Associate Professor of Philosophy and Humanities (1990), B.A., M.A., Ph.D. (Duke University)

PARKINSON, CHRISTOPHER L., Professor of Engineering (2001), B.S., M.S., Ph.D. (University of Louisville)

PARRA, MARISOL, Lecturer of Psychology (2013), B.A., M.A., Ph.D. (Florida Atlantic University)

PARSONS, CARLA, Externship Coordinator of Communication Sciences and Disorders Clinic (2002), B.S., M.S. (Southern Illinois University)

PARTHASARATHY, SAPMATH, Professor, Associate Director, and Interim Associate Dean for Research (2011), Ph.D (Indian Institute of Science)

PATINO-MARIN, PEDRO R., Lecturer of Chemistry, Associate Chair, and Undergraduate Advisor of Chemistry (2006), B.S., Ph.D. (University of Florida)

PATTANAISKUMANTA, Associate Professor of Electrical Engineering and Computer Science (2001), B.S., M.S., Ph.D. (Birla Institute of Technology and Science)

PAULSON, DANIEL, Assistant Professor of Psychology (2013), B.S., M.A., Ph.D. (Wayne State University)

PAULSON, JOYCE, Assistant Professor of Internal Medicine (2011), M.D. (University of South Florida)

PAYER, ANDREW, Professor of Anatomy (2009), Ph.D. (Loyola University)

PAZOUR, JENNIFER, Assistant Professor of Industrial Engineering (2011), B.S.I.E., M.S.I.E., Ph.D. (University of Arkansas)

PEARL, ROBERT E., Professor of Physics (1991), B.A., M.S., Ph.D. (Cornell University)

PELLI, MOSHE, Abe and Tess Wise Endowed Professor of Judaic Studies and Program Director, Judaic Studies Program (1985), B.S., Ph.D. (The Dropsie College)

PENSKY, MARIANNA Y., Professor of Mathematics (1995), B.Sc., M.Sc., Ph.D. (Moscow University)

PEPPER, RICHARD, Associate Dean of Faculty and Academic Affairs, Interim Director of Bumert School of Biomedical Sciences, and Professor of Anatomy (2007), B.A., Ph.D. (University of Kansas)

PEREZ, MANUEL, Assistant Professor of Nanoscience Technology and Secondary Joint Associate Professor of Chemistry (2005), B.S., M.S., Ph.D. (Boston University)

POMERLEAU, JULIE, Instructor of Spanish (2003), B.A., M.S. (University of Barcelona, Spain)

PORTER, ROBERT, Professor of Theatre (2008), B.S., M.F.A. (University of Florida)
ROBINSON, E. BRADY, Associate Professor of SVAD (2005), B.A., M.F.A. (Cranbrook Academy of Art)

ROBINSON, E. H. MIKE, Chair, Director and Professor, College of Education & Human Performance (1997), B.A., M.Ed., Ph.D. (Duke University)

ROBINSON, MATTHEW, Visiting Instructor of Health Sciences (2010), B.S., M.S. (East Carolina University)


ROCKMORE, B. WAYNE, Lecturer of Management (2001), B.S., M.S., Ph.D. (University of Georgia)

RODRIGUEZ-MILANES, CELICIA Y., Associate Professor of English (1999), B.A., M.A., D.A. (University at Albany, New York)


ROSENSTEIN, LITA A., (1997), B.S., M.S., Ph.D. (University of Wisconsin)

ROUSE, ROBERT, (1998), B.A., M.S., Ph.D. (University of Arkansas)

ROUX, KEVIN, (2005), B.A., M.A., Ph.D. (University of Illinois at Urbana-Champaign)

ROSA-LUGO, LINDA L., Associate Professor of Communication Sciences and Disorders (1995), B.S., M.S., M.Ed. Ed.D. (Teacher’s College, Columbia University)

ROSÍK, JEFFREY, Assistant Professor of Criminal Justice (2010), Ph.D. (Washington State University)

ROSS, LEE E., Associate Professor of Political Science (2005), B.A., M.A., Ph.D. (University of Michigan)


ROTARIU, TIMOTHY M., Professor of Health Management & Informatics (1996), B.A.A., M.B.A., Ph.D. (Texas Tech University)


ROUSH, PAMELA B., Associate Professor of Accounting (1989), B.A., M.B.A., Ph.D. (Georgia State University)

ROUGHTIER, MARK, Assistant Professor of Theatre (2012), B.A. M.F.A. (New York University)

ROVITO, MICHAEL, Lecturer in Health Sciences (2011), Ph.D. (Temple University)

ROY, HERVE, Assistant Professor (2011), Ph.D. (University of Strasbourg)

RUBENKING, BRIDGET, Assistant Professor of Communication (2012), Ph.D. (Indiana University)

RUPERT, JEFFREY, Professor of Mathematics (1995), B.M., M.M. (Rutgers University)

RUSHIN, PATRICK J., Associate Professor of English (1983), B.A., M.A. (Johns Hopkins University)

RUSNOW, JOSEPH S., Associate Professor of Theatre (1985), B.A., M.F.A. (University of Minnesota)

RUSSELL, WILLIAM, Associate Professor, College of Education & Human Performance (2007), B.A., M.Ed., Ph.D. (Florida State University)


SADRI, HOUMAN A., Associate Professor of Political Science (1995), B.A., M.A., Ph.D. (University of Virginia)

SAHA, HARIPADA, Professor of Physics (1971), B.A., Ph.D. (University of Calcutta)

SALAS, EDUARDO, Professor of Psychology, Trustee Chair, and University Professor (1985), B.A., M.S., Ph.D. (Old Dominion University)

SALAZAR, SERGIO, Assistant Professor of Internal Medicine (2013), M.D. (American University of the Caribbean)

SALEH, BAHAA E. A., Dean and Director, Professor of Optics (2009), Ph.D. (Johns Hopkins University)

SALEH, SUHA, Program Director and Assistant Professor of Health Sciences (2010), M.T., Ph.D. (Kansas State University)

SALGADO, MARXA, Instructor of Social Work (2010), B.A., M.S.W. (Fordham University)

SALISBURY, BRIAN, Research Associate, FIEA (2005), B.A., M.F.A. (University of Florida)

SAMPO, CARLA JACKIE, Instructor and Internship Director of Health Services Administration (2013), B.B.A., M.B.A.M.S., FACHE (Temple University)

SAMSA, MOHTASHEM, Assistant Professor (2004), Ph.D. (University of Salamanca), M.D. (Kurt Szent-Gyorgyi Medical University)

SANBORN, JOSEPH B., Associate Professor of Criminal Justice (1994), B.A., M.A., Ph.D. (State University of New York at Albany)

SANDLER, BARRY, Associate Professor of SVAD (2003), B.A., M.F.A. (University of California at Los Angeles)

SANDLITZ, JENNIFER, Assistant Professor of Communication (2011), B.A., M.D.R., Ph.D. (University of New Mexico)

SANTANA, MARIA C., Director of Women’s Studies and Associate Professor of Digital Media (1995), B.A., M.A., Ph.D. (Temple University)

SATRES, SWADESHMUKUL, Associate Professor of Nanoscience Technology, Joint Associate Professor of Chemistry, and Secondary Joint Associate Professor of Materials Science and Engineering (2005), B.S., M.S., Ph.D. (Indian Institute of Technology)

SAUNDERS, CAROL S., Professor of Management (2001), B.A., M.B.A., Ph.D. (University of Houston)

SAUNDERS, STEVEN, Lecturer of Psychology (2007), Psy.D. (Illinois School of Professional Psychology)

SCHAFFER, MARK, Professor of Political Science (2011), B.A., M.A., Ph.D. (Arizona State University)

SCHAFER, MARGARET K., Associate Director for Public Services (1984), B.A., M.L.S., M.B.A. (University of Central Florida)

SCHARRON, ELADIO, Associate Professor of Music (1999), D.M.A. (Eastman School of Music)

SCHELL, JOHN F., Instructor of Legal Studies and Director of Center for Law and Policy (2012), B.A., J.D. (University of Florida)

SCHEMMKE, MARSHALL, Professor of Management (1999), B.S., M.S., Ph.D. (Carnegie Mellon University)

SCHNEIDER, CHARLES R., Associate Professor of Finance (2002), B.S., M.S., Ph.D. (Washington University)

SCHOBER, CONSTANCE, Professor of Mathematics (2002), B.S., M.S., Ph.D. (University of Arizona)

SCHONFIELD, WINSTON V., Associate Professor of Optics and Director FESC (2004), Ph.D. (University of California, Santa Barbara)

SCHOTT, JAMES R., Professor of Statistics (1982), B.S., M.S., Ph.D. (University of Florida)

SCHOTT, SUSAN C., Associate Instructor of Statistics (1982), B.S., M.S. (University of Florida)

SCHULTE, ALFONS, Professor of Physics (1990), Diploma in Physics, Dr. rer. nat. (Technische Universitat Munich)

SCHULTZ, JOHN J., Associate Professor of Anthropology and Undergraduate Coordinator (2003), B.A., M.S., Ph.D. (University of Florida)


SCHULZEN, AXEL, Professor of Optics (2009), Ph.D. (Humboldt-University of Berlin)

SCHUMACHER, PAUL, Associate Professor of Surgery (2008), M.D. (University of Miami)

SCHUTZ, CATHERINE I., Instructor of Writing & Rhetoric (2004), B.A., M.A. (University of Pennsylvania)

SCHWARTZ, JAMIE, Associate Professor of Communication Sciences and Disorders (1997), A.A., B.A., M.A., Ph.D. (University of Florida)

SCOTT, BERT, Associate Professor of Theatre (2003), B.S., M.F.A. (University of North Carolina, Greensboro)

SCOTT, JANICE S., Lecturer of Legal Studies (2003), B.A., J.D. (Barry University School of Law)

SCOTT, JOHN B., Professor of Writing & Rhetoric (2002), B.A., M.A., Ph.D. (University of Central Florida)

SCRIGNO, DAVID O., Assistant Professor of Economics (2001), B.S., M.A., Ph.D. (University of New Mexico)

SEAL, SUDIPTA, Professor of Materials Science and Engineering (1997), Ph.D. (University of Wisconsin)

SCHMIDT, CYNTHIA, Lecturer of Legal Studies and Director of Center for Law and Policy (2012), B.A., J.D. (University of Florida)

SCHMUNKE, MARSHALL, Professor of Management (1999), B.S., M.S., Ph.D. (Carnegie Mellon University)
SEELEY, KATHERINE, Instructor, College of Education & Human Performance (2002), B.A., M.A. (Western Michigan University)
SEIDEL, KATHRYN L., Professor of English (1986), B.A., M.A., Ph.D. (University of Maryland)
SELF, WILLIAM, Associate Professor (2003), Ph. D. (University of Florida)
SEMONES, MEREDITH C., Associate Librarian (1965), B.A., M.L.S. (University of Maryland)
SEMRAUD, KELLY, Assistant Professor of Hospitality Management (2013), B.S., M.S., Ph.D. (University of Central Florida)
SEPPULVEDA, JOSE A., Associate Professor of Engineering (1981), B.S.Ch.E., M.S.I.E., M.P.H., Ph.D. (University of Pittsburgh)
SEVERT, DENVER, Associate Professor of Hospitality Management (2003), B.B.A., MBA, Ph.D. (Virginia Polytechnic University)
SEYEDI, ALIREZA, Visiting Assistant Professor of Electrical and Computer Engineering (2012), Ph.D. (Rensselaer Polytechnic Institute)
SHAFFER, JOHN, Associate Professor of Theatre (2002), B.F.A., M.F.A. (Rutgers University)
SHAH, LAWRENCE, Research Assistant Professor of Optics (2012), M.S., Ph.D. (University of Central Florida)
SHAH, MUBARAK, Trustee Chair Professor of Electrical Engineering and Computer Science (1986), B.E., M.S., Ph.D. (Wayne State University)
SHBEEB, GIDEON, Instructor of SVAD (2013), B.S., M.I.T. (Southern Methodist University)
SHIVAMOGGI, BHIMSEN, Professor of Mathematics and Secondary Joint Professor of Physics (2006), B.S., M.S., Ph.D. (University of Colorado, Boulder)
SHORT, EDMOND, Associate Faculty, College of Education & Human Performance (1999), B.S., M.Ed., Ed.D. (Columbia University, Chicago)
SHRAUER, KRISTINE J., Head, Interlibrary Loan/Document Delivery and Assistant Librarian (2004), B.S., M.L.I.S. (University of Wisconsin)
SHUAI, ZHISHENG, Assistant Professor of Mathematics (2012), Ph.D. (University of Alberta, Canada)
SHUMAKER, RANDALL P., Director, Institute for Simulation & Training and Professor of Engineering (2002), B.S., M.S.E., Ph.D. (University of Pennsylvania)
SIDDIGI, SHADAB, Assistant Professor (2009), Ph.D. (University of Lucknow)
SIGMAN, MICHAEL, Professor of Chemistry and Secondary Joint Professor of Optics (2002), B.S., Ph.D. (Florida State University)
SÍKORSKA-SIMMONS, ELZBIETA, Associate Professor of Sociology (2002), M.A., Ph.D. (University of Maryland)
SIMAAN, MARWAN, Professor of Electrical and Computer Engineering (2008), Ph.D. (University of Illinois at Urbana-Champaign), P.E.
SIMMS-CENDA, JUDITH, Associate Professor of Obstetrics and Gynecology (2010), M.D. (University of Florida)
SIMS, VALERIE, Associate Professor of Psychology (1998), B.A., M.S., Ph.D. (University of California Santa Barbara)
SINELLI, PETER T., Lecturer of Anthropology (2000), B.S., M.A., Ph.D. (University of Florida)
SINGH, DIPENDRA, Assistant Professor of Hospitality Management (2011), M.S., Ph.D. (University of Nevada, Las Vegas), Ph.D. (University of Florida)
SINGLA, DINENDER, Associate Professor (2007), Ph.D (Postgraduate Institute of Medical Education and Research) (2015), Ph.D. (University of Florida)
SIVO, STEPHEN A., Professor, College of Education & Human Performance (2008), B.A., M.A., Ph.D. (Franciscan University of Steubenville)
SLAUGHTER, DAVID B., Legal Studies Program Coordinator and Assistant Professor of Legal Studies (1978), B.A., J.D. (Florida State University)
SMITH, AARON, Lecturer of Mathematics (2012), Ph.D. (University of Florida)
SMITH, EILEEN, Research Associate, SVAD (2007), B.A., M.A. (University of Louisville)
SMITH, GERALD, Associate Professor of Physical Therapy (2004), Ph.D. (Medical College of Virginia, Virginia Commonwealth University)
SMITH, JO ANN, Assistant Professor of Public Administration (2010), Ph.D. (University of Central Florida)
SMITH, PETER A., Assistant Medical Professor of SVAD (2013), B.S., Ph.D. (University of Central Florida)
SMITH, SCOTT V., Instructor of Accounting (1996), B.S., M.B.A. (Loyola College)
SMITH, STANLEY D., Professor of Finance (1996), B.B.A., M.B.A., Ph.D. (Arizona State University)
SMITH, JANAN A., Professor of Psychology (1990), B.S., M.A., Ph.D. (Johns Hopkins University)
SNYDER, NEVINE, Associate Faculty, College of Education & Human Performance (2012), B.A., M.Ed., Ed.S., Ph.D. (University of Florida)
SNYDER, TARA, Assistant Professor of Theatre (2011), B.M., M.F.A. (University of Central Florida)
SOHN, YONG-HO, Professor of Materials Science and Engineering (2001), Ph.D. (Purdue University)
SOILEAU, MARION J., Vice President, Research & Commercialization and Professor of Optics & EECS (1987), B.S., M.S., Ph.D. (University of Southern California)
SOLE, MARY LOU, Internim Dean and Orlando Health Distinguished Professor, College of Nursing (1991), F.A.A.N., M.S.N., Ph.D. (University of Texas)
SOLLARI, VLADIMIR, Associate Professor of History (2003), B.A., Ph.D. (Moscow State University)
SONG, HOUJIN, Assistant Professor of Biology (2006), Ph.D. (Ohio State University)
SONG, ZIXIA, Associate Professor of Mathematics (2008), B.S., M.S., Ph.D. (Georgia Institute of Science)
SOSKIN, MARK D., Associate Professor of Economics, Daytona Campus (1988), B.A., M.A., Ph.D. (Pennsylvania State University)
SORO-ESTEVÁ, WALTER D., Instructor of Biology (2001), B.S., Ph.D. (Indiana University)
SPALDING, LEE-ANNE, Instructor, College of Education & Human Performance (2004), B.S., M.Ed. (University of Central Florida)
SPENCER, STEVEN C., Lecturer of SVAD (2003), B.S., M.F.A. (Louisiana State University)
SPINA, GRAZIA, Instructor of Italian (2002), B.A., M.A. (University of Genoa, Italy)
SPRYS-DURAN, PETER, Associate Librarian (1996), B.A., M.A.I.S. (University of South Florida)
ST. CLAIRE, SYBIL, Assistant Professor of Theatre (2006), B.A., M.A., M.F.A. (Goddard College)
STACK, ALLISON, Instructor of Writing & Rhetoric (2011), B.S., M.A. (University of Florida)
STANLEY, KENNETH, Associate Professor of Electrical Engineering and Computer Science (2006), B.S., M.S., Ph.D. (University of Texas)
STANLEY, LOU, Instructor, College of Education & Human Performance (2003), B.S., M.Ed. (Nova University)
STANLICK, NANCY, Associate Professor of Philosophy, Assistant Dean (1999), B.A., M.A., Ph.D. (University of South Florida)
STAP, DONALD L., Professor of English (1985), B.A., Ph.D. (University of Utah)
STEINBUESCH, E., Interim Director of Latin American Studies Program (1987), B.A., M.A., Ph.D. (Florida State University)
STEEN, JULIE, Assistant Professor of Social Work (2008), B.A., M.S.W., Ph.D. (Florida State University)
STEPHENS, DANIEL, Instructor of Public Administration (2012), M.P.A.
STEPHENS, JOANNE, Associate Professor of Music (1994), B.M., M., D.M.A. (University of Illinois)
STOCK, AXEL, Associate Professor of Marketing (2003), M.S., Ph.D. (Purdue University)
STOECKL, JULIETTA, Associate Professor of SVAD (2001), Graduate Diploma, M.F.A. (Institut fuer Filmmgestaltung (Hochschule fuer Gestaltung))
STOLBOV, SERGEY, Associate Professor of Physics (2006), M.S., Ph.D. (Rostove State University, Russia)
STOREY, VALERIE, Associate Professor, College of Education & Human Performance (2012), B.Ed., M.Ed., Ph.D. (Vanderbilt University)
STOUT, JEFFREY, Associate Professor, College of Education & Human Performance (2012), B.A., M.P.E., Ph.D. (University of Nebraska)
STRASWER, MICHAEL, Chair and Associate Professor of Philosophy (2002), B.A., M.A., Ph.D. (Florida State University)
STURM, RAY R., Lecturer of Finance (2006), B.A., M.S.T., Ph.D. (Florida Atlantic University)
SU, MING, Secondary Joint Professor of Electrical and Computer Engineering (2004), Ph.D. (Northwestern University)
SUN, SHIBAO, Lecturer of Electrical and Computer Engineering (2013), Ph.D. (George Washington University)
SUGAYA, KIMINOBU, Professor (2004), Ph.D. (Science University of Tokyo)
SUN, QIYU, Associate Professor of Mathematics (2003), B.S., Ph.D. (Hangzhou University)
SUNDARAM, KALPATHY B., Graduate Coordinator and Professor of Electrical and Computer Engineering (1987), B.S., B.E., M.T., Ph.D. (Indian Institute of Technology, Bombay)
SUNG, STELLA, Professor of Digital Media, Editor of CREATE, Professor of Music, and Pegasus Professor (1991), B.A., M.F.A., D.M.A. (University of Texas)
SUPER, JOHN, Postdoctoral Associate, College of Education & Human Performance (2013), B.A., M.A., Ph.D. (University of Central Florida)
SURETT, RAY, Instructor of SVAD (2014), B.S., M.E. (University of Florida)
SUTTON, STEVE G., Chairholder, KPMG Professors and Professor of Accounting (2005), B.S., M.A., Ph.D. (University of Missouri)
SUTTON, WILLIAM A., Professor of Sport Business Management (2003), B.S., M.A. (University of Oklahoma)
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESONE, DANA</td>
<td>Professor of Hospitality Management 2001, 2001, B.S., M.S., Ph.D. (Nova Southeastern University)</td>
</tr>
<tr>
<td>TETER, KENNETH</td>
<td>Associate Professor 2003, Ph.D. (University of California)</td>
</tr>
<tr>
<td>TETAXON, TERRY A.</td>
<td>Associate Professor of English 2002, B.A., M.A., M.F.A. (Vermont College)</td>
</tr>
<tr>
<td>THEEN, TERRELL</td>
<td>Instructor of SVAD 2000, B.A. M.S. (Indiana University)</td>
</tr>
<tr>
<td>THOMAS, JAYAN</td>
<td>Assistant Professor of Nanoscience and Technology 2011, Ph.D. (Cochin University of Science and Technology)</td>
</tr>
<tr>
<td>THOMAS, KEVIN</td>
<td>Instructional Specialist 2013, M.S. (University of Central Florida)</td>
</tr>
<tr>
<td>THOMAS, PAMELA S.</td>
<td>Instructor of Biology 2000, B.S., M.S. (University of Central Florida)</td>
</tr>
<tr>
<td>THOMPSON, BRENDA</td>
<td>Faculty Administrator, College of Education &amp; Human Performance 2006, B.S., M.Ed., Ed.D. (Virginia Polytechnic Institute and State University)</td>
</tr>
<tr>
<td>THOMPSON, WILLIAM J.</td>
<td>Undergraduate Coordinator, Assistant Professor of Engineering 1995, B.S., M.S.E., Ph.D. (Arizona State University)</td>
</tr>
<tr>
<td>TIDWORTH, ROBERT</td>
<td>Instructor of Music 2002, B.M., M.M. (Indiana University)</td>
</tr>
<tr>
<td>TIAN, TIAN</td>
<td>Lecturer of Mechanical and Aerospace Engineering 2011, B.E., Ph.D. (University of Nebraska)</td>
</tr>
<tr>
<td>TIAN, YU</td>
<td>Assistant Professor of Accounting 2011, B.A., MACC, Ph.D. (University of South Carolina)</td>
</tr>
<tr>
<td>TIRADO-GONZALEZ, ALFREDO</td>
<td>Assistant Professor of Emergency Medicine 2013, M.D. (University of Puerto Rico)</td>
</tr>
<tr>
<td>TOBIAS, SCOTT</td>
<td>Assistant Professor of Dance 2011, B.M., M.M., D.M.A (University of Georgia)</td>
</tr>
<tr>
<td>TANG, MARSHALL</td>
<td>Associate Professor of Electrical Engineering and Computer Science 2006, B.S., M.S., Ph.D. (Massachusetts Institute of Technology)</td>
</tr>
<tr>
<td>TAV, SCOTT</td>
<td>Assistant Professor of Biology 2009, B.S., M.A., M.F.A. (University of Central Florida)</td>
</tr>
<tr>
<td>TAYLOR, JENNIFER</td>
<td>Lecturer of Writing &amp; Rhetoric 2012, B.A., M.A., Ph.D. (Tulane University)</td>
</tr>
<tr>
<td>TAYLOR, ROSEMARY</td>
<td>Professor, College of Education &amp; Human Performance 2000, B.A., M.Ed., Ph.D. (Georgia State University)</td>
</tr>
<tr>
<td>TEL, PETER</td>
<td>Associate Lecturer of English 1998, B.A., M.A. (University of Central Florida)</td>
</tr>
<tr>
<td>TERRY, MICHAEL</td>
<td>Instructor of Hospitality Management 2006, B.S., M.B.A. (Southern Illinois University)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRESNA, SHANE</td>
<td>Visiting Instructor, College of Education &amp; Human Performance 2012, B.A., M.A., Ph.D. (University of Central Florida)</td>
</tr>
<tr>
<td>TRIPP, MARY</td>
<td>Instructor of Writing &amp; Rhetoric 2010, B.A., M.A., Ph.D. (University of Central Florida)</td>
</tr>
<tr>
<td>TROMPETER, GREGORY M.</td>
<td>Chairholder, C.G. Avery Professorship, Professor of Accounting 2008, B.S., M.B.A., Ph.D. (University of Wisconsin)</td>
</tr>
<tr>
<td>TROUW, DAWN</td>
<td>Professor of English 1997, B.A., M.A., Ph.D. (Rice University)</td>
</tr>
<tr>
<td>TUCKER, JENNIFER</td>
<td>Lecturer of Physical Therapy 2008, B.S., M.S., D.P.T. (University of South Alabama)</td>
</tr>
<tr>
<td>TURNCU, ANCA</td>
<td>Lecturer of Political Science 2000, B.A., M.A., Ph.D. (University of Texas at Dallas)</td>
</tr>
<tr>
<td>TURGUT, DAMLA</td>
<td>Associate Professor of Electrical Engineering and Computer Science 2002, B.S., M.S., Ph.D. (University of Texas at Arlington)</td>
</tr>
<tr>
<td>TURKOWSKI, VOLODYMYR</td>
<td>Assistant Research Professor of Physics 2009, Ph.D. (Highest Attestation Ukrainian)</td>
</tr>
<tr>
<td>TURNAGE, DAWN</td>
<td>Instructor, College of Nursing 2013, B.S.N., M.S.N. (University of Central Florida)</td>
</tr>
<tr>
<td>TWEED, MEREDITH</td>
<td>Instructor of Women’s Studies 2011, B.A. M.A. (University of Central Florida)</td>
</tr>
<tr>
<td>UNDERWRIGHT, NATE</td>
<td>Assistant Professor of SVAD 2004, B.A., M.A., Ph.D. (Indiana University)</td>
</tr>
<tr>
<td>UNDERWOOD, NORA</td>
<td>Instructor of Economics 2003, B.A., Ph.D. (University of California, Davis)</td>
</tr>
<tr>
<td>UNRUH, LYNN Y.</td>
<td>Professor of Health Management &amp; Informatics 2000, R.N., B.S.N., M.A., Ph.D. (University of Notre Dame)</td>
</tr>
<tr>
<td>URBIE-ROMO, FERNANDO J.</td>
<td>Assistant Professor of Chemistry 2013, B.S., Ph.D. (University of California Los Angeles)</td>
</tr>
<tr>
<td>UTCH, HAROLD A., JR.</td>
<td>Assistant Professor of Communication Sciences and Disorders 1981, B.S., M.S., Ph.D. (Florida State University)</td>
</tr>
<tr>
<td>VADAKKEPATT, GAUTHAM</td>
<td>Assistant Professor of Marketing 2010, B.Tech., M.E., M.S., Ph.D. (Texas A&amp;M University)</td>
</tr>
<tr>
<td>VAIMYDATHAN, RAJAN</td>
<td>Associate Professor of Materials Science and Engineering 2001, Ph.D. (Massachusetts Institute of Technology)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAJRAVELU, KUPPALAPALLE</td>
<td>Professor of Mathematics and Mechanical and Aerospace Engineering 1984, B.A., M.S., Ph.D. (Indian Institute of Technology)</td>
</tr>
<tr>
<td>VAJRAVELU, RANI</td>
<td>Associate Lecturer of Biology 1999, B.S., M.S., Ph.D. (University of Madras)</td>
</tr>
<tr>
<td>VALDES, ANNA</td>
<td>Instructor, College of Education &amp; Human Performance 2006, B.A., M.A. (University of Central Florida)</td>
</tr>
<tr>
<td>VALDEZ, CARLOS</td>
<td>Lecturer of Marketing 2005, B.S., M.B.A., Master in Marketing, Ph.D. (Tecnologico de Monterrey at Monterrey Mexico)</td>
</tr>
<tr>
<td>VAN HORN, STACY</td>
<td>Instructor, College of Education &amp; Human Performance 2010, B.A., M.S., Ed.D. (University of Central Florida)</td>
</tr>
<tr>
<td>VAN NIEKERK, MATHILDA</td>
<td>Assistant Professor of Hospitality Management 2012, B.A., M.A. (Hons), Ph.D. (North-West University in South Africa)</td>
</tr>
<tr>
<td>VAN STRYLAND, ERIC W.</td>
<td>Professor of Optics, Physics, &amp; ECE 1987, M.S., Ph.D. (University of Arizona)</td>
</tr>
<tr>
<td>VARDYKEGH, MARTINE</td>
<td>Professor of Communication Sciences and Disorders 1994, B.S., M.S., Ph.D. (Southern Illinois University)</td>
</tr>
<tr>
<td>VARGHOLIK, PAUL</td>
<td>Research Associate Fellow 2011, B.A., M.S., Ph.D. (University of Central Florida)</td>
</tr>
<tr>
<td>VASQUEZ, ELEAZAR</td>
<td>Assistant Professor, College of Education &amp; Human Performance 2009, B.S., M.A., Ph.D. (University of Arizona)</td>
</tr>
<tr>
<td>VASQUEZ, JOSEPH PAUL</td>
<td>Lecturer of Political Sciences 2011, B.A., M.A., Ph.D. (University of Notre Dame)</td>
</tr>
<tr>
<td>VASU, SUBITH</td>
<td>Assistant Professor of Mechanical and Aerospace Engineering 2012, B.Tech., M.Tech., Ph.D. (Stanford University)</td>
</tr>
<tr>
<td>VEIT, MARCIA R.</td>
<td>Instructor of Accounting 1979, B.A., M.B.A. (University of Arizona)</td>
</tr>
<tr>
<td>VELISARRIS, CHRISTOS</td>
<td>Lecturer of Physics 2006, M.S., Ph.D. (University of Rochester)</td>
</tr>
<tr>
<td>VERDUN, MARCY</td>
<td>Associate Dean for Students and Associate Professor of Psychiatry 2007, M.D. (University of Florida)</td>
</tr>
<tr>
<td>VERITY, NICOLE</td>
<td>Instructor 2009, B.S. (University of Central Florida)</td>
</tr>
</tbody>
</table>
VERKLER, KAREN W., Associate Professor, College of Education & Human Performance (1995), B.A., M.Ed., Ph.D. (University of Florida)

HARRISON, LEWIS, B.A., M.A., Ph.D. (University of Colorado)

VIE, STEPHANIE, Associate Professor of Writing & Rhetoric (2013), B.A., M.A., Ph.D. (University of Arizona)

VIEN, ANDREA, Assistant Professor of Political Science (2011), B.G.S., M.A., Ph.D. (University of Kansas)

VIGGIANO, CHARLES A., Instructor of Management (2001), B.S., M.B.A. (University of Central Florida)


VON HOLLE, MARY B., Chair and Associate Professor of Communication (2009), B.A., M.A., Ph.D. (University of Massachusetts)

VODOPOYANOV, KONSTANTIN, Associate Professor of Visual Communication (2007), B.A., B.S., Ph.D. (University of Tennessee)

von KALM, LAURENCE H., Interim Chair and Associate Professor of Biology (1998), B.S., Ph.D. (Monash University, Australia)

VOSOUGHI, AZADEH, Associate Professor of Electrical and Computer Engineering (2012), Ph.D. (Cornell University)

VOSS, KIMBERLY W., Associate Professor of Communication (2009), B.A., M.A., Ph.D. (University of Maryland)

WAESCHE, JESSICA, Lecturer, Department of Psychology (2013), B.A., M.S., Ph.D. (Florida State University)

WAHID, PARVEEN F., Professor of Electrical and Computer Engineering (1984), B.S., M.S., Ph.D. (Indian Institute of Science, Bangalore)

WALDEN, AMANDA, Instructor of Health Informatics and Information Management (2012), B.A., M.H.S.A., R.H.I.A. (University of Central Florida)

WALKER, EZEKIEL A., Associate Professor of History (1989), B.A., M.A., Ph.D. (Michigan State University)

WALKER, JOHN H., Associate Professor of Anthropology (2008), B.A., Ph.D. (University of Pennsylvania)

WALLS, DOUGLAS, Assistant Professor of Writing & Rhetoric (2011), B.A., M.A., Ph.D. (Michigan State University)

WALKER, CHRISTINE, Visiting Instructor, College of Education & Human Performance (2012), B.S., M.Ed. (College of Charleston)

WALSH, MARALEE, Instructor of Social Work (2007), B.S., M.S.W., Ph.D. (Fordham University)

WALTERS, CYNTHIA, Instructor, College of Education & Human Performance (2007), B.S., M.Ed. (Aquinas College)

WALTZER, LINDA J., Professor of History (2003), B.A., M.A., Ph.D. (University of South Carolina)

WALTZER, LORI, Assistant Professor of History (2003), B.A., M.A., Ph.D. (Florida State University)

WALTER, DEEDRA, Electronic Resources Librarian, College of Medicine (2009), M.S.L. (Texas Woman’s University)

WATSON, THOMAS T.H., Associate Dean and Professor of Health Management & Informatics (2003), Ph.D. (University of Georgia)

WANG, ALVIN Y., Dean of Burnett Honors College and Professor of Psychology (1987), B.A., Ph.D. (State University of New York at Stony Brook)

WANG, DING BAO, Professor of Civil, Environmental, and Geological Engineering (1987), B.S., M.S., Ph.D. (University of Cincinnati)

WEI, LEI, Associate Professor of Electrical and Computer Engineering (2001), B.S., M.S., Ph.D. (University of South Australia)

WEISCHAMPEL, JOHN, Professor of Biology (1995), B.S., M.A., Ph.D. (University of Central Florida)

WELCH, GREGORY, Professor, College of Nursing (2013), B.S., M.S., Ph.D. (University of North Carolina at Chapel Hill)

WEREMCHUK, GEORGE, Associate Professor of Music (1998), B.M., M.M., M.A. (University of Miami)

WESSEL, PHILIP, Instructor of Health Management and Informatics (2012), B.A., M.H.A. (Baylor University)

WEST, LAWRENCE, Associate Professor in Health Management & Informatics (1996), B.A., M.B.A., Ph.D. (Texas A&M University)

WHEELER, SANDRA, Dean of Academic Affairs and Research, College of Education & Human Performance (2001), B.A., M.A., Ph.D. (Indiana University)

WHITING, KARIN, Associate Professor of Electrical Engineering and Computer Science (2011), B.A., M.S. (Beloit College)

WHITNEY, PREMILA, Instructor of Hospitality Management (2010), B.S., M.A. (Washington State University)

WHITTEM, SHANNON N., Lecturer of Psychology (2003), B.A., M.S., Ph.D. (University of California, Los Angeles)

WHYTE, ANN MARIE, Associate Professor of Finance (1998), B.A., M.B.A., Ph.D. (Florida Atlantic University)

WILKINSON, MICHAEL, Assistant Professor of Music (2011), B.A., M.M., M.A. (Arizona State University)

WILSON, BRUCE M., Professor of Political Science (1998), B.A., M.A., Ph.D. (Washington University in St. Louis)

WILSON, KATHERINE, Associate Professor of Anthropology (2000), B.S., M.A., Ph.D. (University of Wisconsin-Madison)

WILLIAMS, LANA, Lecturer of Anthropology (2012), Ph.D. (University of Western Sydney)

WILSON, JACQUELINE, Field Education Coordinator and Instructor of Social Work (2008), B.S., M.S.W. (Florida State University)

WHITE, ROSEANN S., Professor Emerita, and Associate Director of Burnett School of Biomedical Sciences (1998), Ph.D. (University of Texas Southwestern Medical School)

WICKEN, ISABELL, Research Assistant of Psychology (2013), Ph.D. (University of Connecticut)


WISE, WILLIAM, Associate Professor, College of Education & Human Performance (1998), B.A., M.Ed., Ed.S., Ph.D. (University of Florida)

WITHERS, JACQUELINE, Field Education Coordinator and Instructor of Social Work (2008), B.S., M.S.W. (Florida State University)
HESTON, GRANT J., Associate Vice President, Communications and Public Affairs (2007), B.S., M.B.A. (University of Central Florida)

HINKLE, ROSS, Vice Provost and Dean, College of Graduate Studies, and Professor of Biology (2007), B.A., M.S., Ph.D. (University of Tennessee)

HITT, JOHN C., President, the University and Professor of Psychology (1992), B.A., M.S., Ph.D. (Tulane University)

HOFFMANN, KAREN, Director, Counseling and Psychological Services (2002), B.A., M.A., Ph.D. (Texas A&M University)

HOLMES, STEPHEN, Associate Vice President, Academic Initiatives, UCF Regional Campuses and Associate Professor of Criminal Justice (1997), B.S., M.A., Ph.D. (University of Cincinnati)

HOLMES JR., ROBERT J., Vice President for Alumni Relations and Development and Chief Executive Officer, UCF Foundation. (1998), B.A., M.A. (University of Maine)

HOLMEHUSEN, KURT DANIEL C., Vice President for University Relations, Senior Counsel to the President, and Director, Governmental Relations (1995), B.S., M.Ed., Ph.D. (Florida State University)

HOSWE, PEGGY, Director, Business Services (2006), B.A., M.A., M.H.S. (University of Central Florida)

ISAAC, ULLA, Interim Director, Office of Experiential Learning (1998), B.A., M.S. (State University of New York at Albany)

JACKSON, WAYNE, Director, Multicultural Academic and Support Services (2007), B.A., M.A. (Dallas Theological Seminary)

JARLEY, PAUL, Dean and Professor, College of Business Administration (2012), B.S., M.A., Ph.D. (University of Wisconsin-Madison)

JARRELL-COLE, MARGARET, Associate Vice President, Administration and Legal Counsel, UCF Foundation (2003), LL.M., J.D. (University of Florida)

JASMINE JANA L. GH, Associate Dean, College of Graduate Studies and Professor of Sociology (1999), B.A., M.A., Ph.D. (University of New Hampshire)

JOHNSON, MICHAEL D., Dean, College of Sciences and Professor of Physics (1990), B.S., Ph.D. (University of Virginia)

JONES, J. JEFFREY, Vice Provost, UCF Regional Campuses (2013), Ph.D. (Purdue University)

JONES, TRACY R. Assistant Dean, Graduate Administration, Student Services, and Recruiting, College of Graduate Studies (1995), B.A., M.A. (University of Central Florida)

JUNINTON, DANA, Director, Office of Student Rights and Responsibilities (2003), B.A., M.Ed. (James Madison University)

KeATON, ALICIA, Director, Office of Student Affairs, College of Medicine (2013), B.S., M.B.A. (Wayne State University)

KErNEk, LEE, Associate Vice President for Administration and Finance, Facilities and Safety (2007), B.M., M.P.A. (Harvard University)

KITTINGER JR., FRED R., Associate Vice President, University Relations (2003), B.A., M.S. (Florida State University)

KOROSEC, RONNIE L., Assistant Vice Provost and Associate Professor of Provost Administration (2001), B.A., M.P.A., Ph.D. (State University of New York at Binghamton)

LANCZY, PATRICE, Director, Organizational Excellence and Assessment Support (2001), B.A., M.A., Ph.D. (Wayne State University)

LANEY, DAVID, Associate Vice President, Business Affairs and Operations, UCF Regional Campuses (2002)

LARKIN, ROBERT, Director, Admissions, College of Medicine (2007), B.A. (University of South Florida)

LEINSGN, DONNA, Executive Director/UCF Academy (1991), B.A., Ed.M. (University of Central Florida)

MackOWN, PATRICIA A., Associate Vice President, Student Development and Enrollment Services (1979), B.A., M.A. (University of Central Florida)


MAGNUS, STEACY, Director, Student Leadership Development (2001), B.A., M.A., Ed.D. (University of Central Florida)

MASON, GREGORY S., Assistant Vice President, Finance and Accounting, College of Medicine (2002), B.S., M.B.A. (University of North Carolina)

O’ROH, GLENN, Assistant Vice President, Community Relations (1999), B.A. (University of Central Florida)

ORTZ, VIVIAN J., Director of Project Management, Student Development and Enrollment Services (2002), B.A., M.A., Ed.S. (University of Lethbridge)

PALEVSON, DAVID L., Assistant Vice President, Student Development and Enrollment Services (2002), B.S., M.S. (University of Tennessee)

PAYNE, RICHARD S., Assistant Vice President, Administrative Services, University Relations (2002), B.S., M.B.A. (University of Central Florida)

PETRSON, ANGELA, Associate Vice President, Regional Campuses, Enrollment Services, Marketing and Communications (2005), B.S., M.S. Ed. (Pittsburgh State University)

PIETY, REBECCA, Director, Student Affairs Resource Center and University Testing Center (1996), B.A., M.A. (University of Central Florida)

POOLE, MAX C., Senior Associate Dean, College of Graduate Studies, and Associate Professor of Health Sciences (2009), B.S., Ph.D. (Medical College of Georgia)

Preston, Michael, Director, Office of Executive Engagement (2011), B.A., M.S. (Southern Illinois University)

PriEST, DeLAINE, Associate Vice President, Student Development and Enrollment Services (1994), B.A., M.A. (University of Alabama at Birmingham)

PYLES, MARVIN, Associate Vice President for Administration and Finance, Human Resources and Chief Human Resources Officer (2013), B.A., M.A. (University of Maryland)

Reddick, AlCo, Director, Special Programs and Defense Transition Services (1990), B.S., M.E., Ed.D. (Nova University)

ReED, HAL C., Assistant Vice President and Director, UCF Sanford/Lake Mary (2001), B.A., Ph.D. (University of Central Florida)

Rivers, Cecelia H., Assistant Vice President, UCF Leesburg, UCF Ocala, and UCF South Lake, UCF Regional Campuses (1981), B.A., M.A., Ed.D. (University of Kentucky)

Roberts, Charles, Associate Vice President for Development (2009), B.S., M.P.A. (University of Central Florida)


Saleh, Shamaa E. A., Dean and Professor of Optics (2009), Ph.D. (John Hopkins University)

Sawyer, Curtis, Associate Vice President for Administration and Finance, University Services (2007), B.S. (United States Military Academy)

Scherl, John F., Vice President and Chief of Staff, Office of the President, and Professor of English (1987), B.A., M.A., Ph.D. (Vanderbilt University)

Schneider, Kimberly, Director, Undergraduate Research (2007), B.S. (Ph.D. University of South Carolina)

Schonrts, Edward L., Director, University Economic Development, University Relations (2006), B.S. (Florida Southern College)

Schuckman, gregory a., Assistant Vice President, Director, Federal Relations, University Relations (2004), B.S., M.A. (University of Pennsylvania)

Selim, Basma, Director, Analysis, Planning, and Accreditation, College of Medicine (2003), Ph.D. (University of Central Florida)

Shiver, lauren a., Assistant Vice President for Management Services (2002), A.A., B.B.A., M.B.A. (Valdosta State University)

Singh, Padmaja, Director, Parking and Transportation Services (1993), B.A. (University of Central Florida)

Smith, Erskine, Director, Student Affairs, College of Medicine (2009), B.S. (University of Central Florida)

Snow, Robert, Director, Sophomore and Second Year Center (1967), B.S., M.S. (Shippenburg University Pennsylvania)

Souleau, Marion J., Vice President, Research & Commercialization and President of Optics & ECEES (1987), B.S., M.S., Ph.D. (University of Southern California)

Small, Mary Lou, Interim Dean and Orlando Hispanic Distinguished Professor, College of Nursing (1991), F.A.A.N., M.S.N., Ph.D. (University of Texas)

Stansbury, Todd, Vice President and Director of Athletics (2012), B.S., M.S. (Georgia State University)

SteBibs, Consuelo E., Interim Director, Assistant Vice President/ Orlando Hispanic Distinguished Professor, College of Nursing (1997), B.A., M.D., Ph.D. (University of Kentucky)

Stein, charlene, Director, Transfer & Transition Services (1990), B.A. (Columbia University)


Swing, michael j., Coordinator of Special Programs, and Professor Emeritus, Molecular Biology and Microbiology (1972), Ph.D. (Temple University School of Medicine)

Thacker, Linda Bradley, Assistant Vice President and Director, UCF Daytona Beach (2007), B.A., M.S., Ph.D. (Florida State University)

Thomas, Carlee, Director, Development, Burnett School, College of Medicine (2008), M.A. (University of Central Florida)
UCF Administrative Officers and Staff

TORRES, CHANDA, Assistant Vice President, Student Development and Enrollment Services (2012), B.S., M.A., Ed.D. (University of Central Florida)

TREES, DIANE, Associate Vice President, Community Relations and Metropolitan Center for Regional Studies (1994), B.S., B.S.N., M.S. (University of Central Florida)

TRIVEDI, SHREYA, University Ombuds Officer (2011), B.A. (University of Central Florida)

VAIDYANATHAN, PALLAVOOR N., Assistant Vice President for Research (1999), B.S., B.E., M.Sc., M.B.A. (University of Florida)

VITTES, M. ELLIOT, Interim Vice Provost and Dean, Undergraduate Studies and Associate Professor of Political Science (1983), B.A., M.A., Ph.D. (University of Massachusetts)

WALTON, ROXANE, Director, Human Resources (2002), B.S. (Stetson University)

WANG, ALVIN Y., Dean of Burnett Honors College and Professor of Psychology (1987), B.A., Ph.D. (State University of New York at Stony Brook)

WANG, WEI, Assistant Professor of Psychology (2013), B.S., M.A., M.S., Ph.D. (University of Illinois, Urbana-Champaign)

WATSON, MONTEL J., Director, Resources Management (1994), B.A., M.B.A. (Loyola University of Chicago)

WEIDMAN, DIANA, Director, Transition Services (1984), B.S., M.A., Ed.D. (University of Central Florida)

WELCH, KERRY, Associate Vice President, Student Development and Enrollment Services (2004), B.A., M.A., Ed.D. (University of Cincinnati)

WILKENING, JAMES, Director, Recreation and Wellness Center (1992), B.S.B.A., M.A.T. (University of Louisville)


WRIGHT, JENNIFER, Director, Integrity and Ethical Development (2002), A.A.S., B.S.B.A, M.A. (Appalachian State University)

YANKELLO, ROBERT, Director, Computer Services and Telecommunications (2004), B.S., M.Ed., (Pennsylvania State University)

YOUNG, DENISE L., Associate Vice President and Director UCF Cocoa and UCF Palm Bay (1990), B.A., M.S.W., Ph.D. (University of Michigan)
## HONORARY DEGREES AWARDED

<table>
<thead>
<tr>
<th>Date</th>
<th>Degree Type</th>
<th>Name and Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1970</td>
<td>John W. Young, Doctor of Applied Sciences</td>
<td>April 1996 Nicolaas Bloembergen, Doctor of Science</td>
</tr>
<tr>
<td>April 1982</td>
<td>Howard Phillips, Doctor of Public Service</td>
<td>Richard M. Karp, Doctor of Science</td>
</tr>
<tr>
<td>December 1981</td>
<td>Gene Burns, Master of Letters</td>
<td>Joseph F. Traub, Doctor of Science</td>
</tr>
<tr>
<td>April 1982</td>
<td>Andrew Duda, Jr., Doctor of Agricultural Service</td>
<td>James Bacchus, Doctor of Public Service</td>
</tr>
<tr>
<td>April 1982</td>
<td>Ferdinand Duda, Doctor of Agricultural Service</td>
<td>May 2002 Richard M. Devos, Sr., Doctor of Commercial Science</td>
</tr>
<tr>
<td>December 1984</td>
<td>Mary Jo Davis, Doctor of Public Service</td>
<td>Albert Burnett, Doctor of Commercial Science</td>
</tr>
<tr>
<td>December 1984</td>
<td>William E. Davis, Doctor of Public Service</td>
<td>Robert E. Kahn, Doctor of Science</td>
</tr>
<tr>
<td>December 1984</td>
<td>Charles Wadsworth, Doctor of Public Service</td>
<td>Harry Elam-Thomas, Doctor of Public Service</td>
</tr>
<tr>
<td>May 1985</td>
<td>George J. Becker, Jr., Doctor of Public Service</td>
<td>December 2006 Rita Bornstein, Doctor of Humane Letters</td>
</tr>
<tr>
<td>May 1989</td>
<td>Wolfgang-Deflef Petri, Doctor of Commercial Science</td>
<td></td>
</tr>
<tr>
<td>May 1989</td>
<td>Frank M. Hubbard, Doctor of Public Service</td>
<td></td>
</tr>
<tr>
<td>May 1989</td>
<td>David Albertson, Doctor of Humane Letters</td>
<td></td>
</tr>
<tr>
<td>May 1989</td>
<td>William S. Jenkins, Doctor of Humane Letters</td>
<td></td>
</tr>
<tr>
<td>May 1989</td>
<td>James C. Robinson, Doctor of Public Service</td>
<td></td>
</tr>
<tr>
<td>May 1989</td>
<td>Charles N. Millican, Doctor of Laws</td>
<td></td>
</tr>
<tr>
<td>May 1990</td>
<td>Helen Harris Perlman, Doctor of Humane Letters</td>
<td></td>
</tr>
<tr>
<td>May 1990</td>
<td>Thaddeus Seymour, Doctor of Letters</td>
<td></td>
</tr>
<tr>
<td>May 1991</td>
<td>Roald Hoffman, Doctor of Science</td>
<td></td>
</tr>
<tr>
<td>May 1993</td>
<td>Buell G. Duncan, Jr., Doctor of Commercial Science</td>
<td></td>
</tr>
</tbody>
</table>
Add: online procedure used to alter class schedules after registration. During this time, students can adjust their schedules through myUCF (https://my.ucf.edu) by adding courses. Students should check the appropriate term’s Web Enrollment Guide for details.

A.S.: associate in science degree. A broad-based degree designed to prepare students to enter a wide variety of careers.

A.S.SA.: Academic Services for Student Athletes.

Audit (course): to attend classes without receiving academic credit.

Audit (Degree): computerized summary of progress toward completion of degree requirements to be used with academic advising and registration. Available from myUCF at https://my.ucf.edu. (See also “Degree Audit”)

BA: Business Administration. This abbreviation appears in the listing of courses and refers to the College of Business Administration (CBA). Also see Bachelors Degree.

Baccalaureate or Bachelors Degree: completion of all University and major graduation requirements as certified by the University (B.A. is the Bachelor of Arts degree and B.S. is the Bachelor of Science degree).

BHC: Burnett Honors College

Breaking Catalog: loss of eligibility to follow graduation requirements in a specific catalog.

BSBS: Burnett School of Biomedical Sciences within the College of Medicine.

CAH: College of Arts and Humanities.

Catalog: resource for UCF academic policies and procedures, college/school and degree requirements, course descriptions and faculty listings. It is published annually and its contents are subject to change. Available online at http://www.catalog.ucf.edu.

Catalog Year: the edition of the University catalog that governs course prerequisites, co-requisites and graduation requirements for a particular academic year.

CBA: College of Business Administration.

CECS: College of Engineering and Computer Science.

CEDHP: College of Education and Human Performance.

Certificate: special program of study supplemental to a major.

Clt: consent of instructor.

Class Schedule Search: a component of the online myUCF system (https://my.ucf.edu) that lists courses and class sections offered each academic term.

COHPA: College of Health and Public Affairs.

College: collection of related academic departments. There are twelve colleges at UCF: Burnett Honors College (BHC), Arts and Humanities (CAH), Business Administration (CBA), Education and Human Performance (CEDHP), Engineering and Computer Science (CECS), Graduate Studies, Health and Public Affairs (COHPA), Medicine (COM), Nursing, Optics and Photonics (CREOL), Sciences (COS), and Rosen College of Hospitality Management (RCHM).

COM: College of Medicine.

Common Course Numbering: the statewide course numbering system (SCNS) uses a course designation that consists of a 3-letter prefix and a 4-digit number and when necessary a one-letter laboratory (L) or lecture/laboratory (L) suffix.

Common Program Prerequisite: the State of Florida has identified Common Program Prerequisites for all University programs. These prerequisites must be completed by all students entering that field of study, must be accepted by all state universities and must be applied towards the degree.

Contact hours: number of hours students meet in class.

Continuous Enrollment: enrollment not interrupted by non-attendance for either consecutive Fall and Spring terms, or consecutive Spring, Summer term, and Fall.

COS: College of Sciences.

CR: co-requisite is an additional course in which you must enroll during the same term as the primary course you desire to take.

Credit Hour or Semester Hour: every course taught is designated a total number of credit hours. The number of credit hours for a class reflects approximately the total hours a student spends per week in class. Most lecture courses are three credit hours and meet three hours each week. Students should expect to spend at least two hours of study time outside of class for every hour spent in class. One semester hour equals 1.5 quarter hour.

Degree Audit: a computerized degree audit lists courses completed toward major and degree requirements.

Diploma: official certificate displaying earned degree, major and baccalaureate honors.

Directory Information: information items that the Family Educational Rights and Privacy Act of 1974, as Amended (FERPA) authorizes the University to release without the student’s prior consent, unless the student has filed a “Directory Disclosure/Release Authorization Form” with the Registrar’s Office. Directory information at UCF includes the student’s name, current mailing address, telephone number, date of birth, enrollment status, dates of attendance, major field of study, degree and awards received, participation in officially recognized activities and sports, and athletes’ height and weight.

Disqualified: a student on academic probation is disqualified upon failure to achieve a minimum 2.0 UCF GPA during the subsequent term. A student who is disqualified may not enroll at the University for two terms following disqualification. Readmission after two terms is not automatic.

Distance and Distributed Learning: learning online through the UCF Virtual Campus, which provides opportunities for students to enroll in credit courses and select degree programs through a variety of interactive distributed technologies.

Double Major: awarded when the student concurrently satisfies requirements for two majors.

Drop/Swap: a student may drop or swap a course(s) during the official Drop/Swap period. A dropped course will not appear on the student’s permanent record. Students are not fee liable for dropped courses.

Elective: any course not required as part of the General Education Program or as part of your major or minor.

Email: primary official means of communication with students regarding University business and information.

Enrollment: the act of registering in classes. This may be done through myUCF at https://my.ucf.edu, kiosk and in limited circumstances at the colleges’ advising offices.

Enrollment Certification: an official University document that provides a student’s enrollment history including status, dates enrolled, and degrees awarded, available online at https://my.ucf.edu in Student Self Service.

Equipment Fee: a charge associated with some majors to cover the use and replacement of equipment.

Excess Credit Hour Surcharge: a surcharge to each credit hour taken in excess of the total number of credit hours required to complete the degree being pursued. The amount in excess of the total hours is calculated based on a percentage defined in statute and is referred to by the University of Central Florida as baseline hours limit.

Excluded: a student readmitted following disqualification who fails to achieve a minimum 2.0 GPA is excluded from the University. Students are not eligible for readmission after exclusion. See “Readmission” for details.

Fee Invoice: a printout of courses for which the student has registered that lists each specific course, its meeting time(s) and day(s). The amount of tuition and fees due for all courses registered and the payment deadline date also is indicated. Available online at https://my.ucf.edu in Student Self Service.

Freshman and Sophomore Courses: lower level courses with common course numbers ranging from 1000-2999 (e.g., ENC 1101, English Composition I). Generally, freshmen should enroll in 1000 and 2000 level courses.

FTIC: abbreviation for “First Time In College,” referring to those students who currently are in their first term as a UCF college student after high school.

Full-Time Course Load: for undergraduates, a minimum of 12 credits in the fall and spring and summer terms.

FYAE: First Year Advising and Exploration.

GEP: General Education Program: Specific courses required for all UCF degree programs providing skills and knowledge in general subject areas essential to continued learning and success, not only in college but throughout the student’s life.

Gordon Rule: requires students to complete four composition courses (12 semester hours) and two courses (six semester hours) of mathematics at the level of college algebra or higher. Each course must be completed with a grade of “C-“ (1.75) or better.

GPA: “Grade Point Average”: the average number of grade points per semester hour attempted. GPA is computed by dividing the total number of grade points assigned by the total number of semester hours attempted, less hours resulting from NC, W, WP, and I grades.
Grade Forgiveness: refers to when a course taken at UCF is repeated, and for grade point average purposes, the grade earned in the first attempt is replaced by the grade earned in the second attempt at UCF (may be used only twice in the student’s academic career).

Grade Point Deficiency: for readmission purposes only, this term is defined as the number of UCF credit hours earned with a “B” (3.0 GPA) grade that a student requires to raise his or her UCF cumulative grade point average to 2.0. A student’s grade point deficiency is calculated when the student applies for readmission.

Health Form: documentation of immunity for measles and rubella, as well as consent for treatment at the University Health Center (must be completed and returned to Student Health Services prior to the first registration).

Hold: also called a “negative service indicator”, this is a block on activity for transcripts, grades, diploma, or registration because of financial or other obligations to UCF.

Incomplete: grade assigned by the instructor when a student is unable to complete a course due to extenuating circumstances. Must be completed in 12 months or by graduation, whichever comes first.

Junior and Senior Courses: upper level courses with common course numbers ranging from 3000-4999 (e.g., ENG 3311, Advanced Expository Writing).

Kiosk: stand-alone PCs located in UCF public areas providing access to student records and general information.

Limited Access: certain academic programs designated as “limited access” only guarantee admission to a limited number of applicants.

Lower Level Courses: courses with a number of 1000-2999 (not less than 1000).

Major: group of related courses that constitute a focused program of study in a specific area of knowledge.

MASS: Multicultural Academic and Support Services

Material and Supply Fee: a charge associated with some courses to cover items consumed within the class.

Matriculation: enrollment and attendance your initial term at UCF. Can be as an admitted, degree-seeking student or as a nondegree student.

MEP: Major Exploration Program to assist students who are undecided about a major.

Minor: a complement to a bachelor’s degree program/major requiring at least 18 credit hours in a field.

myUCF: the UCF/studnet information portal online at https://my.ucf.edu. myUCF is a powerful, secure, encrypted, personal identification and Password-access information system that will facilitate a variety of transactions in which students will engage at UCF. In myUCF, students may obtain a list of current holds, change the Password, sign up for a Knights Email account, telephone number, and permanent/mailing addresses, search for courses each term; register, drop/swap and add courses each term; withdraw from courses following the close of Late Registration and Drop/ Swap, print the “Degree Audit,” obtain the registration appointment day and time for each term, print a “Fee Invoice,” pay fees by credit card, gain access to financial aid and accounts receivable information; obtain the term final grades, and a list of current courses.

NID: Network Identification Number that students use to log in to web courses and UCF computer labs and, after July 1, 2014, when logging into myUCF or the UCF Information Kiosks.

Nursing: College of Nursing.

Overall GPA: cumulative GPA of UCF and transfer course work.

Password: a series of four to eight characters and numbers chosen by the student that is associated with the PID (Personal Identification Number). Each time you use the PID to enter myUCF, you also will enter your Password.

Pending Status: category assigned to students who desire to enter limited or restricted access programs. Typically, students are required to complete the GEP and all major pre-requisites prior to admission into the desired limited access program. (Department will change student’s status upon acceptance into the program.)

PID: (Personal Identification Number): personal eight-digit code required when entering myUCF or the UCF Information Kiosks. The PID will no longer be used after July 1, 2014.

PR: prerequisite refers to a specific course that must be taken and passed prior to enrolling in the primary course the student desires to take.

Probation: action taken when a student’s UCF overall GPA drops below 2.0.

Readmission: reapply to the Registrar’s Office after an absence of two or more terms.

Registration: the act of enrolling in classes. This may be done through myUCF at https://my.ucf.edu, kiosk and in limited circumstances at the colleges advising offices.

Repeat Surchage: additional fee applied when a student enrolls in the same course three or more times.

Restricted Access: a major that has additional admission requirements (e.g. early application date, a separate application or specific GPA requirements). There is no limit to the number of students who can be enrolled. Students meeting the specified requirement(s) normally will be admitted.

Restricted Electives: a specified group of courses within a major from which students must make selections.

Retention: a term used to describe students’ continued enrollment at the University until successful completion of their educational goals.

RCHM: Rosen College of Hospitality Management

SARC: Student Academic Resource Center provides academic support programs, including supplemental instruction, tutoring, academic advising, and various other programs and services to students.

SAT: Scholastic Assessment Test is an assessment used for University admission purposes.

Satisfactory Academic Progress: a general eligibility requirement for financial assistance. (see the “Student Financial Assistance” section of this Undergraduate Catalog.)

Sequence: a series of courses within the same subject area. Generally, the student takes these courses in numerical order (e.g., PHY 2053 then 2054). Students should consult the advisor before registering out of sequence.

SSYC: Sophomore and Second Year Center

STEP: State Tuition Exemption Program

Student Success Center: advising offices and other academic support services for first-year students located on the first two floors of Howard Phillips Hall.

SUS: State University System. All twelve Florida public universities are part of the SUS.

Term: the academic year at UCF is divided into segments called “terms” (also called “semesters”). Each lasts approximately 16 weeks. Some universities break the year into fourths and call them “quarters.” UCF is on the semester system; however, we usually speak of “Fall Term,” “Spring Term,” or “Summer Sessions.”

Term GPA: grade point average (GPA) on work attempted during any given term.

Third Attempt Charge: see “Repeat Surchage.”

Track: one of two or more significant variations in a degree program or major. Approximately 50% of the courses in one track differ from the courses required in other tracks.

Transcript: official academic record mailed from the Registrar’s Office.

TSD: Accelerated education opportunities.

TSR: Transfer Summary Report is a listing of all coursework transferring to the University for credit. A preliminary TSR is generated at the time of acceptance. A final TSR is processed after all final transcripts have been received by the Admissions Office.

Transient Student: a UCF student enrolled in courses at another nationally-accredited institution.

UCF Regional Campus System: UCF Altamonte Springs, UCF Cocoa, UCF Daytona Beach, UCF Leesburg, UCF Ocala, UCF Palm Bay, UCF Sanford/Lake Mary, UCF South Lake, UCF Valencia Osceola, and UCF Valencia West.

UCF GPA: grade point average (GPA) on all work attempted while in attendance at UCF.

Upper Level Courses: courses with a course number of 3000-4999.

VARC: Veterans Academic Resource Center providing GI Bill educational benefit certification and academic support programs, including supplemental instruction, tutoring, academic advising, career advising, student disabilities services, counseling services, and various other programs and services for student veterans.

Withdrawal, Withdraw from a Course: to formally request an official departure from one or more courses during the first half of the term or session through myUCF (https://my.ucf.edu) or at the Registrar’s Office. Students are still responsible for tuition and fees for withdrawn courses.
### INDEX

<table>
<thead>
<tr>
<th>Absences, Attendance, or Unsatisfactory Work</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Academic</strong></td>
<td></td>
</tr>
<tr>
<td>Advising</td>
<td>53</td>
</tr>
<tr>
<td>Amnesty Program</td>
<td>63</td>
</tr>
<tr>
<td>Behavior Standards</td>
<td>12, 59</td>
</tr>
<tr>
<td>Calendar</td>
<td>10</td>
</tr>
<tr>
<td>Honors</td>
<td>61</td>
</tr>
<tr>
<td>Probation</td>
<td>62</td>
</tr>
<tr>
<td>Degrees, Majors and Minors</td>
<td>75</td>
</tr>
<tr>
<td>Regulations and Procedures</td>
<td>57</td>
</tr>
<tr>
<td>Services for Student-Athletes (ASSA)</td>
<td>42</td>
</tr>
<tr>
<td>Standing</td>
<td>61</td>
</tr>
<tr>
<td><strong>Academic Advising</strong></td>
<td>53</td>
</tr>
<tr>
<td>Academic Services for Student-Athletes (ASSA)</td>
<td>42</td>
</tr>
<tr>
<td>First Year Advising and Exploration (FYAE)</td>
<td>43</td>
</tr>
<tr>
<td>Freshmen (First Time in College - FTIC)</td>
<td>53</td>
</tr>
<tr>
<td>Honors College, The Burnett</td>
<td>53</td>
</tr>
<tr>
<td>Major Exploration Program</td>
<td>43</td>
</tr>
<tr>
<td>Multicultural Academic and Support Services (MASS)</td>
<td>45</td>
</tr>
<tr>
<td>Pre-Health and Pre-Law Advising</td>
<td>114</td>
</tr>
<tr>
<td>Responsibilities</td>
<td>53</td>
</tr>
<tr>
<td>Student Academic Resource Center (SARC)</td>
<td>46</td>
</tr>
<tr>
<td>Accelerated Educational Opportunities</td>
<td>66</td>
</tr>
<tr>
<td>Accounting, Kenneth G. Dixon School of</td>
<td>85</td>
</tr>
<tr>
<td>Accreditation</td>
<td>13</td>
</tr>
<tr>
<td>Activity and Service Fee Business Office</td>
<td>42</td>
</tr>
<tr>
<td>Address and Email Changes</td>
<td>64</td>
</tr>
<tr>
<td>Administration, University</td>
<td>8, 555</td>
</tr>
<tr>
<td>Admission Categories</td>
<td>31</td>
</tr>
<tr>
<td>Admission to the Upper Division</td>
<td>74</td>
</tr>
<tr>
<td>Admissions and Standards Committee</td>
<td>63</td>
</tr>
<tr>
<td>(See also: Readmission)</td>
<td></td>
</tr>
<tr>
<td>Admissions, Undergraduate</td>
<td>30, 31</td>
</tr>
<tr>
<td>Advanced Placement Program (AP)</td>
<td>66</td>
</tr>
<tr>
<td>Advising, Academic</td>
<td>53</td>
</tr>
<tr>
<td>Aerospace Studies (Air Force ROTC)</td>
<td>99</td>
</tr>
<tr>
<td>Africana Studies Program</td>
<td>80</td>
</tr>
<tr>
<td>Air Force (ROTC)</td>
<td>99</td>
</tr>
<tr>
<td>Alcoholic Beverages Policy, Campus</td>
<td>12</td>
</tr>
<tr>
<td>Alumni Association</td>
<td>25</td>
</tr>
<tr>
<td>American Sign Language (ASL)</td>
<td>72</td>
</tr>
<tr>
<td>American Studies Program</td>
<td>81</td>
</tr>
<tr>
<td>Amnesty Program, Academic</td>
<td>63</td>
</tr>
<tr>
<td>Application for Admission</td>
<td>30</td>
</tr>
<tr>
<td>Application Deadlines</td>
<td>30</td>
</tr>
<tr>
<td>Area Studies Programs</td>
<td>80</td>
</tr>
<tr>
<td>Arena, CFE</td>
<td>24</td>
</tr>
<tr>
<td>Army ROTC (Military Science)</td>
<td>100</td>
</tr>
<tr>
<td>Articulated A.S. to B.S. Programs, Statewide</td>
<td>426</td>
</tr>
<tr>
<td>Arts and Humanities, College of</td>
<td>53, 79</td>
</tr>
<tr>
<td>Associate of Arts Degree</td>
<td>75</td>
</tr>
<tr>
<td>A.S. to B.S. Programs</td>
<td>426</td>
</tr>
<tr>
<td>Athletics, Intercollegiate</td>
<td>24</td>
</tr>
<tr>
<td>Athletic Eligibility and Retention Committee</td>
<td>64</td>
</tr>
<tr>
<td>Athletic Training</td>
<td>103</td>
</tr>
<tr>
<td>Attendance, Absences, or Unsatisfactory Work</td>
<td>60</td>
</tr>
<tr>
<td><strong>Audit</strong></td>
<td></td>
</tr>
<tr>
<td>Registration</td>
<td>57</td>
</tr>
<tr>
<td>Senior Citizen</td>
<td>39, 57</td>
</tr>
<tr>
<td>Award Notification</td>
<td>36</td>
</tr>
<tr>
<td>Baccalaureate Degrees</td>
<td>75</td>
</tr>
<tr>
<td>Baccalaureate Honors</td>
<td>34, 61</td>
</tr>
<tr>
<td>BE 2020</td>
<td>85</td>
</tr>
<tr>
<td>Board of Governors, Florida</td>
<td>8</td>
</tr>
<tr>
<td>Board of Trustees, UCF</td>
<td>8</td>
</tr>
<tr>
<td>Bookstores, Campus</td>
<td>24</td>
</tr>
<tr>
<td><strong>Business Administration, College of</strong></td>
<td>54, 84</td>
</tr>
<tr>
<td><strong>Baccalaureate Degrees</strong> ........................</td>
<td>75</td>
</tr>
<tr>
<td><strong>Baccalaureate Honors</strong> ........................</td>
<td>34, 61</td>
</tr>
<tr>
<td><strong>BE 2020</strong></td>
<td>85</td>
</tr>
<tr>
<td><strong>Board of Governors, Florida</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Board of Trustees, UCF</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Bookstores, Campus</strong></td>
<td>24</td>
</tr>
<tr>
<td><strong>Burnett Honors College</strong></td>
<td>53, 77</td>
</tr>
<tr>
<td><strong>Burnett School of Biomedical Sciences</strong></td>
<td>55, 104</td>
</tr>
<tr>
<td><strong>Business Administration, College of</strong></td>
<td>54, 84</td>
</tr>
<tr>
<td><strong>Calendar, Academic</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Cambridge AICE Exams</strong></td>
<td>68</td>
</tr>
<tr>
<td><strong>Campuses, Regional</strong></td>
<td>15, 23, 56</td>
</tr>
<tr>
<td><strong>Campus Alcoholic Beverages Policy</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>Campus Visit Experience</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>Career Services</strong></td>
<td>43</td>
</tr>
<tr>
<td><strong>Catalog, Choice of</strong></td>
<td>70</td>
</tr>
<tr>
<td><strong>Center for Economic Education</strong></td>
<td>27</td>
</tr>
<tr>
<td><strong>Central Florida Research Park</strong></td>
<td>19</td>
</tr>
<tr>
<td><strong>Certificates</strong></td>
<td>65, 344, 385</td>
</tr>
<tr>
<td><strong>Certification, Enrollment</strong></td>
<td>58</td>
</tr>
<tr>
<td><strong>CFE Arena</strong></td>
<td>24</td>
</tr>
<tr>
<td><strong>Child Care (see Creative School)</strong></td>
<td>43</td>
</tr>
<tr>
<td><strong>Classroom Responsibility</strong></td>
<td>60</td>
</tr>
<tr>
<td><strong>Clinical Experiences</strong></td>
<td>89</td>
</tr>
<tr>
<td><strong>Cocoa Regional Campus</strong></td>
<td>16</td>
</tr>
<tr>
<td><strong>College Level Examination Program (CLEP)</strong></td>
<td>67</td>
</tr>
<tr>
<td><strong>Common Course Numbering System</strong></td>
<td>434</td>
</tr>
<tr>
<td><strong>Common Program Prerequisites</strong></td>
<td>51</td>
</tr>
<tr>
<td><strong>Communication, Nicholson School of</strong></td>
<td>110</td>
</tr>
<tr>
<td><strong>Complaint Policy</strong></td>
<td>13</td>
</tr>
<tr>
<td><strong>Computer Science, Dept. of Electrical Engineering and</strong></td>
<td>95</td>
</tr>
<tr>
<td><strong>Construction Engineering, Civil, Environmental, and</strong></td>
<td>94</td>
</tr>
<tr>
<td><strong>Continuing Education, Division of</strong></td>
<td>27</td>
</tr>
<tr>
<td><strong>Continuous Enrollment</strong></td>
<td>70</td>
</tr>
<tr>
<td><strong>Cooperative Education (See Experiential Learning)</strong></td>
<td>26, 113</td>
</tr>
<tr>
<td><strong>Co-op Student</strong></td>
<td>60</td>
</tr>
<tr>
<td><strong>Correspondence Courses</strong></td>
<td>74</td>
</tr>
<tr>
<td><strong>Costs, School</strong></td>
<td>36</td>
</tr>
<tr>
<td><strong>Counseling and Psychological Services (CAPS)</strong></td>
<td>43</td>
</tr>
<tr>
<td><strong>Course Repeat Surcharges, Third Attempt</strong></td>
<td>64</td>
</tr>
<tr>
<td><strong>Course Substitution - General Education Program</strong></td>
<td>51</td>
</tr>
<tr>
<td><strong>Courses and Descriptions</strong></td>
<td>439</td>
</tr>
<tr>
<td><strong>Creative School for Children</strong></td>
<td>43</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Departmental Requirements</strong></td>
<td>70</td>
</tr>
<tr>
<td><strong>Departments and Schools</strong></td>
<td></td>
</tr>
<tr>
<td>Accounting, Kenneth G. Dixon School of</td>
<td>85</td>
</tr>
<tr>
<td>Aerospace Studies (Air Force ROTC)</td>
<td>99</td>
</tr>
<tr>
<td>Anthropology</td>
<td>110</td>
</tr>
<tr>
<td>Biology</td>
<td>110</td>
</tr>
<tr>
<td>Biomedical Sciences, Burnett School of</td>
<td>105</td>
</tr>
<tr>
<td>Chemistry</td>
<td>110</td>
</tr>
<tr>
<td>Child, Family, and Community Sciences</td>
<td>90</td>
</tr>
<tr>
<td>Civil, Environmental, &amp; Construction Engineer</td>
<td>93</td>
</tr>
<tr>
<td>Communication, Nicholson School of</td>
<td>110</td>
</tr>
<tr>
<td>Communication Sciences and Disorders</td>
<td>102</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>102</td>
</tr>
<tr>
<td>Economics</td>
<td>86</td>
</tr>
<tr>
<td>Educational and Human Sciences</td>
<td>90</td>
</tr>
<tr>
<td>Electrical Engineering and Computer Science</td>
<td>95</td>
</tr>
<tr>
<td>English</td>
<td>81</td>
</tr>
<tr>
<td>Finance</td>
<td>86</td>
</tr>
<tr>
<td>Health Management and Informatics</td>
<td>102</td>
</tr>
<tr>
<td>Health Professions</td>
<td>103</td>
</tr>
<tr>
<td>History</td>
<td>81</td>
</tr>
<tr>
<td>Industrial Engineering and Management Systems</td>
<td>97</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>103</td>
</tr>
<tr>
<td>Management</td>
<td>86</td>
</tr>
<tr>
<td>Marketing</td>
<td>86</td>
</tr>
<tr>
<td>Materials Science and Engineering</td>
<td>97</td>
</tr>
<tr>
<td>Mathematics</td>
<td>111</td>
</tr>
<tr>
<td>Mechanical and Aerospace Engineering</td>
<td>98</td>
</tr>
<tr>
<td>Military Science (Army ROTC)</td>
<td>100</td>
</tr>
</tbody>
</table>

**UNIVERSITY OF CENTRAL FLORIDA**

561 Undergraduate Catalog 2014-2015
<table>
<thead>
<tr>
<th>Index</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Languages and Literatures</td>
<td>82</td>
</tr>
<tr>
<td>Music</td>
<td>82</td>
</tr>
<tr>
<td>Philosophy</td>
<td>111</td>
</tr>
<tr>
<td>Physics</td>
<td>111</td>
</tr>
<tr>
<td>Political Science</td>
<td>103</td>
</tr>
<tr>
<td>Public Administration</td>
<td>103</td>
</tr>
<tr>
<td>Psychology</td>
<td>112</td>
</tr>
<tr>
<td>Social Work, School of</td>
<td>103</td>
</tr>
<tr>
<td>Sociology</td>
<td>112</td>
</tr>
<tr>
<td>Statistics</td>
<td>112</td>
</tr>
<tr>
<td>Teaching, Learning and Leadership, School of</td>
<td>81</td>
</tr>
<tr>
<td>Theatre</td>
<td>82</td>
</tr>
<tr>
<td>Visual Arts and Design, School of</td>
<td>83</td>
</tr>
<tr>
<td>Writing and Rhetoric</td>
<td>82</td>
</tr>
<tr>
<td>Dick Pope, Sr. Institute for Tourism Studies</td>
<td>27</td>
</tr>
<tr>
<td>Directory Information</td>
<td>65</td>
</tr>
<tr>
<td>Disability Services, Student</td>
<td>47</td>
</tr>
<tr>
<td>Disqualification/Suspension, Academic</td>
<td>62</td>
</tr>
<tr>
<td>Distributed Learning, Center for</td>
<td>15</td>
</tr>
<tr>
<td>Diversity Requirement</td>
<td>71</td>
</tr>
<tr>
<td>Double Majors</td>
<td>74</td>
</tr>
<tr>
<td>Drop/Swap and Add Policy</td>
<td>57</td>
</tr>
<tr>
<td>Drug-Free Workplace/Drug-Free Schools Policy</td>
<td>12</td>
</tr>
<tr>
<td>Dual Enrollment</td>
<td>31, 32</td>
</tr>
<tr>
<td>Early Admission</td>
<td>32</td>
</tr>
<tr>
<td>Education and Human Performance, College of</td>
<td>54, 88</td>
</tr>
<tr>
<td>Endowed Chairs</td>
<td>20</td>
</tr>
<tr>
<td>Electrical Engineering and Computer Science, Dept.</td>
<td>95</td>
</tr>
<tr>
<td>Engineering and Computer Science, College of</td>
<td>54, 92</td>
</tr>
<tr>
<td>Enrollment and Degree Verifications</td>
<td>58</td>
</tr>
<tr>
<td>Enrollment, Continuous</td>
<td>70</td>
</tr>
<tr>
<td>EXCEL Program</td>
<td>114</td>
</tr>
<tr>
<td>Excess Hours</td>
<td>57</td>
</tr>
<tr>
<td>Excelsior College Examinations</td>
<td>69</td>
</tr>
<tr>
<td>Exclusion</td>
<td>62</td>
</tr>
<tr>
<td>Executive Development Center</td>
<td>28</td>
</tr>
<tr>
<td>Experiential Learning</td>
<td>26, 113</td>
</tr>
<tr>
<td>Family Educational Rights and Privacy Act (FERPA)</td>
<td>65</td>
</tr>
<tr>
<td>Fee Refunds</td>
<td>39</td>
</tr>
<tr>
<td>Fees, Schedule of</td>
<td>39</td>
</tr>
<tr>
<td>Financial Assistance, Office of Student</td>
<td>47</td>
</tr>
<tr>
<td>First Year Advising and Exploration (FYAE)</td>
<td>43</td>
</tr>
<tr>
<td>First Year Experience (FYE)</td>
<td>43</td>
</tr>
<tr>
<td>Florida-Canada Linkage Institute</td>
<td>28</td>
</tr>
<tr>
<td>Florida-Eastern Europe Linkage Institute</td>
<td>28</td>
</tr>
<tr>
<td>Florida Institute of Government at UCF</td>
<td>28</td>
</tr>
<tr>
<td>Florida Prepaid College Plan</td>
<td>39</td>
</tr>
<tr>
<td>Florida Residency for Tuition Purposes</td>
<td>40</td>
</tr>
<tr>
<td>Florida Solar Energy Center (FSEC)</td>
<td>28</td>
</tr>
<tr>
<td>Florida Space Institute (FSI)</td>
<td>28</td>
</tr>
<tr>
<td>Florida Work Experience Program (FWEP)</td>
<td>26</td>
</tr>
<tr>
<td>Foreign Language Proficiency Requirement</td>
<td>72</td>
</tr>
<tr>
<td>Foundation, UCF, Inc.</td>
<td>25</td>
</tr>
<tr>
<td>Fraternity and Sorority Life</td>
<td>44</td>
</tr>
<tr>
<td>Freshman Applicants</td>
<td>31</td>
</tr>
<tr>
<td>Freshman Classification</td>
<td>31</td>
</tr>
<tr>
<td>Disbursements</td>
<td>37</td>
</tr>
<tr>
<td>General Education Program (GEP)</td>
<td>70</td>
</tr>
<tr>
<td>Glossary</td>
<td>559</td>
</tr>
<tr>
<td>Good Standing</td>
<td>62</td>
</tr>
<tr>
<td>Gordon Rule, The</td>
<td>72</td>
</tr>
<tr>
<td>Grade Change</td>
<td>60</td>
</tr>
<tr>
<td>Grade Forgiveness</td>
<td>61</td>
</tr>
<tr>
<td>Grade Point Average (GPA)</td>
<td>59</td>
</tr>
<tr>
<td>Grade Reports</td>
<td>60</td>
</tr>
<tr>
<td>Grade System</td>
<td>59</td>
</tr>
<tr>
<td>Graduate Programs</td>
<td>76</td>
</tr>
<tr>
<td>Graduation Application Deadline</td>
<td>74</td>
</tr>
<tr>
<td>Graduation Rate Disclosure</td>
<td>24</td>
</tr>
<tr>
<td>Health Services</td>
<td>44</td>
</tr>
<tr>
<td>Health &amp; Public Affairs, College of</td>
<td>54, 101</td>
</tr>
<tr>
<td>Health Professions - Athletic Training</td>
<td>103</td>
</tr>
<tr>
<td>Health Sciences - Pre-Clinical Track</td>
<td>103</td>
</tr>
<tr>
<td>Health Services Administration Program</td>
<td>102</td>
</tr>
<tr>
<td>Higher Education Act.</td>
<td>65</td>
</tr>
<tr>
<td>Holds</td>
<td>57</td>
</tr>
<tr>
<td>Honors, Academic</td>
<td>61</td>
</tr>
<tr>
<td>Honors, University</td>
<td>77</td>
</tr>
<tr>
<td>Honors College, The Burnett</td>
<td>53, 77</td>
</tr>
<tr>
<td>Honors in the Major</td>
<td>78</td>
</tr>
<tr>
<td>Hospitality Management, Rosen College of</td>
<td>56, 115</td>
</tr>
<tr>
<td>Housing and Residence Life</td>
<td>44</td>
</tr>
<tr>
<td>Humanities (see Philosophy)</td>
<td>82</td>
</tr>
<tr>
<td>Incomplete (&quot;I&quot;) Grade</td>
<td>59</td>
</tr>
<tr>
<td>Information Technologies and Resources</td>
<td>23</td>
</tr>
<tr>
<td>Institute for Simulation and Training (IST)</td>
<td>28</td>
</tr>
<tr>
<td>Institutes and Centers for Research</td>
<td>27</td>
</tr>
<tr>
<td>Institute of Statistics and Data Mining</td>
<td>29</td>
</tr>
<tr>
<td>Instructional Resources, Office of</td>
<td>23</td>
</tr>
<tr>
<td>Integrity and Ethical Development, Office of</td>
<td>45</td>
</tr>
<tr>
<td>Interdisciplinary Studies, Office of</td>
<td>56, 113</td>
</tr>
<tr>
<td>International Applicants</td>
<td>33</td>
</tr>
<tr>
<td>International Baccalaureate Program</td>
<td>66</td>
</tr>
<tr>
<td>International Services Center</td>
<td>21</td>
</tr>
<tr>
<td>International Studies and Study Abroad Programs</td>
<td>26</td>
</tr>
<tr>
<td>Judic Studies Program</td>
<td>81</td>
</tr>
<tr>
<td>Junior Classification</td>
<td>60</td>
</tr>
<tr>
<td>Kenneth G. Dixon School of Accounting</td>
<td>85</td>
</tr>
<tr>
<td>Knights Plaza</td>
<td>24</td>
</tr>
<tr>
<td>Late Fees</td>
<td>40</td>
</tr>
<tr>
<td>Latin American Studies</td>
<td>80</td>
</tr>
<tr>
<td>Leesburg Regional Campus</td>
<td>17</td>
</tr>
<tr>
<td>LEAD Scholars Academy</td>
<td>44</td>
</tr>
<tr>
<td>LGBTQ Services</td>
<td>45</td>
</tr>
<tr>
<td>Libraries, University</td>
<td>23</td>
</tr>
<tr>
<td>Limited Access Programs</td>
<td>31</td>
</tr>
<tr>
<td>Limited Non-Degree Seeking Applicants</td>
<td>39, 57</td>
</tr>
<tr>
<td>LINK</td>
<td>43</td>
</tr>
<tr>
<td>Magna Cum Laude</td>
<td>61</td>
</tr>
<tr>
<td>Major Exploration Program</td>
<td>43</td>
</tr>
<tr>
<td>Majors</td>
<td>64, 75, 116</td>
</tr>
<tr>
<td>Materials Science and Engineering</td>
<td>97</td>
</tr>
<tr>
<td>Math Placement Test, UCF</td>
<td>57</td>
</tr>
<tr>
<td>Meal Plans (See Housing and Residence Life)</td>
<td>44</td>
</tr>
<tr>
<td>Mechanical and Aerospace Engineering</td>
<td>98</td>
</tr>
<tr>
<td>Medical Laboratory Sciences Program</td>
<td>105</td>
</tr>
<tr>
<td>Medicine, College of</td>
<td>55, 104</td>
</tr>
<tr>
<td>Middle Eastern Studies Program</td>
<td>82</td>
</tr>
<tr>
<td>Military Science (Army ROTC)</td>
<td>100</td>
</tr>
<tr>
<td>Minors, Academic</td>
<td>65, 76, 344</td>
</tr>
<tr>
<td>Modern Languages and Literatures, Department of</td>
<td>82</td>
</tr>
<tr>
<td>Multicultural Academic and Support Services (MASS)</td>
<td>45</td>
</tr>
<tr>
<td>Name Changes</td>
<td>64</td>
</tr>
<tr>
<td>National Consortium for Academics &amp; Sports (NCAS)</td>
<td>27</td>
</tr>
<tr>
<td>Nicholson School of Communication</td>
<td>110</td>
</tr>
<tr>
<td>No Credit (NC) Grade</td>
<td>59</td>
</tr>
<tr>
<td>Non-Academic Admission Clearances</td>
<td>63</td>
</tr>
<tr>
<td>Non-Degree-Seeking Students, Limited</td>
<td>39, 57</td>
</tr>
<tr>
<td>Nursing, College of</td>
<td>55, 106</td>
</tr>
<tr>
<td>Oak Ridge Associated Universities (ORAU)</td>
<td>29</td>
</tr>
<tr>
<td>Osceola Regional Campus</td>
<td>17</td>
</tr>
<tr>
<td>Off-Campus College Credit Programs</td>
<td>27</td>
</tr>
<tr>
<td>Ombuds Office, University</td>
<td>21</td>
</tr>
<tr>
<td>Optics and Photonics, College of</td>
<td>107</td>
</tr>
<tr>
<td>Orientation</td>
<td>31</td>
</tr>
<tr>
<td>Osceola Regional Campus, Valencia</td>
<td>19</td>
</tr>
<tr>
<td>Over Awards</td>
<td>38</td>
</tr>
<tr>
<td>Palm Bay Regional Campus</td>
<td>18</td>
</tr>
<tr>
<td>Parking and Transportation Services</td>
<td>24</td>
</tr>
<tr>
<td>Past Due Accounts</td>
<td>40</td>
</tr>
<tr>
<td>Payment Procedures</td>
<td>39</td>
</tr>
<tr>
<td>Police, UCF Public Safety and . . .</td>
<td>21</td>
</tr>
<tr>
<td>Post-Baccalaureate Classification</td>
<td>60</td>
</tr>
<tr>
<td>Posthumous Degrees</td>
<td>70</td>
</tr>
<tr>
<td>Pre-Health and Pre-Law Advising</td>
<td>114</td>
</tr>
<tr>
<td>President’s Honor Roll</td>
<td>61</td>
</tr>
<tr>
<td>PRIME STEM Student Support Services Program</td>
<td>45</td>
</tr>
<tr>
<td>Index</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>62</td>
<td>Probation, Academic</td>
</tr>
<tr>
<td>61</td>
<td>Provisional Classification</td>
</tr>
<tr>
<td>114</td>
<td>Quality Enhancement Plan Office</td>
</tr>
<tr>
<td>31</td>
<td>Reactivation</td>
</tr>
<tr>
<td>62</td>
<td>Readmission</td>
</tr>
<tr>
<td>46</td>
<td>Recreation and Wellness Center</td>
</tr>
<tr>
<td>65</td>
<td>Records, Student</td>
</tr>
<tr>
<td>38, 39</td>
<td>Refund of Fees</td>
</tr>
<tr>
<td>15, 56</td>
<td>Regional Campuses</td>
</tr>
<tr>
<td>46</td>
<td>Registrar’s Office</td>
</tr>
<tr>
<td>57</td>
<td>Registration Policies</td>
</tr>
<tr>
<td>60</td>
<td>Religious Observances</td>
</tr>
<tr>
<td>64</td>
<td>Repeat Surcharges, Third Attempt Course</td>
</tr>
<tr>
<td>27</td>
<td>Research, Institutes and Centers for</td>
</tr>
<tr>
<td>19</td>
<td>Research Park, Central Florida</td>
</tr>
<tr>
<td>99</td>
<td>Reserve Office Training Corps (ROTC)</td>
</tr>
<tr>
<td>41</td>
<td>Residency Reclassification</td>
</tr>
<tr>
<td>36</td>
<td>Room and Board</td>
</tr>
<tr>
<td>55, 109</td>
<td>Sciences, College of</td>
</tr>
<tr>
<td>57</td>
<td>Senior Citizen Audit</td>
</tr>
<tr>
<td>60</td>
<td>Senior Classification</td>
</tr>
<tr>
<td>26</td>
<td>Service-Learning</td>
</tr>
<tr>
<td>12</td>
<td>Sexual Harassment Policy</td>
</tr>
<tr>
<td>24</td>
<td>Shakespeare Theater, Orlando</td>
</tr>
<tr>
<td>28</td>
<td>Simulation and Training, Institute for (IST)</td>
</tr>
<tr>
<td>29</td>
<td>Small Business Development Center (SBDC)</td>
</tr>
<tr>
<td>103</td>
<td>Social Work, School of</td>
</tr>
<tr>
<td>46</td>
<td>Sophomore and Second Year Center (SSYC)</td>
</tr>
<tr>
<td>60</td>
<td>Sophomore Classification</td>
</tr>
<tr>
<td>18</td>
<td>South Lake Regional Campus</td>
</tr>
<tr>
<td>61</td>
<td>Special Student Classification</td>
</tr>
<tr>
<td>57</td>
<td>State of Florida Employee Registration</td>
</tr>
<tr>
<td>39</td>
<td>State of Florida Employees Tuition Waivers</td>
</tr>
<tr>
<td>58</td>
<td>State Tuition Exemption Program (STEP)</td>
</tr>
<tr>
<td>46</td>
<td>Academic Resource Center (SARC)</td>
</tr>
<tr>
<td>39</td>
<td>Account Services</td>
</tr>
<tr>
<td>60</td>
<td>Classifications</td>
</tr>
<tr>
<td>45, 60</td>
<td>Conduct</td>
</tr>
<tr>
<td>42</td>
<td>Development &amp; Enrollment Services</td>
</tr>
<tr>
<td>47</td>
<td>Disability Services</td>
</tr>
<tr>
<td>35, 47</td>
<td>Financial Assistance</td>
</tr>
<tr>
<td>47</td>
<td>Government Association (SGA)</td>
</tr>
<tr>
<td>45</td>
<td>Involvement (OSI), Office of</td>
</tr>
<tr>
<td>47</td>
<td>Legal Services</td>
</tr>
<tr>
<td>48</td>
<td>Neighborhood Relations (SNR)</td>
</tr>
<tr>
<td>35, 45</td>
<td>Outreach Services</td>
</tr>
<tr>
<td>65</td>
<td>Records</td>
</tr>
<tr>
<td>13</td>
<td>Responsibility for University Communication</td>
</tr>
<tr>
<td>35, 48</td>
<td>Rights and Responsibilities</td>
</tr>
<tr>
<td>48</td>
<td>Union</td>
</tr>
<tr>
<td>13</td>
<td>Use of Technology</td>
</tr>
<tr>
<td>26</td>
<td>Study Abroad Programs</td>
</tr>
<tr>
<td>61</td>
<td>Summa Cum Laude</td>
</tr>
<tr>
<td>73</td>
<td>Summer Attendance Requirement</td>
</tr>
<tr>
<td>61</td>
<td>Temporary Student Classification</td>
</tr>
<tr>
<td>47</td>
<td>Testing Center, University</td>
</tr>
<tr>
<td>64</td>
<td>Third Attempt Course Repeat Surcharge</td>
</tr>
<tr>
<td>31, 39, 72</td>
<td>TOEFL</td>
</tr>
<tr>
<td>27</td>
<td>Tourism Studies, Dick Pope, Sr. Institute for</td>
</tr>
<tr>
<td>30</td>
<td>Tours, Campus (Campus Visit Experience)</td>
</tr>
<tr>
<td>64</td>
<td>Transcript Requests</td>
</tr>
<tr>
<td>32</td>
<td>Transfer Applicants</td>
</tr>
<tr>
<td>34</td>
<td>Transfer Credit</td>
</tr>
<tr>
<td>48, 50</td>
<td>Transfer and Transition Services</td>
</tr>
<tr>
<td>32, 37</td>
<td>Transfer Students</td>
</tr>
<tr>
<td>31, 33</td>
<td>Transient Student</td>
</tr>
<tr>
<td>24</td>
<td>Transportation Services, Parking and</td>
</tr>
<tr>
<td>36, 39</td>
<td>Tuition and Fees</td>
</tr>
<tr>
<td>39</td>
<td>Tuition Waivers</td>
</tr>
<tr>
<td>59</td>
<td>UCF Cumulative GPA</td>
</tr>
<tr>
<td>57</td>
<td>UCF Employees Registration</td>
</tr>
<tr>
<td>39</td>
<td>UCF Employees Tuition Waiver</td>
</tr>
<tr>
<td>25</td>
<td>UCF Foundation, Inc.</td>
</tr>
<tr>
<td>13</td>
<td>Undeclared Policy</td>
</tr>
<tr>
<td>12</td>
<td>Undergraduate Academic Policy Statement</td>
</tr>
<tr>
<td>30, 48</td>
<td>Undergraduate Admissions</td>
</tr>
<tr>
<td>21, 56, 113</td>
<td>Undergraduate Studies, Office of</td>
</tr>
<tr>
<td>8, 555</td>
<td>Administration</td>
</tr>
<tr>
<td>47</td>
<td>Testing Center</td>
</tr>
<tr>
<td>60</td>
<td>Unsatisfactory Work, Attendance, or Absences</td>
</tr>
<tr>
<td>74</td>
<td>Upper Division, Admission to the</td>
</tr>
<tr>
<td>19</td>
<td>Valencia Osceola Regional Campus</td>
</tr>
<tr>
<td>19</td>
<td>Valencia West Regional Campus</td>
</tr>
<tr>
<td>58</td>
<td>Verifications, Enrollment and Degree</td>
</tr>
<tr>
<td>48</td>
<td>Veteran Services</td>
</tr>
<tr>
<td>48</td>
<td>Veterans Academic Resource Center (VARC)</td>
</tr>
<tr>
<td>49</td>
<td>Wellness and Health Promotion Services</td>
</tr>
<tr>
<td>46</td>
<td>Wellness Center, Recreation and</td>
</tr>
<tr>
<td>58</td>
<td>Withdrawal Policy</td>
</tr>
<tr>
<td>83</td>
<td>Women’s Studies Program</td>
</tr>
<tr>
<td>36</td>
<td>Work Study, Federal</td>
</tr>
</tbody>
</table>

**UNIVERSITY OF CENTRAL FLORIDA**

563 | Undergraduate Catalog 2014-2015