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.

University of Central Florida

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
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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. Soleau
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. Cherepov
Executive Director, University Audit ........................................... Robert Taft
Interim Director, Diversity Initiatives ........................................ Barbara Thompson
Director, Global Perspectives and Special Assistant to the President ........... John Bursia
Director, Equal Opportunity and Affirmative Action Programs .... Maria Beckman
University Ombuds Officer ............................................... Shreya Trivedi
Chief Compliance and Ethics Officer ..................................... Rhonda Bishop
Communication Officer .................................................. Ross Hinkel

Office of the Provost and Vice President for Academic Affairs
Interim Provost and Vice President, Academic Affairs ............... Diane Z. Chase
Vice Provost and Chief Information Officer .................. Information Technologies and Resources ............... Joel L. Hartman
Vice Provost, Regional Campuses .................................... Jeff Jones
Vice Provost and Dean, College of Graduate Studies .......... Ross Hinkel
Interim Vice Provost and Dean, Office of Undergraduate Studies . Elliot Vittes
Associate Provost, Associate General Counsel ..................... Sheryl Andrews
Assistant Vice President, Institutional Knowledge Management ...... Paige Borden
Assistant Vice President, Operational Excellence ...................... Patrice Laney
and Assessment Support ........................................... Patrice Laney

Office of the Vice President for Community Relations
Vice President, Community Relations ......................................... Helen Donegan
Associate Vice President, Division of Community Relations ...... Diane Trees
Associate Vice President and Director, Office of Community Relations ........ Martiza Martinez
Assistant Vice President, Division of Constituion Relations ......... Glenna Oro
Director, Constituent Relations ........................................... Ana Petkovic
Director, Diplomacy Program ............................................ Ambassador Harriam Elam-Thomas
Director, Global Perspectives Office .................................... Special Assistant to the President for Global Perspectives .... John Bersia

Office of the Vice President for Student Development and Enrollment Services
Vice President, 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 Pavlounis
Assistant Vice President, Student Neighborhood Relations ......... A. J. Range
Assistant Vice President, Advising and Career Services ............. Chanda Torres
University Registrar ....................................................... Brian Boyd
Executive Director, Career Services ...................................... Lynn Hansen
Executive Director, Housing and Residence Life ..................... Christi Hartzler

University of Central Florida Foundation
Vice President, Alumni Relations and Development and Chief Executive Officer ........... Robert J. Holmes, Jr.
Associate Vice President, Development and Chief Development Officer ............... Joyce Henckler
Associate Vice President, Operations and Chief Operating Officer ...................... Ben McMahen
Associate Vice President, Administration and Legal Counsel ..................... Margaret Jarrell-Cole
Associate Vice President, Alumni Relations and Executive Director, UCF Alumni Association .......... Thomas Messina
Associate Vice President, Accounting and Financial Management Services and Chief Financial Officer ........... Bert Francis, II

Office of the Vice President for University Relations
Vice President, University Relations, and Director of Governmental Relations ........ Daniel C. Holsenbeck
Associate Vice President, University Relations and Director, State and Local Governmental Affairs .......... Fred R. Kittinger, Jr.
Associate Vice President, Communications and Public Affairs ....................... Grant J. Heston
Associate Vice President, University Marketing ............................ Terrence K. Helms
Assistant Vice President and Director, Federal Relations .................... Gregory A. Schuckman
Assistant Vice President for University Relations and Director, Defense Transition Services ................. Aazo J. Reddick
Assistant Vice President for University Relations and Director, University Economic Development .......... Edward L. Schons
Assistant Vice President, Administrative Services ......................... Richard Payne

Office of the Vice President for Administration and Finance and Chief Financial Officer
Vice President, Administration and Finance and Chief Financial Officer .................... William F. Merck II
Assistant 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 Operations .............................................. TBA
Director, Facilities Planning and Construction .......................... Bob Howson
Director, Human Resources ............................................... Roxane Walton
Director, Landscape and Natural Resources .............................. Patrick Bohlen
Director, Parking and Transportation Services ............................ TBA
Director, Purchasing ..................................................... Gregory Robinson
Director, Resource Management ................................................. Montel Watson
Director, Sustainability and Energy Management ......................... TBA
# 2014 SUMMER ACADEMIC CALENDAR

<table>
<thead>
<tr>
<th>Event/Deadline</th>
<th>Session A May 12 - June 20 6 Weeks</th>
<th>Session B June 23 - August 1 6 Weeks</th>
<th>Session C May 12 - August 1 12 Weeks</th>
<th>Session D May 12 - July 11 9 Weeks</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 Without Deadline</td>
<td>April 14</td>
<td>April 14</td>
<td>April 14</td>
<td>April 14</td>
</tr>
<tr>
<td>Graduation Application (Online Intent to Graduate Form on myUCF)</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 myUCF (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>Payment Deadline on myUCF (July 3, 2014 - Sessions A, C, and D)</td>
<td>May 23, 2014</td>
<td></td>
<td></td>
<td></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 Reinstates 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>Registration1,2,4 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 Registration1,2 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 Deadline2</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 Reinstat Drop for Nonpayment Classes</td>
<td>October 27</td>
<td>March 30</td>
</tr>
<tr>
<td>(ends at 4:00 p.m.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VA Deferral Payment Deadline2</td>
<td>November 28</td>
<td>April 10</td>
</tr>
<tr>
<td>Classes End; Last Day to Remove Incomplete3</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.

1 $100 Late Registration Fee applies to students who have not enrolled by the close of 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 award date prior to graduation from the University, whichever comes first, else they will change to “F”.
4 Under Multiple Term Registration, undergraduates with a declared major and UCF GPA of 3.5 or higher will receive their appointment dates and times for Summer 2014, Fall 2014 and Spring 2015 beginning February 23, 2014. Registration for these students will begin on or after March 17, 2014. All other eligible students will receive their registration times beginning October 6, 2014, and Spring registration for these students will begin on or after October 20, 2014.

### 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></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 announce-
ments, 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 can-
not 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 commu-
nity. 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 unwel-
come sexual advances, requests for sexual favors, or verbal or physical
conduct of a sexual nature when:

1. Submission to such conduct was 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;

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 admis-
sion 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 discrimi-
nation. The office is located on the Orlando campus, in Millican Hall
330, Orlando, FL 32816-0030. The phone number is 407-UCF-1EEO.

**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, pos-
session 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, professional or disciplinary action and/or referral for disciplinary action up to
and including termination/expulsion and/or referral for prosecution con-
sistent with local, state and federal law.

**Campus Alcoholic Beverages Policy**

The sale, service, possession and consumption of alcoholic bever-
ages shall comply with state and federal laws, city and county ordi-
nances, and the licensing agreement with on-campus distributors which
allows for the sale and service of alcoholic beverages. In addition the
University has adopted the following policies governing the sale, ser-
vice, 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.

Possession and consumption of alcoholic beverages in open or
sealed containers is prohibited except in designated areas or as
approved with special events.

Individuals are responsible for their actions regardless of their mental
or physical state as it may be affected by mind-altering chemicals such
as alcohol, other drugs, or tobacco.

Student organizations may develop more stringent regulations regard-
ing alcohol use.

**Locations**

The sale of alcoholic beverages to individuals of legal age will be per-
mitted in licensed areas by licensed on-campus distributors.

The sale or service of alcoholic beverages to individuals of legal age
will be permitted at other select campus locations for catered functions
by properly authorized distributors.

The serving, possession or consumption of alcohol by individuals of
legal age may be permitted in private residential rooms in the residence
halls and other on-campus or affiliated housing unless otherwise pro-
hibited by the governing organization. Consumption of alcoholic bever-
ages in public or common areas within on-campus residential units shall
follow guidelines provided by their governing organization, and local,
state and federal law.

**Approval Procedures: Student Groups**

Approval for students or student organizations to host an event
where alcoholic beverages are present in non-licensed campus loca-
tions must be obtained from the Director of Student Leadership
Programs.

The following information must be supplied by the student organization
and approved by the appropriate university officials, no less than 15
calendar days prior to the event(s). These arrangements include but are
not limited to: sponsoring organization and nature of event; date, begin-
ing and ending times, and location of event; number in attendance and
method of registering guests; method of designation for those of age/
underage; contained area where alcohol consumption is permitted; type
of alcohol along with food and alternative non-alcoholic beverages to
be provided; method of security including number of campus police
officers; person to be contacted at event in case of questions or problems.

**Approval Procedures: Non-Student Groups**

When an event is properly scheduled to take place in a location where
a campus concession holds a license, alcoholic beverages are
sold through the contracted vendor and their license. Groups
or organizations who seek to sell beer or wine along with a non-alcoholic
choice at other locations on campus must obtain approval to secure a
beer or wine license from the Director of Business Services prior to
making application for the license. With approval the license is then
to be obtained by the organization from the Alcoholic Beverages and
Tobacco Division of the Department of Business Regulations of the
State of Florida. Off-campus groups or organizations who seek to serve
alcoholic beverages in a location and situation which does not require a
license must obtain prior approval to serve alcohol on campus from the
Director of Business Services.

For the complete and definitive version of the Drug-Free Workplace/
Drug-Free Schools Policy Statement, please go to:
http://www.goldenrule.sdes.ucf.edu/

**Academic Behavior Standards**

The University of Central Florida is committed to a policy of honesty in
academic affairs. Conduct that comprises a breach of this policy may
result in academic action, disciplinary action, and/or program action.

Academic action affects student assignments, examinations or grades.
Disciplinary action may affect student enrollment status. Program action
typically affects the student’s status in a specific program of study. Academic
Misconduct includes but is not limited to cheating, plagiarism, misuse
of sources, assisting another in cheating or plagiarism, and commercial
use of academic materials. The violations of student academic behav-
ior standards on the undergraduate and graduate level are listed and

**Note:** A student who has assisted another in violation of the aforementioned
breach of standards shall be considered equally culpable. In cases of
cheating or plagiarism, the instructor may document the incident and
choose to take appropriate academic action ranging from loss of credit
for a specific assignment, examination, or project to removal from the
course with a grade of “F.” Additionally, disciplinary action may be taken
through the Office of Student Rights and Responsibilities, which may
result in punitive and education sanctions, as outlined in The Golden
Rule Student Handbook. Students found in-violation of Academic
Misconduct will receive a Z designation that would be included with

**UNIVERSITY NOTICES**

**University of Central Florida**
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 campus 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 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.

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
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Arts and Humanities  National Association of Schools of Music (NASM), 12250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248
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
Health and Public Affairs  Commission on Accreditation of Athletic Training Education (CAATE), 6836 Austin Center Boulevard, Suite 250, Austin, TX 78731-3193
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 Services Administration  Association of University Programs in Health Administration (AUPHA), 2000 14th Street North, Suite 780, Arlington, VA 22201
Social Work  Council on Social Work Education (CSWE), 1701 Duke Street, Suite 200, Alexandria, VA 22314-3457
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
Nursing  Florida Board of Nursing, Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW Suite 530, Washington, DC 20036
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.
Attractive Amenities: UCF is a top national university to watch. UCF also has been consistently ranked as one of the nation's best and brightest students. The fall freshman class for the 2013-14 academic year posted an average SAT score of 1248 and a high school grade-point average of 3.9. A total of 247 National Merit Scholars enrolled in fall 2013. UCF also continues to become more diverse each year, with four of every 10 students in fall 2013 classified as minority students.

Outstanding Students: UCF continues to attract many of the nation's best and brightest students. The fall freshman class for the 2013-14 academic year posted an average SAT score of 1248 and a high school grade-point average of 3.9. A total of 247 National Merit Scholars enrolled in fall 2013. UCF also continues to become more diverse each year, with four of every 10 students in fall 2013 classified as minority students.

Attractive Amenities: The University of Central Florida is the nation's second-largest university and is located in one of the most dynamic and vibrant communities in the country – the Orlando metroplex. UCF's 1,415-acre main campus provides modern facilities, most of which have wireless capability, with approximately 600 acres set aside for lakes, woods and an arboretum.

Offering more than 200 degree programs, UCF is an academic and research leader in many fields, including optics and photonics, modeling and simulation, engineering and computer science, business administration, education, life sciences, hospitality management and digital media. The College of Medicine, which graduated its first M.D. students in spring 2013, is the centerpiece of a medical city at Lake Nona bustling with scientists searching for cures for cancer and other diseases. The College of Medicine supports a full-service health clinic with on-site professionals, X-ray capabilities, a pharmacy, a dental clinic, a medical laboratory and physical therapy services.

The Career Services and Experiential Learning building features a three-story climbing wall, an indoor track and myriad fitness equipment. The Student Union offers computer labs, study lounges, ballrooms and meeting rooms, popular eating establishments and a small shopping mall. A state-of-the-art Health Center supports a full-service health clinic with on-site professionals, X-ray capabilities, a pharmacy, a dental clinic, a medical laboratory and physical therapy services.

At Technology Commons, students can test and purchase the latest computer products and produce podcasts and video presentations. A new Performing Arts Center provides music and theatre students with state-of-the-art facilities that substitute for video instruction may include any of the following elements: web activity, in-person or proctored examinations, and labs. See course notes for details.

Students who plan to enroll in any course with a web or streaming video component must have access to the Internet, a Web browser such as Internet Explorer or Chrome, basic web-browsing knowledge, ability to use email, and basic computer skills such as word-processing.

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://programs.online.ucf.edu. While residing in one of these states, students may not be permitted to enroll in or be admitted to a UCF online program.

Regional Campuses

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 and Palm Bay, UCF Daytona Beach, 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 Community 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 options in a variety of disciplines within the university. 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 Campuses locations, programs or class schedules, check the website at http://www.regionalcampuses.ucf.edu.
University of Central Florida/Campuses

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 .......................... K. Harris
Associate Vice President, Academic Initiatives .......... Stephen Holmes
Director, Special Programs .................................. Jennifer Sumner
Associate Director, Academic Initiatives .................. Waheedha Illasarie
Associate Director, Academic Initiatives .................. Mary Lynn Bresette
Assistant Director, Continuing Education ................. Katie Reyes
Facilities Scheduler ........................................ Denise Devin
Coordinator, Statistical Research .......................... Jeanne Walker
Associate Vice President, Regional Campus Transfer 
Admission & Enrollment/Makingeting ...................... Angé Peterson
Director, RC Enrollment Services ......................... Deborah Bradford
Marketing Account Executive .............................. Michelle Fuentes
Web Designer ............................................... Tony Recascino
Assistant Web Support ..................................... Minesh Patel
Senior Art Specialist ....................................... Mary Lou Wade
Director, Library Services .................................. Cynthia Kisy
Assistant Vice Provost, Regional 
Campuses Student Services & Advising .................. Pam Cavanaugh
Associate Vice President, Business Affairs 
and Operations ............................................. David Lane
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 ............. Debrah Lisa Cruz
Coordinator, Academic Advisor, Osceola ................. Melissa Hanbery
Coordinator, Academic Advisor, Osceola ................. Salama Mohamed
Coordinator, DirectConnect Advisor, West .......... Lourdes Acevedo
Coordinator, DirectConnect Advisor, Osceola .......... Kim Martinez
Director, IT Manager ...................................... Jacqueline Diaz
Administrative Assistant ................................. Bonnie Kenney
Department IT Manager .................................. Joe Cassella

UCF Daytona
Assistant Vice President ................................... Linda Bradley
Regional Associate Director ................................ Darryl Greetley
Associate Director, Student Services ....................... Raphael Robinson
Senior Admissions/Registrar Officer ...................... Shrely 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 Pantoni
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 ............................ Sheryl Schagen
Coordinator, Enrollment Services ........................ Jessica Houts
Department IT Manager .................................... Sue Sorensen
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 Pasnisin
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 .................................. Lila 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
Education and Human Performance
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
Legislative 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
Religious and Studies (B.A.) College of Arts and Humanities
Sociology (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
University of Central Florida/Campuses

UCF Daytona Beach
386-506-4021
(In partnership with Daytona 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 (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
352-854-2322, 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 (Cohort)
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.) 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
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

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
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
Exceptional Education
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
University of Central Florida/Campuses

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

Undergraduate Minors
  Crime, Law and Deviance
  Criminal Justice
  Diversity of Social Inequality
  English – Creative Writing
  English – Technical Communication
  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

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

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
History (B.A.) College of Arts and Humanities
  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 Sanford/Lake Mary
407-708-2471
(In partnership with Seminole 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
Early Childhood Education (B.S.) College of Education and Human Performance
Elementary Education (B.S.) College of Education and Human Performance
Health Services Administration (B.S.) College of Health and Public Affairs

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
  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
  Women's Studies
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

Undergraduate Minors
Aging Studies
Anthropology in Multicultural Studies
Business (for non-business minors)
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

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, Legal Studies, 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

Undergraduate Degree Programs
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

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 action 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 dialouge on major economic issues concerning computer, 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: Narsingh 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. 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. 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.

Al and Nancy Burnett Eminent Scholar Chair in Accounting: Created in 1991 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 2002 to support the teaching and research of an internationally recognized scholar in hotel management. Chair: TBA.

Linda Chapin Eminent Scholar Chair in Tourism Management: Created in 2002 to support the teaching and research of an internationally recognized scholar in tourism management. Chair: Abraham Pizam.

William Peeper Eminent Scholar Chair in Destination Marketing: Created in 2002 to support the teaching and research of an internationally recognized scholar in destination marketing. Chair: TBA.

Mildred W. Coyle Eminent Scholar Chair: Created in 2002 to support the teaching and research of an internationally recognized scholar in various disciplines of professional education. Chair: Sandra L. Robinson.

Robert N. Heintzelman Eminent Scholar Chair: Created in 2002 to conduct research into the determination of the basic cause of greed in humanity and to determine the appropriate manner and methods of eliminating the cause of greed and fostering altruism. Chair: Edward H. Robinson, III.

DeVos Eminent Scholar in Sport Business Management Endowed Scholar Chair: Created in 2001 to attract a nationally or internationally prominent scholar in the field of sports, with a strong commitment to graduate sport business management programs. Chair: Richard E. Lapchick.

Richard T. Crotty Orange County Endowed Scholar Chair: Created in 2004 to attract a nationally or internationally prominent scholar to conduct research in his/her primary field and to assist in the development of research, programs, and support service as the faculty liaison to the Institute for Economic Competitiveness, College of Business Administration. Chair: TBA.

Florida Photonics Center of Excellence Eminent Scholar Chair of Nanophotonics: Created in 2003 to strengthen and support teaching and research in the field of nanophotonics at the College of Optics and Photonics. Chair: Dennis Deppe.

Agere Systems, Inc. Eminent Scholar Chair of Computer Science: Created in 2005 in recognition of the university’s leadership in the Florida High Tech Corridor and the FHTC Council’s objective of attracting, retaining, and growing tech-based industry in our region and in the preparation of the workforce needed for our region. Chair: Mubarak A. Shah.

Chatlos Foundation Endowed Chair in Nursing: Created in 1996 to support a key faculty member of distinguished reputation who will engage in teaching, research, and scholarly activities relating to nursing. Chair: Karen Aronian.

Kenneth G. Dixon Eminent Scholar Endowed Chair in Accounting: Created in 2004 as a key component of the Dixon School of Accounting. Chair: TBA.

Howard Phillips Eminent Scholar Chair in Real Estate: Created in 2005, as a key component of the Dr. P. Phillips School of Real Estate. 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 develop research and education in the fields of control and signal processing in the College of Engineering and Computer Science. Chair: Marwan A. Simaan.

Dr. Neil Euliano Chair in Italian Studies: Created in 2005. This is the first Chair in Italian Studies in the State of Florida and is designed to support the teaching and research of an internationally recognized scholar of Italian and Italian American Culture. Chair: Paolo Giordano.

NAIOP Eminent Scholar Chair in Real Estate: Created in 2005 as a key component of the Dr. P. Phillips School of Real Estate. Chair: Geoffrey K. Tumbull.

Judith & David Albertson 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 relating to Visual Arts. Chair: TBA.

Lester N. Mandell Eminent Scholar Endowed Chair: Created in 2004 to assist in the development of an Ethics Center. Chair: TBA.

Endowed Chair in Transportation: Created in 2006 to attract and retain an experienced and recognized professor specializing in transport research and education. Chair: TBA.

Capital Campaign Engineering Endowed Chair: Created in 1983 to provide support for a chair in Engineering. Chair: TBA.

Karl H. Guenther Endowed Chair in Thin Film Optics: Created in 1998 to support the School of Optics Education in Thin Film Optics. Chair: TBA.

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

Florida Photonics Center of Excellence Endowed Chair in Biophotonics: Created in 2003 to strengthen and support teaching and research in the field of biophotonics at the College of Optics and Photonics. Chair: TBA.

Florida Hospital Endowed Chair in Cardiovascular Science: Created in 2011 to build collaborative research programs with Florida Hospital and other Central Florida scientists while providing leadership to the research enterprise in the Burnett School of Biomedical Sciences, College of Medicine. Chair: Sampath Parthasarathy.

Hugh F. and Jeannette G. McKean Endowed Chair in Nursing: Created in 2011 to strengthen and support the preparation of nurse educators. Chair: Diane Wink.

Florida Hospital Endowed Chair in Healthcare Simulation: Created in 2011 to support a leading expert in simulation to advance simulation in nursing and healthcare disciplines. Chair: Gregory Welch.

Paul N. Somerville Endowed Chair for Statistics: Created in 2012 to strengthen and support teaching and research in the field of statistics with an emphasis on the area of Big Data. Chair: TBA.
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 Officer, 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.

Office of Undergraduate Studies
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 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 the Academic Advancement Programs. The Dean serves as the final arbitrator 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, employing 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 and staff 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 safety resources and providing the offering 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/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

University Libraries

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

The University Libraries offers a variety of information resources and services. An extensive information 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.

- 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-four workstations 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-circuit 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 support the development of information literacy skills through the provision of Information Literacy Modules, http://infoll.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/UCFLibraries.
- 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 page http://library.ucf.edu/RegionalCampusLibraries

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://www.oir.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 facility 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 consultation 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.
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 87.1 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 CUF 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 gift 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 gift 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-trip runs 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 Oviedo, 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: jimh@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 Harriett Lake Festival of New Plays, and innovative educational programming which includes summer camps, a summer high school performance group, and the K-12 “Shakespeare Alive” and Shakesperience programs. Performances are presented in Margetson, Goldman, Mandell, and Santos-Dantin 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](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](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](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](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.
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. Past RSE include the following: Griffith University, Australia; MODUL University in Austria; Universidade Federal do Rio de Janeiro, Brazil; Hong Kong Polytechnic and Tongi University, China; Université d’Angers, ICN School of Business and Paris VI in France; Meikai University in Japan; Tilburg University, The Netherlands; Jonkoping and Malardalen universities in Sweden; and University of the West of England and University of Surrey in the United Kingdom.

There are many more study abroad options. It is important that interested participants investigate their choices, the requirements and the implications that each choice has in terms of cost, credit transferability and progress toward graduation. OIS staff members can provide program advice and general information about options. For up-to-date information, please visit http://www.studyabroad.ucf.edu or contact OIS at 407-882-2300.

Experiential Learning (Office of), Undergraduate Studies
Interim Director: Ulla Isaac
CSEL 305; 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
BA2 223; 407-823-3555
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 equity, 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’s 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 partnerships 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; 407-823-3865, 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 Crous
9907 Universal Blvd., Suite 231-D, Orlando, FL 32819; 407-903-8028
Email: DPI@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 involves 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 operations.
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 Hoffer
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 address critical 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: eelii@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 state and 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: James 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-efficient 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://fsi.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 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, human 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 performance 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 in conjunction with a master’s degree in simulation systems, the university in collaboration with IST also offers a truly multidisciplinary Ph.D. in Modeling and Simulation. Both master’s and doctoral programs accept applications from graduate students in computer science, digital media, psychology, engineering, mathematics, business, and other related disciplines. Also available at the graduate level are the Modeling & Simulation Professional Science Master’s degree, a two-year course of study providing a combination of technical and business courses, and the Graduate Certificate in Modeling and Simulation of Technical Systems, which requires fifteen or more credit hours beyond the bachelor’s degree and is beneficial to technical professionals involved with constructing and using simulation models of dynamic systems.

The institute annually employs more than 100 graduate and undergraduate students in a variety of research and support positions. For many outstanding graduates, 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, have used the institute 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 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; 407-823-2818
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 Councilor 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://see.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
- Finance
- Operations
- Technology
- Marketing
- Accounting
- Management
- 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 is also dedicated to providing quality customer service through effective teamwork and through the development of collaborative partnerships with both internal and external communities.

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 complete 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
Undergraduate Admissions

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. All final supporting documents must be received directly from the issuing institution or testing agency. All final supporting documents must be received by the Office of Undergraduate Admission no later than six (6) days after the first day of classes.

Note: Furnishing false or fraudulent statements in connection with an 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://programs.online.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 that 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 and indicators of performance, creativity, or talent to complete required work within the program.

Orientation

All first-time undergraduate degree-seeking students are required to attend orientation prior to enrollment. Orientation information is mailed to all FTIC students offered admission who have submitted their enrollment deposit and to all transfer students offered admission to the University. Information regarding orientation may also be viewed on the website at http://fye.ucf.edu/.

Admission Categories

Students may submit applications to the University for one of the following categories:
A. Freshman (First-Time-In-College: FTIC)
B. Dual Enrollment/Early Admit (includes early admission and dual enrollment, on- or off-campus)
C. Transfer*
D. Second Bachelor’s Degree
E. Transient (one term enrollment only, not from a Florida public institution)**
F. Non-Degree Seeking (not including students who have already earned a bachelor degree)**
G. Limited Non-Degree Seeking****
H. Special Non-Degree Seeking***** (includes students participating in specific non-degree seeking programs including ROTC, Study Abroad only, Marching Band only, and Rosen College exchange programs)

*Transfer students with 60 semester hours or more may also designate one of many Regional Campus sites. Please refer to the application.
**Students applying as transient from a Florida public institution should apply through Florida Virtual Campus at http://www.fvc.org.
***Students who have already earned a bachelor degree and wish to attend as non-degree seeking should follow the procedure through our Graduate Admissions Office located at http://www.admissions.graduate.ucf.edu/nondegree_applicants./
****Please see the “Academic Regulations and Procedures” section of this catalog for this admission category.

Freshman Applicants

Any FTIC student who meets Florida Board of Governors regulation for minimum admission requirements is encouraged to submit an application. Meeting these minimum requirements does not guarantee admission. An applicant’s total high school record (including grades, test scores, educational objective, 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 calculation. 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 substantial 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:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Minimum Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT Critical Reading</td>
<td>460 or ACT Reading = 19</td>
</tr>
<tr>
<td>SAT Mathematics</td>
<td>460 or ACT Mathematics = 19</td>
</tr>
<tr>
<td>SAT Writing</td>
<td>440 or ACT English/Writing = 18</td>
</tr>
</tbody>
</table>
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 department for admissions sets the space available 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 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 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 an Associate in Arts 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 guarantee 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; 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; and,
- 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/.
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 requirements. A baccalaureate degree must meet the regular requirements of the university (as defined under the University of Central Florida Undergraduate Catalog). Because of additional processing time, students with 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 a 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.flvc.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 toward a degree and has 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 graduate.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 the 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 statements with the International Student and Scholar Services to indicate 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.

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 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.

Undergraduate Catalog 2014-2015
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;
- 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 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;

Office of Student Financial Assistance
Director: Alicia Keaton
MH 120; Switchboard: 407-823-2827; Appointment: 407-823-5285;
Fax: 407-823-5241
Email: finaid@ucf.edu
http://finaid.ucf.edu

Office Hours:
Monday: 9:00 a.m. - 5:30 p.m.
Tuesday, Wednesday, Friday: 9:00 a.m. - 5:00 p.m.
Thursday: 1:00 p.m. - 5:30 p.m.
(Hours subject to change during holidays and semester breaks.)

The mission of the Office of Student Financial Assistance is to provide UCF students and the University community comprehensive quality service by offering options for financial assistance and efficient delivery of aid. Financial aid counseling is available by appointment. Due to confidentiality, counseling by phone and email is limited. Student Financial Assistance, a unit of Student Development and Enrollment Services, is dedicated to the attainment of UCF’s mission and goals.

Student Rights and Responsibilities
Students have the right to full information about the financial aid programs available at UCF, our application procedures, aid deadlines, and the criteria used to determine a financial aid package. Students have the right to appeal decisions made by the Office of Student Financial Assistance. Students also have the right to equitable treatment of their financial assistance applications. Although each student’s case is analyzed individually, eligibility standards are applied uniformly without regard to race, gender, religion, creed, national origin, or disability. All students’ records are confidential.

It is the student’s responsibility to review and understand all information and instructions, meet all deadlines, and provide all information and documentation accurately. Errors and omissions can cause delays and prevent students from receiving assistance. Misrepresentation is a violation of federal regulations.

Student Eligibility
To receive aid from most federal and state financial aid programs, students must meet certain requirements. All students are encouraged to complete the Free Application for Federal Student Aid (FAFSA) annually, before March 1, to determine eligibility. The FAFSA results are required for many programs. The federal processor, using a standardized formula, calculates financial need. Those results are then forwarded to the schools that were identified on the application. UCF must be listed on the FAFSA in order to receive the data. UCF’s Federal School Title IV code is 003954. Regulations are subject to change at any time.

Application Priority Date
All students must apply or reapply annually for financial aid.
To be considered for the full range of financial aid available, students should complete the Free Application for Federal Student Aid (FAFSA)/Renewal FAFSA by mid-February. The processed results of the FAFSA must be received by UCF by March 1st to meet the university’s application priority date.
- If the priority date is missed, students should apply as soon as possible after that date to be considered for the financial aid that is still available, such as the Federal Pell Grant, Federal Direct Stafford Loan, and Federal Direct PLUS Loan;
- Students should not wait to be admitted to UCF before applying for financial aid;
- Federal Pell Grants and Federal Direct Stafford Loans are available on a year-round basis. Students may apply for financial aid in advance of any term and receive aid from these programs, if eligible;
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 students 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](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](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></td>
</tr>
<tr>
<td>Florida Residents</td>
<td>Non-Florida Residents</td>
</tr>
<tr>
<td>Living Arrangement</td>
<td>On/Off Campus</td>
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<td></td>
<td>Parent/Relative</td>
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<tr>
<td>Tuition and Fees</td>
<td>$5,930</td>
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<tr>
<td>Books</td>
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<tr>
<td>Room &amp; Board</td>
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<tr>
<td>Transportation</td>
<td>1,856</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>2,772</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$21,462</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 and courses counted toward degree. 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 disbursement.

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 to not 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**

Timing 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](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.

For detailed SAP policy information, please refer to the Office of Student Financial Assistance website at: [http://finaid.ucf.edu](http://finaid.ucf.edu).

### Classification

<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>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 percentage 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 semester review process.

To appeal, the student must:

- Complete the Satisfactory Academic Progress Appeal Form; (available at [http://finaid.ucf.edu](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.

For detailed SAP policy information, please refer to the Office of Student Financial Assistance website at [http://finaid.ucf.edu/receiving/sap.html](http://finaid.ucf.edu/receiving/sap.html).

**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.)

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**Student Financial Assistance**

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- 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 on 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 TUITION AND FEES

Student Account Services
Senior Associate Controller: Dan Mayo
MH 109; 407-823-2433,
Email: stuacccts@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 campus, 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. Tuition 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 direct 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 deferral. Past Due Accounts

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 closure 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.

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, parollee, 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](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 residency 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 subsequently 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.
Counseling & Psychological Services (CAPS)

Director: Karen Hofmann
CAPS; 407-823-2811
Email: councilntr@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 5:35 p.m. to 9:15 p.m., Monday through Thursday during the fall and spring semesters.

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 who 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 programming 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://fsl.sdes.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, Value, and Cigna health insurance plans. This entitles 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 help from the Health Center 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*  
HAB 123; 407-823-4663  
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 Question-ing/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, and concerns that confront multicultural and First Generation College Students at UCF.

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://goldenule.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://goldenule.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 academic records and coordinates and enforces university policies and procedures campuswide through cooperation, communication, and leadership. In addition, the Registrar’s Office is responsible for management and publication of course offerings, Undergraduate Advising Guide, the online Undergraduate Catalog, the efficient utilization of classroom resources, readmission, transient student admission, residency reclassifications, student veteran services, and Commencements.

Sophomore and Second Year Center (SSYC)
Director: Robert Snow
HPH 215; 407-823-3375
Email: sophomore@ucf.edu
http://ssyc.sdes.ucf.edu

The Sophomore and Second Year Center (SSYC) has a mission to assist and retain sophomore and second year students at the University of Central Florida. This mission is accomplished by providing academic advising and support services to targeted student populations, developing and conducting programs that guide students toward declaration of 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 on-going 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 Plety
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)
HPH 106; 407-823-5109
Email: utc@ucf.edu
http://utc.sdes.ucf.edu

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 Proctor Exam (GPE); UCF Math Placement Test; RN 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. 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 benefiting 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: Patricia 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
Ferrell 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, Pitza Spot, Wackadoo’s Grub and Brew, Odoiba, BK Whopper Bar, Asian Chao, Huey Magoo’s, Corner Café and Topper’s Creamery. Retail stores include Kingston Convenience Store and College Optical. Other services located in the Union include the SGA Ticket Office, SGA Computer and Express Print Labs, Kaplan Test Services, ATMs from SunTrust, Bank of America, Chase Bank, and the UCF Federal Credit Union as well as a self-service Kiosk. The Student Union also operates the Knights Helping Knights Food Pantry, All Knight Study Lounge located at the UCF Arena. All Knight Study is generally open 24 hours, 7 days a week, and the Union is open 24 hours, 5 days a week, to provide additional study options. For information, call the Information Desk at 407-823-0001. The Student Union is funded by the Student Government Association.

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 undeclared 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 undeclared 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.
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: Paul Viau
Veterans Academic Resource Center, CFE Arena; 407-823-2707
Email: varc@ucf.edu
http://varc.sdes.ucf.edu/

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 deferral of tuition and fees. The VA Deferral 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, or 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.
During the application process at the University of Central Florida (UCF), it's crucial to ensure that your academic history and documents meet the institution's requirements. Here are some key points to consider:

**Admission Requirement:** To be admitted to UCF, 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 satisfying 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 coursework 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>
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<tbody>
<tr>
<td>Y___ N___ met with a DirectConnect advisor</td>
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<tr>
<td>Y___ N___ met with counselor or advisor for graduation check</td>
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<tr>
<td>Y___ N___ completed application for graduation</td>
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<tr>
<td>Application for Admission</td>
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<tr>
<td><em><strong>/</strong></em> date submitted</td>
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<tr>
<td>Y___ N___ checked admission status at <a href="https://my.UCF.edu">https://my.UCF.edu</a></td>
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<tr>
<td><em><strong>/</strong></em> date of acceptance</td>
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<tr>
<td>Transcripts</td>
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<td>(original transcript from all institutions attended)</td>
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<tr>
<td>Y___ N___ transcripts sent from all current and prior institutions</td>
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<tr>
<td>Y___ N___ date final transcript sent after term completed</td>
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<tr>
<td>Financial Aid/Scholarship</td>
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<tr>
<td>/__/ date financial aid application (FAFSA) sent</td>
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<tr>
<td>/__/ date SCHOLARSHIP application sent</td>
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<td>Y___ N___ “to do” list checked on myUCF</td>
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<tr>
<td>Housing</td>
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<tr>
<td>Y___ N___ reviewed OCSS handbook: &lt;br&gt;Survival Guide for Living off Campus</td>
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<tr>
<td><em><strong>/</strong></em> date application sent (include deposit when required)</td>
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<tr>
<td>Immunization</td>
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<tr>
<td><em><strong>/</strong></em> date Student Health Form submitted</td>
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<tr>
<td>Y___ N___ need immunizations</td>
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<tr>
<td>Foreign Language Requirements (Admission)</td>
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<tr>
<td>Y___ N___ 2 years/units earned in high school</td>
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<tr>
<td>Y___ N___ 8-10 credits earned at the college level</td>
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<tr>
<td>Y___ N___ credits to be taken at the university</td>
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<tr>
<td>Note: Although American Sign Language may be used to satisfy the UCF admission requirement, it may not satisfy graduation requirements of the specific major.</td>
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<tr>
<td>Program (Major) Requirements</td>
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<tr>
<td>Y___ N___ selected a major</td>
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<tr>
<td>Y___ N___ completed major prerequisites</td>
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<tr>
<td>Y___ N___ submitted limited access application</td>
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<tr>
<td>Y___ N___ met grade point average (GPA) requiremets</td>
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<tr>
<td>Y___ N___ met cumulative GPA for admission to program of study</td>
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<tr>
<td>Y___ N___ met cumulative GPA in courses taken for program of study</td>
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<tr>
<td>Y___ N___ met grade requirements for designated courses</td>
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<tr>
<td>Y___ N___ met audition/portfolio/additional admission requirements</td>
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<tr>
<td>Orientation:</td>
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<tr>
<td><em><strong>/</strong></em> Orientation date at UCF</td>
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</tbody>
</table>

**Transfer and Transition Services**
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.
ACADEMIC ADVISING

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; and,
   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 freshman students entering UCF with 30 or more college credits earned through accelerated mechanisms from AP, IB, CLEP, and/or dual enrollment courses (HPH 215)
   d. Sophomore and First Year Center (SFFC) - for 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.
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 as directed by activities in the college’s Career Professionalism curriculum;
6. 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;
7. 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’ if 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 (ENG1 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 (HP2A, 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 course 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 admission 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 2283 (prefer MAC 2311, 2312)
- **Physics**: PHY 2053C, 2054C
- **Statistics**: STA 2023
- **Immunology**: PCB 3233 and PCB 3233L
- **Neurobiology**: ZOO 3744
- **Psychology/Sociology**: See recommended list in advising offices

*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, ADDSAS, 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 available 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 prior to 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 Ocoee, 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 for the Fall semester and Summer/Fall Registration begins following the midpoint 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

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<th>Credit Hours</th>
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<tbody>
<tr>
<td>Full Time</td>
<td>12 or more</td>
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<tr>
<td>Three Quarter Time</td>
<td>9-11</td>
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<td>Half Time</td>
<td>6-8</td>
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<td>Less Than Half Time</td>
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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 enrolling in less courses. 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 “Withdrawal Policy” of the Undergraduate Catalog. Please consult the Academic Calendar for Drop/ Add and Withdrawal deadlines.

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(ies) 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 is given). Forms to be completed 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 parking fees.

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 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 Account Services website at http://www.studentaccount.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 trial cycles, or for special programs managed 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
- Teacher Certification or re-certification
- Solders-to-Scholars
- Regional Campuses
- Teacher Certification or re-certification
- Regional Campuses
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 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; a minimum of 15 undergraduate credit hours or 6 graduate credit hours may be earned as a limited non-degree seeking student.
5. 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.
6. Non-degree students are not eligible to receive financial aid or to participate in intercollegiate sports; and
7. 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 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. STEP 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, internship, independent study, internship, credit-by-exam, 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 every term and should be completed online or delivered/mailed to the Registrar’s Office (MH 161), by the official date noted in the “Academic Calendar” online at http://calendar.ucf.edu. Students must submit to 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 approval for specific courses from the Dean or Department Chair of his/her respective college or school. Prior 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 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. Students 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 third party agencies may request enrollment and degree verifications online at http://www.degreeverify.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 sending a written request to the Registrar’s Office, P.O. Box 160114, Orlando, FL 32816-0114. This letter must be time-stamped or postmarked before the published withdrawal deadline 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. Withdrawal from classes may have financial aid, NCAA eligibility or international visa consequences. Students should seek appropriate advice prior to withdrawing from a class. Students who withdraw from courses for the 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 suspending enrollment and must petition for a late withdrawal, 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 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 2 weeks of when 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 withdrawal...
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Academic Regulations and Procedures

drawal does not refund tuition, and the student is still fee liable for the late withdrawn 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 or 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>Letter</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 2223, MAC 2241, MAC 2253, MAC 2261, MAC 2281H, MAC 2311C, MAC 2311H, and STA 2041C. In these classes NC replaces the use of D+, D and D-.

Legend

<table>
<thead>
<tr>
<th>Action</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>N</td>
<td>-</td>
</tr>
<tr>
<td>R</td>
<td>-</td>
</tr>
<tr>
<td>S</td>
<td>-</td>
</tr>
<tr>
<td>T</td>
<td>-</td>
</tr>
<tr>
<td>U</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>-</td>
</tr>
<tr>
<td>WF</td>
<td>0.00</td>
</tr>
<tr>
<td>WH</td>
<td>-</td>
</tr>
<tr>
<td>WM</td>
<td>-</td>
</tr>
<tr>
<td>WP</td>
<td>-</td>
</tr>
<tr>
<td>X</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 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 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     |
|           |    | = 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 withdrawal, and 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 special attendance requirements 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 one day after 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.

A person applying for admission to UCF who has declared a violation of conduct policies at a previous college or university or has been charged with a violation of the law (including traffic violations that resulted in a fine of $200 or more) may have circumstances of the case reviewed by the Office of Student Conduct (FC 154) to consider eligibility for admission.

Religious Observances
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, prior to completion of baccalaureate requirements

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

Records for the term of graduation are incomplete at the time the Commencement Program is printed. Identification of these students at graduation therefore is presumptive of honors and not conclusive, since final term grades may result in changes in relative rankings.

Consult the Academic Honors list at http://www.iroffice.ucf.edu/character/honorscutpoints.html for the most up-to-date UCF Honors minimum GPA requirements.

Diplomas are mailed six to ten weeks after Commencement to the address indicated in the online “Intent to Graduate.”

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 https://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 repeated 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. In this case, the student must submit the paper version of the Grade Forgiveness Form which can be obtained at the Registrar’s Office (MH 161).

Repeated 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.”
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.

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 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.

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

Exclusion (Second Suspension or more)

A student readmitted following Disqualification who fails to achieve a minimum 2.0 Term GPA is excluded from the University. Exclusion is most serious and students are not eligible for readmission after Exclusion. An individual who has been Excluded will not be considered for readmission, and may not appeal any failure to be readmitted following Exclusion.

Earning Credit While Disqualified

A student disqualified while a freshman or sophomore who subsequently receive an A.A. degree with a minimum “C” average (2.0 GPA) on all college work attempted from a Florida College System institution has the right to appeal for readmission, in accordance with standard University policies. However, readmission is not guaranteed, and the student seeking readmission will be required to follow all academic regulations and procedures associated with readmission after suspension.

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.

Exclusion (Second Suspension or more)

A student readmitted following Disqualification who fails to achieve a minimum 2.0 Term GPA is excluded from the University. Exclusion is most serious and students are not eligible for readmission after Exclusion. An individual who has been Excluded will not be considered for readmission, and may not appeal any failure to be readmitted following Exclusion.

Earning Credit While Disqualified

A student disqualified while a freshman or sophomore who subsequently receive an A.A. degree with a minimum “C” average (2.0 GPA) on all college work attempted from a Florida College System institution has the right to appeal for readmission, in accordance with standard University policies. However, readmission is not guaranteed, and the student seeking readmission will be required to follow all academic regulations and procedures associated with readmission after suspension.

Readmission

A student must apply for readmission to the Registrar’s Office (MH 161) if:

1. the student has not enrolled at UCF for two consecutive semesters (not including the Summer term);
2. the student has been academically suspended from UCF;
3. the student failed to enroll or withdrew from all classes during the readmitted term; or,
4. the student has previously attended, or is currently enrolled at UCF, as “degree-seeking” and desires to pursue a second bachelor’s degree.

The application deadline for readmission is as follows: for Summer, April 1; for Fall, July 1; and for Spring, November 1.
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/colleges 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.

Academic Regulations and Procedures

Right of Appeal
A student who has been denied readmission has thirty (30) days from the date of the denial to appeal to the Admission and Standards Committee. The appealing student must satisfy the following requirements before the Registrar’s Office will forward the appeal to the Committee:

1. Complete the “Application for Readmission as an Exception to University Policy Form,” available at the Registrar’s Office (MH 161);
2. Prepare a written statement specifying the extenuating circumstances that led to their poor academic performance or academic dismissal.
   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. An “Application for Readmission as an Exception to University Policy” form not accompanied by the required written statement will not be forwarded to the Admissions and Standards Committee;
3. Provide documents which support and/or verify the extenuating circumstances (if applicable);
4. Supply official transcripts from all other schools attended during the suspension (if applicable);
5. Order one official copy of the UCF official transcript ($10 per copy). The Registrar’s Office will forward this transcript to the Admissions and Standards Committee;
6. Submit one stapled packet of appellant materials to the Registrar’s Office (MH 161) by 12:00 p.m. (noon) Monday prior to the scheduled Admissions and Standards Committee meeting. The packet must contain the following documents, arranged in the following order:
   a. A completed “Application for Readmission as an Exception to University Policy Form”;
   b. Written statement indicating the extenuating reasons for the previous academic difficulties and a plan for ensuring success in future terms;
   c. Any supporting documentation as directed by the college, school or other University personnel;
   d. Any additional supporting documentation (optional); and, After a thorough evaluation of both the appeal and all required supporting documentation, the Admissions and Standards Committee will render a decision. The decision of the committee will be based upon university readmission policy and information presented in the appeal. Decisions are final and there is no appeal beyond the committee. If a student feels there is new or missing evidence that was not available at the time of the original appeal, that may be submit to the Chair of the Admissions and Standards Committee for further consideration. Simply disagreeing with the committee’s decision is not grounds for reconsideration.
   Disqualified (with a Grade Point Deficiency of 30 or more Grade Points) and Excluded students are not eligible for readmission to the University and have no right to appeal for an exception to University policy to the Admissions and Standards Committee.

Academic Amnesty Program
Effective Fall 2004, the Academic Amnesty Program provides undergraduate students who are not eligible for readmission for academic reasons the opportunity to readmit to UCF after five or more years of separation. This program allows the student to nullify up to two consecutive terms worth of UCF coursework from his or her UCF grade point average. Students may not select specific courses within the two identified terms. If the student satisfactorily completes the Academic Amnesty Program, the University will remove from the student’s UCF GPA all UCF coursework for which the student enrolled during the selected consecutive terms. While grades nullified by satisfactory completion of the Academic Amnesty Program are not used in calculating the student’s UCF GPA, all course work will remain part of the student’s permanent record.
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 it to the Admissions and Standards Committee. The academic plan of action approved by the college advising office 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 individual student-athletes. 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 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.

Extemating Circumstances

These 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 automatically will update the
Academic Regulations and Procedures

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 within 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 the same 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 date 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 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/hea/.
**Graduate Credit by Examination**

The University of Central Florida provides a number of options by which students may shorten the time required to complete the baccalaureate degree. These options permit the University to recognize high levels of academic achievement and acquisition of knowledge prior to or during attendance at the University. Procedures that may be used include the Advanced Placement Program (AP), the College Level Examination Program (CLEP), University Course Credit by Examination, DANTES, and the International Baccalaureate. A maximum of 45 credit hours in any combination of extension, AP, IB, correspondence, CLEP, Armed Forces Service School Credits, and University Credit by Examination will be accepted by the University for application toward an undergraduate degree. In addition, there are accelerated Undergraduate - Graduate Programs linking the bachelor’s and Master’s degree listed in the Undergraduate Catalog. Test credit is applied according to the published policy at the time the credit is received and posted by the University.

**Advanced Placement Program (AP) (see table below)**

Students who have participated in the Advanced Placement Program in high school and have received a score of 3, 4, or 5 on the national examinations will receive college credit in the appropriate subject areas. Students should consult their high school guidance counselor or write to the Educational Testing Service, Princeton, NJ 08540, for additional information. The table labeled “Advanced Placement Exams” provides information related to Advanced Placement examination areas and sub-test areas for which credit may be awarded.

**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.

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<th>Exam</th>
<th>Score of 3</th>
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<th>Score of 4</th>
<th>Score of 5</th>
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*The AB subscore on the Calculus BC exam is regarded the same as a Calculus AB score.

All the student has previous credit for ENC 1101 and ENC 1102, credit will be awarded for LIT 1005.
International Baccalaureate (all modern languages)
International Baccalaureate offers examinations in many languages and literatures at different levels: B, A2, and A1. Most students in Florida take English as their A1 level language (literature for native or near-native speakers) and one or more foreign Language B exams. Within each category, there are "standard" and "higher" level examinations. Institutions may wish to award additional credit for higher-level exams.

Language B (most common)
Students earn a minimum of one semester (3 credits) of language credit at the Elementary Language II or equivalent level (usually 1121C) level for a score of 4. Students who score 5-7 earn a mini-

### INTERNATIONAL BACCALAUREATE

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<th>Exam</th>
<th>Score of 4</th>
<th>GEP Usage</th>
<th>Score of 5-7</th>
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*This use for General Education applies only to I.B. credit.

### COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

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<th>Exam</th>
<th>Score of 50 for passing</th>
<th>GEP Usage</th>
<th>Comments</th>
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<td>Score of 59 or higher earns</td>
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<td>GER 1120C and 1121C</td>
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<td>American Literature, AML 1000</td>
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<td>CUL &amp; HIS Found 2</td>
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<td>Information Systems and Computer Applications, COS 1077</td>
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<td>Microeconomics, Principles of, ECO 2023</td>
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<td>Sociology, Introductory, SYG 2000</td>
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<td>Spanish Language, SPN 1120C</td>
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<td>Trigonometry, MAC 1114</td>
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<td>Western Civilization II: 1648 to Present, EUH 2001</td>
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Academic Regulations and Procedures

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.

Awarding of CLEP credit is 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 in the examination area.

CAMBRIDGE AICE EXAMS

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<th>Exams</th>
<th>Passing score of “A”, “B”, “C”, “D” or “E”</th>
<th>GEP Usage</th>
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<td>General Paper</td>
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*If the student has previous credit for ENC 1101, credit will be awarded for ENC 1102.
#If the student has previous credit for ENC 1101, credit will be awarded for ENC 1102 and ENC 2100.
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 exami-
nation 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 (gen-
erally 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) undergradu-
ate students at the University of Central Florida may obtain credit for
regularly numbered courses through departmental examinations. A stu-
der who believes he or she has acquired the knowledge and/or skills
of a specific University course should consult his or her advisor and
the chair of the department in which the course is offered to arrange
for an examination. Degree credit will be awarded for those courses
successfully completed by departmental examination. Credit by
examination may not be used to reduce the 30 credit hours residency
requirement. 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.

Cambridge AICE Exams (see table on previous page)
The Advanced International Certificate of Education (AICE) program
is an international, advanced secondary curriculum and assessment
program equivalent to the British system of “A-Levels.” Information
about the program, including course syllabi, can be found online at

DANTES Examination Credit (see table below)
The University will award credit to students presenting qualify-
sing scores in DANTES examinations. The table labeled “DANTES
Subject Standardized Tests (DSST)” provides information relat-
ed to the Dantes Examination credit. For additional information:

Excelsior College Examinations (see table below)
The table labeled “Excelsior College Examinations” provides informa-
tion 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.

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<th>Exam Title</th>
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<td>DANTES EXAMINATION</td>
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<td>Ethics in America</td>
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<td>Intro to Computing</td>
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<td>The Civil War and Reconstruction</td>
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<td>PHI 1630</td>
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<td>GEY 1000</td>
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<td>Psychology of Adulthood and Aging</td>
<td>DEP 1401</td>
<td>COM Found 1</td>
<td>45</td>
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</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 alternate courses 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 develop 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.
## Undergraduate Degree Requirements

### General Education Program (GEP) Courses (36 credit hours required)

(See 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

1. ENC 1101  Composition I  1,2  3(3,0)
2. ENC 1102  Composition II PR: ENC 1101  1,2  3(3,0)
3. SPC 1608  Fundamentals of Oral Communication  3(3,0)
4. SPC 1603  Fundamentals of Technical Presentations  3(3,0)
5. COM 1000  Introduction to Communication  3(3,0)

#### B. Cultural and Historical Foundation

1. EUH 2000  Western Civilization I  3(3,0)
2. EUH 2001  Western Civilization II  3(3,0)
3. HUM 2210  Humanistic Tradition I  3(3,0)
4. HUM 2230  Humanistic Tradition II  3(3,0)
5. AMH 2010  U.S. History: 1492-1977  3(3,0)
6. AMH 2020  U.S. History: 1977-present  3(3,0)
7. WOH 2012  World Civilization I  3(3,0)
8. WOH 2022  World Civilization II  3(3,0)

#### C. Mathematical Foundation

1. MAC 1105C  College Algebra  3(3,0)
2. MGF 1106  Finite Mathematics  3(3,0)
3. CGS 1060C  Introduction to Computer Science  3(3,0)
4. STA 1063C  Basic Statistics using Microsoft Excel  3(3,0)
5. STA 2041C  Principles of Statistics  3(3,0)

#### D. Social Foundation

1. ECO 2013  Principles of Macroeconomics  3(3,0)
2. ECO 2023  Principles of Microeconomics  3(3,0)
3. POS 2041  American National Government  3(3,0)
4. PSY 2012  General Psychology  3(3,0)
5. SYG 2000  Introduction to Sociology  3(3,0)
6. ANT 2000  General Anthropology  3(3,0)

#### E. Science Foundation

1. AST 2002  Astronomy PR: High School Algebra or MAC 1105C  3(3,0)
2. PSC 1121*  Physical Science PR: High School Algebra or MAC 1105C  3(3,0)
3. PHY 2053C  College Physics I: MAC 1105C and MAC 1114C  4(3,3)
4. CHM 1020  Concepts in Chemistry PR: High School Algebra  3(3,0)
5. BSC 1005*  Biological Principles  3(3,0)
6. GLY 1030  Geology and its Applications  3(3,0)
7. GEO 1200*  Physical Geography  3(3,0)
8. ANT 2511  The Human Species  3(3,0)
9. MCB 1310  Intro to Biotechnology and Genetic Engineering  3(3,0)

*A one credit laboratory is also available for this course.

1A grade of "C-" (1.75) or better is required in this course.

2A 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 an associate degree institution. 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 updated list.

### Undergraduate Degree Courses:

- ENC 1102 Composition II
- ENC 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
- LIT 2120 World Literature II

### Other Courses:

- AMH 3422 Frontier Florida
- AMH 3425 Sunbelt Florida
- AMH 3562 Women in American History II

### Appeals of transfer credit decisions

Undergraduate students may appeal the University's decision to deny credit for courses taken at Florida colleges and universities, the University of Central Florida, or for credit earned through examination. Students who believe that their academic background in an area of study is deficient may also request the University to grant credit in that area. Appeals of transfer credit decisions are processed within those administrative offices.

### 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.
Undergraduate Degree Requirements

Requirements within each listing. See "Special College and/or Departmental requirements. Several departments, colleges, and schools have additional requirements. For example, four years of one high school foreign language place the student in the first semester of the third year.

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. For example, Social College and/or Departmental 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 register in advance with that office to take the examination (HPH 106).

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 by 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 course 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 2010 U.S. History: 1492-1877
Amh 2020 U.S. History: 1877-Present
Euh 2000 Western Civilization I
Euh 2001 Western Civilization II
Hum 2210 Humanistic Tradition I
Woh 2012 World Civilization I
Woh 2022 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 4180 And Crime
Amh 4130 Colonial America, 1607-1763
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
Aml 3031 American Literature I
Aml 3041 American Literature II
Aml 3283 Contemporary American Women's Fiction
Aml 3286 Early American Women's Words
Undergraduate Degree Requirements

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/.

Summer Attendance Requirement

Undergraduate Catalog 2014-2015
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 education 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.doe.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 as stipulated in the UCF Undergraduate Catalog. 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 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 Minors by College

<table>
<thead>
<tr>
<th>College Awarding Minor</th>
<th>Name of Minor</th>
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<tbody>
<tr>
<td>Rosen College of Hospitality Management</td>
<td>Event Management, Hospitality Management</td>
</tr>
<tr>
<td>Office of Undergraduate Studies</td>
<td>Environmental Studies, Leadership Studies, World Comparative Studies</td>
</tr>
</tbody>
</table>

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-division3 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 Seminar3
  2. Complete one Honors upper-division course (3000-4000 level) or Interdisciplinary Seminar3
  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 Seminar3
  2. Complete two Honors upper-division Business courses
  3. Complete one Honors upper-division course, Interdisciplinary Seminar, or 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 XXXH 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 3232H 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.

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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 Honors 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. Honors 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://ooha.honors.ucf.edu

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**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.

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**Notes**

Students who are pursuing University Honors in two degrees must obtain a waiver from the Office of Honors Advising (BHC 109) prior to their participation in the list.

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**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 is sought from the Director of Research and Civic Engagement of TBHC.

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**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 within the 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 course work; and at least three hours of Honors Thesis or Directed Readings taken in the college and/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 can take NUR 3165Shin 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 earning 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, the College of Engineering 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 BRS or the grants program, please contact TBHC at 407-823-6402 or honorsresearch@ucf.edu.

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**Barnett Research Scholars**

The Barnett 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 Barnett 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 the Office of Research and Civic Engagement in BHC 107 or by phone at 407-823-6402.

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**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 representative for all awards requiring university endorsement or nomination, including the Rhodes, Marshall, Fulbright, Goldwater, and Truman scholarships. While OPA is housed within The Burnett Honors College, it serves the entire UCF community.

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 the OPA for assistance with their applications, even if the award does not require institutional endorsement. Students seeking more information can visit http://www.opa.ucf.edu or contact OPA by phone at 407-823-4019, by email at OPA@ucf.edu, or by visiting BHC 102A.

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College of Arts and Humanities
Dean: José Fernández
CAH 190; 407-823-2251
http://www.cah.ucf.edu/
Associate Dean: Lynn Hepner
CAH 190; 407-823-2251
Assistant Dean: Rudy McDaniel
CAH 190; 407-823-2251
Assistant Dean: Nancy Stanlick
CAH 190; 407-823-2251

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 Pellit; 407-823-5039
Latin American Studies - Contact: Consuelo Stebbins; 407-823-1173
Middle Eastern Studies - Contact: Hakan Ozoglu; 407-823-2225
Russian Studies - Contact: Vladimir Solonari; 407-823-6617, or Alla 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
American Studies
Architecture
Art
Asian Studies
Cinema Studies (Film)
Community Arts - PAVE
Dance
Digital Humanities
Digital Media
Diplomacy
English
Event Management (offered through Rosen)
Film
Florida Studies
French
History
Humanities and Cultural Studies
Italian
Jazz Studies
Judaic Studies
Latin American Studies
Middle Eastern Studies
Music
Music Education
BME
Performing Arts Administration
Philosophy
Religion and Cultural Studies
Russian Studies
Spanish
Teaching English as a Foreign Language (TEFL)
Teaching ESL
Theatre
Translation and Interpretation
Women's Studies
Writing and Rhetoric

Degree
Minor
Minor
BD
BA, BFA, Minor, MFA
Minor
BA, Minor
Minor
Minor
Minor
BA, MA, Certificate, Minor
Minor
BA, MA, Minor, MFA
Minor
Minor
Minor
BA, Minor, Certificate
BA, Minor, Certificate
Minor
Minor
Minor
Minor
Minor
Minor
Minor
Minor
Minor

Requirements:
None
None

Minors:
Africana Studies

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 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, Latin American Studies, Political Science, Psychology, Sociology, Anthropology, Film, Theatre, and the Sciences. The program's interdisciplinary 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, Applen, Barkevicius, 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, Stal, Telep, Thaxton, Trouard, Utch, Young; Professors Emeriti: Adicks, Barnes, Oms, Schilfhorst

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, 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 Studies, Digital 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 cultural, literary, linguistic, religious, philosophical, legal, 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
College of Arts and Humanities

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: flfaculty@ucf.edu
http://mll.cah.ucf.edu/


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, Hepner, Holic, Ives, Launder, Marinara, Martin, Mohrenne, Owens, Pigg, Richardson, Ringfield, Rios, Roozen, Rounsaville, Schell, Schultz, Scott, Slack, Taylor, Tripp, Vie, Walls, Wardle, Weaver, Wolcott, Wright, Zemianski

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, jazz studies, 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, Larconoix, 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: svavadvising@ucf.edu  
http://svad.cah.ucf.edu/

**Faculty:** Abbas, Abraham, Adams, Ahearn, Burrell, Cabrera, Clercx, Colon-Mendoza, Cooper, Croft, Dombrowski, Gaudnek, Gerstein, Hadrika, Hall, Haran, Harris, Hughes, Ingle, Jones, Kim, J., Kim, S.J., Kovach, Lotz, Major, Martin, McDaniel, Mills, Novatnak, Peters, Peterson, Poindexter, Price, Raimundi-Ortiz, Reedy, Rivers, Robinson, Rohdie, Sandler, Santana, Schlow, Shbeeb, G. Smith, P. Smith, Spencer, Stoockl, Sung, Theen, Underberg, Wyatt, Zaho;  
Professor Emeritus: Frederick

The School of Visual Arts and Design (SVAD) is a combination of the Art, Architecture, Digital Media, and Film programs. Topics covered by SVAD degrees include traditional studio arts, design, and art history; emerging media concepts that are the foundation of animation, game and interactive design; and film programs that develop a student’s creative voice, appreciation and understanding of the medium. Art degrees offer studies in traditional forms of painting, drawing, photography, and ceramics and supply core skills necessary to pursue professional careers in both emerging media and the fine arts. Film degrees explore entrepreneurial filmmaking and the use of new production and distribution technology, as well as film theory, criticism and history. This curriculum prepares the student for work in the industry or for graduate study. Digital Media degrees explore creative expression through digital media platforms such as video games and the World Wide Web, interactive design and programming, narrative techniques for digital storytelling, and new media business models. Students acquire a highly marketable body of knowledge leading to solid careers in industry or in creative research.

**Degrees:** Theatre (BA, BFA, MA, MFA)  
**Tracks:** Acting, Design and Technology, Stage Management, Musical Theatre, Theatre for Young Audiences, Theatre Studies  
**Minors:** Dance, Theatre

The Art BFA – Emerging Media Track – Character Animation Specialization requires a portfolio for acceptance and is usually submitted in February each year for admission in the following fall term.  

The Art BFA – Emerging Media Track – Graphic Design Specialization requires a portfolio for acceptance and is usually submitted in February each year for admission in the following fall term.

The Film BFA is a limited access program that requires an application and creative portfolio and is usually submitted in December each year for admission in the following fall term.  

While the Art BA – Studio Track, Art BFA – Studio Track, and Art BFA – Emerging Media Track – Experimental Animation specialization programs are not limited access, many of the required upper-level courses require the completion of a student portfolio that is usually submitted near the beginning of a student’s Junior year.

The Architecture BD program is offered at UCF at the Valencia West Campus. The Photography BS program is offered at UCF at the Daytona Beach Campus. Photography is also available as an area of concentration at the main UCF Orlando campus as part of the Art BA – Studio Track and Art BFA – Studio Track degree programs.

Complete information about faculty, curriculum, and admission requirements is available on the School of Visual Arts and Design website (see above). Students should pay close attention to program admission requirements and periodically check with School advisors and the SVAD website.

**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  
**VNB 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.oears.ucf.edu/alc/alc_students_cahum.htm
College of Business Administration

Dean: Paul Jarley
BA1 230; 407-823-2181
http://wclaseb.bus.ucf.edu

Associate Dean: Foard Jones
BA1 230; 407-823-2181

Associate Dean: E. Taylor Ellis
BA2 101-W; 407-823-2187

Interim Associate Dean: TBA
BA2 307

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.
BE 2020
UCF Business... the Best Undergraduate Business Education in Florida.
In 1993 the UCF Business faculty established a goal to deliver the best undergraduate business education in Florida. The product of the alumni, faculty, business leaders, and students, the Business Education 2000 (BE2000) curriculum focused on four competencies that are integrated throughout all coursework: Teamwork, Communication, Creativity, and Adapting to Change. These four competencies were expanded in 2002 to include Ethics and Diversity. Today the BE 2020 degree program is a continuing refinement of the curriculum based on the ever-changing needs of business. Faculty, working with representatives from the business community, help you develop these competencies as you work through the following required courses in the Business Core:

GEB 3031 Cornerstone
GEB 3356 Introduction to International Business
BUL 3130 Legal and Ethical Environments of Business
ECO 3411 Quantitative Business Tools II
FIN 3403 Business Finance
MAN 3025 Management of Organizations
MAR 3203 Supply Chain and Operations Management
MAR 3023 Marketing
MAN 4720 Strategic Management

Grade Point Average Requirements
For graduation the student must have maintained a minimum 2.0 GPA in course work taken in the College of Business Administration and a minimum 2.0 GPA in the course work required in the major, and a UCF minimum GPA of 2.0. In addition, all majors within the College of Business Administration also require a grade of “C” (2.0) or better in each course and prerequisite within the major.
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 and positive plans for achieving a College of Business GPA of 2.0 or higher. Readmission is not automatic.

Student Load
A student who is enrolled in 15 – 16 credit hours of course work is considered to be carrying a normal academic load. Students in the College of Business Administration desiring to take more than 17 credit hours in the Fall and Spring terms, and 14 credit hours in the Summer term must obtain permission from the College.

Community/Junior College Transfer Notes
1. Admission requirements can and do vary among the business and accounting programs at the ten universities comprising the State University System. To ensure that they have met all prerequisite course eligibility requirements, transfer students from Florida’s community and junior colleges should complete the following common program prerequisites as part of their Associate of Arts degree: ACG 2021 (or ACG 2001 and ACG 2011), ACG 2071, ECO 2013, ECO 2023, MAC 2233, STA 2023, (or QMB 2100) and CGS 2100. At UCF, students who have completed MAC 2233 and STA 2023 will be waived from ECO 3401 Business Quantitative Tools. Students who have completed either MAC 2233 or STA 2023, but not both, must take ECO 3401. Completion of these courses will satisfy all prerequisite course requirements for all business and accounting degree programs and will ensure that a student will receive further consideration for admission.
2. Subject to the general grade and residence requirements, credit will be granted for transferred coursework equivalent to that required in UCF’s Business program. Only grades of “C” (2.0) or higher transfer into the program.
3. Florida College System institution students are advised to complete the Associate of Arts Degree including:
   a. The general education requirements, including Gordon Rule requirements;
   b. All of the common program prerequisite courses.
4. Courses taken at Florida College System institutions do not substitute for upper division courses.
5. 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.
6. 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.
7. 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.

Advisement
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 at BAII 101 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       BSBA
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; 407-823-5675

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.

Degrees: Accounting (BSBA, MSA, MST, Ph.D.)
Minors: Accounting
College of Business Administration

Department of Economics

Chair: M. Dickie
BA2 305-D; 407-823-3266;
Email: economics@ucf.edu

Faculty: Aysun, Braun, Buhagiar, Butterfield, Caputo, Dickie, Euzent, Gerking, Gibbs, Guldi, Hofler, Martin, Milton, Moore, Pennington, Potter, Scroggin, Soskin, Underwood

Facility Advisors:
Michael Caputo
BA2 302Q; 407-823-1405
Email: mcaputo@ucf.edu;

D. Scroggin
BA2 302U, 407-823-4129

N. Underwood
BA2 302N; 407-823-1403

Economic issues dominate today’s news and public debates more than ever before. Inflation, unemployment, health care, economic growth, pollution, poverty, and international economic relations are a few of these issues. The primary strength of Economics is that it provides a logical, ordered way of looking at most problems and issues. Undergraduate education in Economics equips individuals to both better understand and seek solutions to these issues.

The Department of Economics participates in two undergraduate degree programs: a BSBA degree and a BA degree. The purpose of the BSBA Economics Program is to provide students with a professional business background that prepares them for careers in private business and government. The purpose of the economics BA Program is to provide a broad-based liberal arts background that can serve as a strong foundation for further graduate studies in law, social sciences, and other fields or as 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 them.

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
BA 409; 407-823-3575

Faculty: Ajayi, Anderson, Borde, Byrd, Chen, Choi, Curcio, Frye, Gatto, Gilkeson, Gregg, Park, Ramanial, Schnitzlein, Smith, Strum, Sweo, 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 insurance, 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, Blencke, Boettcher, Ciuchta, Cleavenger, Connell, Crossley, Dagher, Danneels, Ford, Harris, Holland, Jarley, Jones, Kukut, Leo, Migenes, Nichols, O’Donnell, O’Neill, Porter, Quinn, Rains, Rockmore, Saunders, Schminke, Taylor, Vippiano

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 be 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
BA2 307; 407-823-2108
http://www.bus.ucf.edu/marketing/

Faculty: Allen, Bhardwaj, Cole, Desiraju, 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 minor 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.oeas.ucf.edu/alc/alc_students_cba.htm](http://www.oeas.ucf.edu/alc/alc_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.

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/clinicalexpp/

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 co-requisites (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:

- Complete the University General Education requirements
- 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 and are eligible for admission.
- Successful completion of Internship I
- Meet any special departmental or program requirements
- 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 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.

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 the Accreditation of Teacher Education (NCATE) and National 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

Faculty:

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

Faculty:

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

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 students 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 in the HIM courses. No exceptions to this policy will be made for graduation. Successful candidates will be awarded an Honors in Engineering.

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](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](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: 407-623-2841  
[http://www.cece.ucf.edu](http://www.cece.ucf.edu)

**Faculty:** Abdel-Aty, Al-Deek, Behzadan, Catbas, Chang, Chopra, Cooper, Duranceau, Filler, Hagen, Lee, Mackie, Nam, Nnadi, Olufua, 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 (BSEnvE), 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.

**Program Educational Objectives**

Within the first several years following graduation, graduates should:

- Be successfully employed or employable in civil engineering practice in areas such as structural, geotechnical, transportation, construction, water resources, or related fields and/or be continuing their studies at the graduate level.
- 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 Learning 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 structural analysis, soil mechanics, and foundations.
3. Graduates will demonstrate the knowledge and ability required to solve discipline-specific engineering problems in the areas of structural analysis, soil mechanics, and foundations.
4. Graduates will demonstrate the knowledge and ability required to solve discipline-specific engineering problems in the areas of transportation and water resources.
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 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:

- 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.
- 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 environment 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:

- 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.
- 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 statistics.
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 structural analysis, soil mechanics, and foundations.
4. Graduates will demonstrate the knowledge and ability required to solve discipline-specific engineering problems in the areas of transportation and construction management.
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 mission statement and objectives for the Civil Engineering, Environmental Engineering, and Construction Engineering programs are electronically posted and routinely updated. More information on the Civil, Environmental, and Construction Engineering programs can be found on the CECE Department home page at [http://www.cece.ucf.edu](http://www.cece.ucf.edu).

Department Policy for Double Degree in Civil, Environmental, and Construction Engineering
The faculty of the Civil, Environmental, and Construction 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 Civil, Environmental, or Construction Engineering desiring to obtain a double degree shall meet the following requirements:

- The student shall meet all individual requirements for each degree.
- The course work must include two different design courses, one from each program, plus the capstone design course.
- Completion of requirements for both degrees must be in the same semester.
- 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.

Civil Engineering Major Pursuing Environmental Engineering Additional Degree
Students will need to complete a minimum of 150 credit hours which will include the 23 additional hours to earn a Bachelor of Science Environmental Engineering degree in addition to the Bachelor of Science Civil Engineering degree. The additional courses are: A Biological Science (3hrs), CHM 2046C (3hrs), CHM 2046L (1hr), ENV 4120 (3hrs), ENV 4341 (3hrs), EES 4202C (4hrs), EES 4111C (3hrs), and an Environmental Design course (3hrs). Students will have completed an Earth Science as part of the GEP requirements and CHM 2045C, CWR 4633C, and ENV 4561 as part of Civil Engineering requirements.

Civil Engineering Major Pursuing Construction Engineering Additional Degree
Students will need to complete a minimum of 150 credit hours which will include the 19 additional hours to earn a Bachelor of Science Construction Engineering degree in addition to the Bachelor of Science Civil Engineering degree. The additional courses are: CCE 4004 (3hrs), CCE 4034 (3hrs), CCE 4402 (3hrs), CCE 4810C (3hrs), CCE 4813 (4hrs), and ACG 2071 (3hrs).

Environmental Engineering Major Pursuing Civil Engineering Additional Degree
Students will need to complete a minimum of 150 credit hours which will include the 26 additional hours to earn a Bachelor of Science Civil Engineering degree in addition to the Bachelor of Science Environmental Engineering degree. The additional courses are: CGN 3501C (3hrs), CGN 3700C (4hrs), TTE 3810 (3hrs), CES 4100C (4hrs), CES 4605 (3hrs), CES 4702 (3hrs), CEG 4012 or TTE 4274 (3hrs), and a Civil Design course (3hrs). Students will have completed CWR 4633C and ENV 4561 as part of the Environmental Engineering requirements.
4. Function effectively on teams to accomplish a common goal.

3. Design, implement and evaluate a computer-based system, proficiently using appropriate languages and tools.

1. Apply knowledge of computing and mathematics appropriate to its solution.

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.

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 life-long 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 its solution.

2. Analyze a problem, and identify and define the computing requirements appropriate to its solution.

3. Design, implement and evaluate a computer-based system, proficiently using appropriate languages and tools.

4. Function effectively on teams to accomplish a common goal.
The objectives of the CpE Program at UCF are that:

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.
12. A knowledge of probability and statistics, mathematics through differential and integral calculus, basic sciences, computer science, and engineering sciences necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components, and

The Electrical and Computer Engineering Division
Chair: Zhihua Qu
HEC 439C; 407-823-5942
Faculty: Abdolvand, Abichar, Atia, Batarseh, Behal, Chan, DeMara, Edison, Elashhab, Fahim, Georgiopoulos, Gong, Haralambous, Jin, Jones, Lin, Liou, Loffillard, Malocha, Mikhail, Qiu, Rahnavard, Richie, Seyedi, Smaan, Suboh, Sundaram, Vosoughi, Wahid, Wang, Weeks, Wei, T. Wu, Yuan

The Electrical and Computer Engineering division offers baccalaureate degrees in both Electrical Engineering (BSEE) and Computer Engineering (BSCpE). Graduate degrees leading to the Master of Science in Electrical Engineering (M.S.E.E.), Master of Science in Computer Engineering (M.S.CpE), and Doctor of Philosophy (Ph.D.), are also offered (see online Graduate Catalog).

The curriculum provides an integrated experience including humanities and social sciences, mathematics and basic sciences, engineering core, computing, and design experience. The laboratory experiences appropriately combine theory and practice in the Electrical 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 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 4768), Computer Science I (COP 3502C) and Digital Systems (EEE 3342C). Technical electives can give additional design experiences, which include courses listed as Computer Engineering (M.S.CpE) and Doctor of Philosophy (Ph.D.), are also offered (see online Graduate Catalog).

The objectives of the EE Program at UCF are that:

1. An ability to apply knowledge of mathematics, science, and engineering solutions in a global, economic, environmental, and societal context.
2. Graduates demonstrate competence in effective communication, teamwork, and leadership skills leading to a successful career in their profession.
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.

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 (EEE 3123C) and Digital Systems (EEE 3342C). Technical electives can give additional design experience and lead to work in communications, controls, image and signal processing, microelectronics and solid state devices, microwaves and electromagnetics, optical engineering, and power/ 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 career within the areas of Electrical Engineering.
2. Graduates demonstrate competence in effective communication, teamwork, and leadership skills leading to a successful career in their profession.
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 electronically posted and 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 Electrical Engineering and Computer Science Policies and Procedures

The Department’s website (http://www.eecs.ucf.edu) is a central point from which visitors may view current policies and procedures of our programs. In particular, links from this page provide up-to-date answers to frequently asked questions (FAQ’s) concerning academic advisement, student professional societies, undergraduate research opportunities, and means to effectively communicate concerns (comments, suggestions, complaints). We ask that you visit this site and follow its guidelines before you send email and letters, or make phone calls to faculty members and administrators.

Department of Industrial Engineering and Management Systems

Chair: Waldemar Karwowoski
ENG 312; 407-823-2204; Fax: 407-823-3413

Faculty: Calabrrese, Elshennawy, Geiger, Hoekstra, Karowksi, Kotnour, Lee, McAuley-Bush, Mollaghasemi, 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 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 flow 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.
2. Students will make responsible decisions and exhibit integrity in classroom and real world projects.
3. Students will be able to collect, analyze, and interpret data in classroom and project settings as well as drawing meaningful conclusions and developing sound recommendations.
4. Students will effectively utilize industrial engineering design and problem-solving skills in classroom and real world projects.
5. Students will communicate effectively, orally and in writing, to peers and superiors in classroom and real world projects.
6. Students will be able to work with persons of varied backgrounds in classroom and real world projects.
7. Students will incorporate contemporary global, economic, and social perspectives into the practice of industrial engineering.
8. Students will be able to measure the impact of global and societal issues on industrial engineering solutions to modern practical problems.
9. Students will utilize tools and techniques of industrial engineering to effectively and efficiently design systems, products and processes that meet the needs of society.
10. Students will explore options for professional growth, including graduate study, conference attendance, and professional participation.


Department of Materials Science and Engineering

Interim Chair: Sudipta Seal
ENG 207; 407-823-2175; Fax: 407-882-1462

Faculty: An, Coffey, Fang, Seal, Sohn, Vaidyanathan

The Department of Materials Science and Engineering currently offers undergraduate courses in materials science and engineering and interdisciplinary programs with core courses leading to the Master of Science (see online Graduate Catalog), and Doctor of Philosophy (see online Graduate Catalog) degrees in Materials Science and Engineering. Materials Science and Engineering provides a broadly-based foundation in nano/microstructure, processing and manufacturing, properties and performance of materials for applications in all aspects of science and engineering.

The department strives to meet the requirements for professional careers and research in materials science and engineering with foundational coursework and emphasis on hands-on laboratories and independent research experience. MSE seeks 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 “materialize” the design process to solve modern and relevant socio-economic challenges.

Details of facilities available for teaching and research may be found by following links from the MSE home page at http://www.mse.ucf.edu/.

Mission: Department of Materials Science and Engineering

The mission of the Department is to serve the industrial and academic needs of the University, the State of Florida, the nation and the international community by providing materials scientists and/or engineers with

- Ability to use fundamental and applied knowledge and the skills of the discipline in order to perform effectively in a broad range of industrial, governmental and academic positions.
- Clear awareness of ethics, quality, environments, economy, and safety.
- Focused as life-long learners, pursuing their personal and professional development to rise to positions of prominence in the technical society of tomorrow.

The department further will serve as the focal point and catalyst for the development of high quality, coordinated and visionary research and educational programs for the materials-oriented students and faculty throughout UCF.
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 broadly-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 roles 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 corresponding 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.

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 corresponding 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 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.
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 required 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 in Mechanical Engineering degree in addition to the Bachelor of Science in 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 in Aerospace Engineering degree in addition to the Bachelor of Science in Mechanical Engineering degree. The additional courses are:
- EAS 3101: Fundamentals of Aerodynamics (3hrs) or EAS 3810C: Design of Experiments (3hrs), or 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 Hallett, Major Craig Labrecque, Technical Sergeant microwave, Sergeant Stokes, Staff Sergeant Brianna Horton, and Mrs. Ellen McDade, 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 SECACF 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 write or visit 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.
   - 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.

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 (waivable 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.

Faculty/Staff:
- Major Dennis Clark, Major Stephen Bridges, Major Jerry Hallett, Major Craig Labrecque, Technical Sergeant microwave, Sergeant Stokes, Staff Sergeant Brianna Horton, and Mrs. Ellen McDade, 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 SECACF 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 write or visit 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.
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. Leonar, 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 3101C, MSL 3102C, 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 $1,2000 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, 904-239-3689. 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 $800.00 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 special 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 waive 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
College of Health and Public Affairs

Dean: Michael L. Frumkin
HPA1 365, 407-823-0171
http://www.cooha.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
HPA1 365; 407-823-0171

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

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<td>Communication Sciences and Disorders</td>
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<td>Criminal Justice</td>
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<td>Health Informatics and Information Management</td>
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<td>Urban and Regional Planning</td>
<td>MSURP</td>
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</tbody>
</table>
Department of Communication Sciences and Disorders

Chair: Richard Zraick
HPA2 101, 407-823-4798
http://www.cohpa.ucf.edu/comdis

Clinic Director: Debra Knox
Research Pavilion Suite 155, 407-882-0468

Faculty: Barreene-Doniger, Carson, DiNapoli, Dreiling, B. Ehren, T. Ehren, Harvey, Hoffman-Ruddy, Hostetler, Kent-Walsh, Knox, Kong, Lieberman, Parsons, Ratusnik, Resnick, Rivers, Rosa-Lugo, Ryalis, Schwartz, Utt, Vannryckeghem, Whiteside, Zraick

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 audiology assistants.

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 courses 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


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
HPA2 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 the 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 others may have an A.S. degree or a nationally recognized license.

The core requirements of the program have course work in areas such as health care systems, finance, administration, research, terminology, law, ethics and economics. In addition, students are encouraged to take additional elective courses that will enhance their background in the health care industry. Participation in an internship is also required. All core courses are offered as web-based as well as face-to-face.

The Bachelor of Science in Health Services Administration 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 HIIM 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).
Department of Health Professions

**Interim Chair:** Kristen Schellhase

HPA1 118/119; 407-823-2214

**Faculty:** Angelopoulos, Gual, Hanney, Levine, Pabian, Plant, Rothschild, Rovito, Saleh, Schellhase, Smith, Tucker, Webster, Worrell

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 include 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 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.

**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, Milon, 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, Korosac, 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 continue 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 a variety of settings under the direction of a preceptor. These local affiliations are the series of clinical experiences that occur in a variety of settings under the direction of a preceptor. These local affiliations include 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:** 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://oaeas.ucf.edu/alc_students_cohpa.htm

College of Health and Public Affairs
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 medical 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

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<tr>
<td>Biomedical Sciences (Pre-professional Concentration)</td>
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<tr>
<td>Biotechnology</td>
<td>B.S., M.S., M.S./M.B.A.</td>
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<td>Medical Laboratory Sciences</td>
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<tr>
<td>Medicine</td>
<td>M.D.</td>
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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.
College of Medicine

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
Minors: 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 is a limited access program that requires a separate application to the program. Preference will be given to those who apply by March 1st, but applications will be accepted until the class is filled.

The Medical Laboratory Sciences program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS, 5600 N. River Road, Suite 720, Rosemont, IL 60018-5119) and is approved as a training program by the State of 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 in 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 (student learning outcomes) for undergraduate programs in the College of Medicine are located at: http://oeas.ucf.edu/alc/aclc_students_bcms.htm

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; 407-823-4966

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
College of Nursing

Interim Dean: Mary Lou Sole
UTWR 3RD floor; 407-823-5496
Email: ucfnurse@ucf.edu
http://www.nursing.ucf.edu

Associate Dean Undergraduate Affairs: Maureen M. Covelli
UTWR 3rd floor; 407-823-4941

Associate Dean Graduate Affairs Susan Chase
UTWR 3rd floor; 407-823-3079


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 or higher degree from a regionally accredited college or university 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 emphasis includes 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: Bachelor of Science in Nursing (BSN) (MSN) (PhD) (DNP)
Tracks: RN to BSN, Basic BSN, Accelerated BSN degree, 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

Academic Advisement

Office of Undergraduate Student Services
UTWR 3rd floor; 407-823-2744
Email: ucfnurse@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
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, Amezgua-Correa, Bass, Baudelet, Cerqua-Richardson, Chang, Christodoulides, Delfyett, Deppe, Dogariu, Fatpouir, 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.
UCF Courses and Descriptions

College Organization

The College of Optics and Photonics (COP) was formed in 2004, as a result of the great success of CREOL (the Center for Research and Education in Optics and Lasers), which was established in 1986 to provide the highest quality education in optics and lasers, conduct scholarly fundamental and applied research, and aid in the development of Florida’s high-technology-based industries. The College has offered MS and PhD degrees in Optics for many years and now offers the degree of Bachelor of Science in Photonic Science and Engineering in collaboration with the College of Engineering and Computer Science (CECS).

CREOL has become an internationally recognized institute with 30 faculty members, 63 Ph.D. level research scientists, and 120 graduate students. The faculty and research staff pursue joint research projects with industry, academia, and government laboratories, and are always seeking new opportunities to work with industry to expose students to the industrial environment and to help in technology transfer.

The faculty engage in research and education in fields utilizing radiation at wavelengths ranging from millimeter waves and THz to UV and X-rays. This includes several photonic technologies: 1) lasers, 2) optical fibers, 3) semiconductor and integrated photonic devices, 4) nonlinear and quantum optics, and 5) imaging, sensing and display. These technologies have applications in industry, communication and information technology, biology and medicine, energy and lighting, aerospace, and homeland security and defense. Design of optical systems, which has been the core of optical engineering, remains to be a principal component of the discipline, and advanced topics such as nanophotonics, attosecond optics, metamaterials, plasmonics, and biophotonics, have been embraced as areas of strength and future growth. These programs are supported by over $10 million of research grants and contracts annually from numerous federal and state agencies and industry.

Bachelor of Science in Photonics Science and Engineering Description

Optics and photonics technologies are central to modern life. For example, they are needed to make and inspect the integrated circuits in nearly every electronic device we use. They are used in high-efficiency lighting, displays, and the harvesting of solar power. Optical fibers have enabled the Internet and lasers are essential to precision manufacturing and metrology, and a plethora of medical applications including clinical diagnosis, surgery, and genome mapping. Photonics plays a huge role in the US and Florida’s economy, with over 270 photonics companies in Florida, employing over 5,000 engineers. B.S. degree in Photonic Science and Engineering will enable students to analyze and design optical and laser systems for a broad set of applications including manufacturing, healthcare, telecommunication, defense, security, and entertainment. PSE students are required to complete a senior design project in which students work is a small design team.

Mission

The mission of the Bachelor of Science in Photonic Science and Engineering is to educate students in the fundamental skills, knowledge, and practice so they can apply their knowledge, analyze, and design technologies in a productive and ethical manner that will lead them to positions within the Photonic Science and Engineering industry, or to prepare them for advanced course work or degrees within Optics and Photonics.

Program Educational Objectives

1. 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.

2. Graduates will demonstrate competence leading to success in technical careers within the areas of Photonic Science and Engineering.

3. Graduates will demonstrate competence in effective communication, teamwork, and leadership skills leading to a successful career in their profession.

4. Graduates will be able to pursue life-long learning in their areas of interest, including graduate studies, service to the profession, and participating in training opportunities.

Student Outcomes

Upon graduation, graduates will have:

1. The ability to apply knowledge of mathematics, science, and engineering.

2. The ability to design and conduct experiments, as well as to analyze and interpret data.

3. The 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. The ability to function on multidisciplinary teams.

5. The ability to identify, formulate, and solve engineering problems.

6. An understanding of professional and ethical responsibility.

7. The ability to communicate effectively.

8. The ability to use modern engineering tools necessary for engineering practice.

Advisement

The Photonic Science and Engineering Bachelor’s degree is jointly offered with CECS. General questions about the program can be directed to the Associate Director in the College of Optics and Photonics, or email at undergrad@creol.ucf.edu. Questions about general engineering requirements are available through the CECS Academic Affairs Office.

Additional Information on UCF Baccalaureate Photonics Science and Engineering Program

Additional and current information on the UCF Photonic Science and Engineering can be found on the College home page at http://www.creol.ucf.edu and information about this joint program with the College of Engineering and Computer Science can be found at http://www.cecs.ucf.edu.

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Optics and Photonics are located at:

http://oeas.ucf.edu/alc/academic_learning_compacts.htm
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. COS 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 office 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, readmission, 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
Biology                BS, MS, Minor
Biological Science     BS Concentration
Biomedical Sciences    PhD
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, Minor
Industrial/Organizational Psychology MS
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
The Department of Anthropology offers courses and programs that lead to: a Bachelor of Arts in Anthropology; a minor in Anthropology with 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 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 Flitsiyani  
PS 436; 407-823-2325  
Faculty: Alcantara Ortizgo, Al-Rawi, Bhattacharya, Bindell, Bradley, Britt, Brueckner, Campins, Chang, Chen, Chernyak, Chow, Colwell, Cooney, Del Barco, Daoudi, Dubey, Ethimiou, Fernandez, Flitsiyani, Gonzalez Garcia, Harrington, Heinrich, Hong, Ishigami, Johnson, Kara, Khondaker, Klemm, Kokouline, Leuenberger, Luo, Martin, Montgomery, Mucciole, Palotai, Peale, Rahman, Roldan-Cuynya, Saha, Schulte, Stolbov, Tatulian, Turkowski, Velissaris, Zhao, Zhmudskyy; 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, materials science, 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://politics.ucf.edu/  
Assistant Chair: Barbara Kinsey  
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. Provide students with a broad background in pre-law to facilitate their admission to law school;  
3. Prepare students for teaching, research, and graduate study in Political Science;  
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/

Associate 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 concepts. 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 presentation 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/

Associate 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_csci.htm
Office of Undergraduate Studies
Interim Vice Provost and Dean: Elliot Vittes
MH 218; 407-823-2373
http://www.undergrad.ucf.edu
Interim Associate Dean: Heath Martin
MH 210; 407-823-2691

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 arbiter 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://mcanair.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 Evertly, 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
Minors: Environmental Studies, World Comparative Studies
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, chiropractic, 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.oeas.ucf.edu/alc/alc_students_us.htm
Rosen College of Hospitality Management

Dean: Abraham Pizam
9907 Universal Boulevard, Suite 231-H Orlando, FL 32819; 407-903-8000
http://www.hospitality.ucf.edu

Associate Deans: Tadayuki Hara; Youcheng Wang
9907 Universal Boulevard, Suite 231-A; 407-903-8000

Orlando Campus Academic Advising:
Classroom Building I, 302H; 407-823-1112


The hospitality industry is the second largest employer in the United States and represents the majority of the economy's rapidly growing service sector. Because of its unique location in the premier tourist destination in the world, the Rosen College of Hospitality Management is ideally situated to prepare students for leadership careers in the hospitality industry and beyond. Whether the student is interested in entering lodging, food service, travel and tourism, financial management and technology, theme parks, vacation ownership resorts, golf management, or event management, the Orlando and Central Florida area offers extraordinary opportunities.

Over 55 million tourists visit Orlando each year, an international designation with over 400 hotels with 120,000 rooms, 20,000 vacation ownership units, 5,300 restaurants, 176 golf courses, over 100 theme parks and attractions, 12 regional shopping malls, a top-ranked international airport, the second largest convention center in the nation, and a multitude of sport and entertainment venues. As the most visited location in the United States, Orlando's hospitality industry is the region's 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)

Tracks: Theme Park and Attraction Management; Golf and Club Management

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
# UCF DEGREE PROGRAMS

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<td>Aerospace Engineering - Accelerated Undergraduate-Graduate Program</td>
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<td>Art - B.F.A. - Emerging Media Track</td>
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<td>Biomedical Sciences</td>
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<tr>
<td>Biomedical Sciences - Preprofessional Concentration</td>
<td>International and Global Studies</td>
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<tr>
<td>Biotechnology</td>
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<td>Business Administration</td>
<td>Latin American Studies</td>
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<tr>
<td>Chemistry</td>
<td>Legal Studies</td>
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<td>Chemistry - Biochemistry Track</td>
<td>Liberal Studies</td>
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<tr>
<td>Civil Engineering</td>
<td>(See Interdisciplinary Studies)</td>
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<tr>
<td>Communication Sciences and Disorders</td>
<td>Management</td>
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<tr>
<td>Communication Sciences and Disorders - Accelerated Undergraduate-Graduate Program</td>
<td>Marketing</td>
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<tr>
<td>Computer Engineering</td>
<td>Mathematics</td>
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<tr>
<td>Computer Engineering - Accelerated Undergraduate-Graduate Program</td>
<td>Mathematics Education</td>
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<tr>
<td>Computer Science</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Computer Science - Accelerated Undergraduate-Graduate Program</td>
<td>Mechanical Engineering - Accelerated Undergraduate-Graduate Program</td>
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<tr>
<td>Construction Engineering</td>
<td>Medical Laboratory Sciences</td>
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<tr>
<td>Criminal Justice</td>
<td>Music</td>
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<td>Criminal Justice Scholar’s Track</td>
<td>Music - Jazz Studies Track</td>
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<tr>
<td>Criminal Justice - A.S. to B.S. Track</td>
<td>Music - Music Composition Track</td>
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<tr>
<td>Digital Media</td>
<td>Music - Music Performance Track</td>
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<tr>
<td>Early Childhood Development and Education</td>
<td>Music Education</td>
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<tr>
<td>Track 1: Education: Pre-Kindergarten - Primary</td>
<td>Nursing</td>
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<tr>
<td>Early Childhood Development and Education</td>
<td>Nursing - Accelerated Second Degree B.S.N. Option</td>
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<tr>
<td>Track 2: Early Childhood Development</td>
<td>Nursing - A.S. to B.S.N. Track</td>
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<td>Early Childhood Development and Education</td>
<td>Nursing - Concurrent A.S.N. to B.S.N. enrollment option</td>
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<tr>
<td>Track 3: Early Childhood Careers</td>
<td>Nursing - R.N. to B.S.N. Program</td>
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<tr>
<td>Economics</td>
<td>Philosophy</td>
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<td>Economics, Business</td>
<td>Photography</td>
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<td>Electrical Engineering</td>
<td>Photonic Science and Engineering</td>
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<td>Electrical Engineering - Accelerated Undergraduate-Graduate Program</td>
<td>Physics</td>
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<tr>
<td>Elementary Education</td>
<td>Political Science</td>
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<tr>
<td>English - Creative Writing</td>
<td>Political Science - Prelaw Track</td>
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<td>English - Literature</td>
<td>Psychology</td>
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<td>English - Technical Communication</td>
<td>Public Administration</td>
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<td>English Language Arts Education</td>
<td>Radio - Television</td>
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<td>Environmental Engineering</td>
<td>Real Estate</td>
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<td>Event Management</td>
<td>Religion and Cultural Studies</td>
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<td>Film - B.F.A.</td>
<td>Restaurant and Foodservice</td>
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<td>Film - Cinema Studies Track</td>
<td>Management</td>
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<td>Finance</td>
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<td>Forensic Science - Analysis Track</td>
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<td>Forensic Science - Biochemistry Track</td>
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<td>General Business</td>
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<td>General Business - A.S. to B.S. Track</td>
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<td>Health Informatics and Information Management</td>
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<td>Health Sciences - Pre-Clinical Track</td>
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<td>Health Services Administration</td>
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<td>History</td>
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<td>History - Accelerated Undergraduate-Graduate Program</td>
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<td>Hospitality Management</td>
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<td>Hospitality Management - A.S. to B.S. Track</td>
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<td>Human Communication</td>
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<td>Humanities and Cultural Studies</td>
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<td>Industrial Engineering</td>
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<td>Information Technology</td>
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<td>Interdisciplinary Studies</td>
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<td>Interdisciplinary Studies - Environmental Studies Track</td>
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<td>Interdisciplinary Studies - Women’s Studies Track</td>
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<td>International and Global Studies</td>
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<td>Journalism</td>
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Additional UCF DEGREE PROGRAMS:

- 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
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-admittance 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 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 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)
   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 2033 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics

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
   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:
ECO 3401 Quantitative Business Tools I

3. Core Requirements: Basic Level
   None

4. Core Requirements: Advanced Level (53 hrs)
   1 GEB 3031 Cornerstone: Professional Skills for Business
   2 GEB 3031L Cornerstone Lab: Professional Skills for Business
   1 GEB 3005 Career Search Strategy
   1 GEB 3003 Career Research & Planning
   1 BUL 3130 Legal and Ethical Environment of Business
   1 ECO 3411 Quantitative Business Tools II
   1 FIN 3403C Business Finance
   1 GEB 3375 Introduction to International Business
   3 MAN 3025 Management of Organizations
   3 MAR 3023 Marketing
   3 MAR 3203 Supply Chain and Operations Management
   3 GEB 4223 Business Interviewing Techniques
   1 GEB 4004 Executing Your Career Plan

1 Must be taken in 1st or 2nd semester.
2 Required to be taken with GEB 3031

Required courses for major: 24 hrs
   ACG 3131 Intermediate Financial Accounting I
   ACG 3141 Intermediate Financial Accounting II
   ACG 3361 Cost Accounting I
   ACG 3501 Financial Accounting for Governmental and Nonprofit Organizations
   ACG 4401C Accounting Information Systems
   ACG 4651 Auditing
   ACG 4803 Advanced Issues in Financial Accounting
   TAX 4001 Taxation of Business Entities and Transactions

5. Restricted Electives
   None

6. Capstone Requirements (4 hrs)
   MAN 4720 Strategic Management
   ■ This course is taken in the graduating term and requires the following prerequisites:
   FIN 3403C Business Finance
   GEB 3031 Cornerstone: Professional Skills for Business
   GEB 3031L Cornerstone Lab: Professional Skills for Business
   1 MAN 3025 Management of Organizations
   3 MAR 3023 Marketing

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
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. University 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 2001 Principles of Financial Accounting 3 hrs
- ACG 2001 and ACG 2011

Plan of Study

Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- MAC 1105C College Algebra 3 hrs
- ECO 1063 Principles of Macroeconomics 3 hrs
- Cultural Foundation I 3 hrs
- Elective 3 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- ECO 1023 Principles of Microeconomics 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs
- Social Foundation 3 hrs
- Elective 3 hrs

Sophomore Year - Fall
- 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
- 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
- GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3003 Career Research & Planning 1 hr
- ACG 3131 Intermediate Financial Accounting I 3 hrs
- FIN 3403C Business Finance 3 hrs
- MAR 3023 Marketing 3 hrs

Junior Year - Spring
- ACG 3361 Cost Accounting I 3 hrs
- MAN 3025 Management of Organizations 3 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- GEB 3005 Career Search Strategy 1 hr
- Elective 3 hrs

Senior Year - Fall
- 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
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

Advertising-Public Relations (B.A.)

College of Sciences
Nicholson School of Communication, NSC, Room: 143
http://communication.cos.ucf.edu
Email: adpr@ucf.edu
Joan McCain - Area Coordinator, joan.mccain@ucf.edu
Nicholson Academic Student Services, nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements
- Students should apply to become Advertising - Public Relations majors only after completing all requirements for admission.
- Students must satisfactorily complete a minimum of 45 credit hours of college work before applying.
- The student's GPA is a major component of the admission criteria.
- The admission GPA will be calculated using all college work attempted.
- The GPA cut-off for admission varies each semester, depending on the applicants; but for the previous 6 admission periods, the GPA averaged 3.4.
- Pass a grammar proficiency exam administered by UCF’s Testing Center, unless the student has qualifying AP or IB scores, or a “B” is earned in both freshman GEP English classes.
- Contact NSC Advising for specifics of admission criteria.
- Students must receive a positive evaluation by the Nicholson School of Communication.
- For admission to the program, students must complete or be enrolled into and complete the following courses with a “C” or better (if in progress at the time of admission, students who do not earn a “C” or better will be removed from the program):

  Complete the following: 6 hrs
  - ADV 3008 Principles of Advertising and 3 hrs
  - PUR 4000 Public Relations 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
- Students who change degree programs (other than from Ad-PR Pending) and select this major must adopt the most current catalog.
- Co-op credit can be used in the major with advisor’s prior approval.
- Students should 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.
- 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
- Required ENC 1102 Composition II 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 one course from group B 2. 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 Exam.

D: Social Foundations (6 hrs)
- Economics 3 hrs
  - Required ECO 2013 Principles of Macroeconomics or 3 hrs
  - Required ECO 2023 Principles of Microeconomics or 3 hrs

E: Science Foundations (6 hrs)
- Social Sciences 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

F: General Education Program (GEP) (12 hrs)

Select either Economics course:
- ECO 2013 Principles of Macroeconomics or
- ECO 2023 Principles of Microeconomics

Select either Speech course:
- SPC 1608 Fundamentals of Oral Presentations
- SPC 1603C Fundamentals of Technical Presentations

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
- ECO 2023 Principles of Microeconomics

Selected either Speech course:
- SPC 1608 Fundamentals of Oral Communication or
- SPC 1603C Fundamentals of Technical Presentations

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 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs

Complete either speech class
- SPC 1608 Fundamentals of Oral Communication or 3 hrs
- SPC 1603C Fundamentals of Technical Presentations 3 hrs

Complete either statistics class:
- STA 2014C Principles of Statistics 3 hrs
- STA 2023 Statistical Methods I 3 hrs

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
- 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 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
- PUR 4906 Directed Independent Study

Select 1: 3 hrs
- ADV 4970H Undergraduate Honors Thesis
- PUR 4970H Undergraduate Honors Thesis II

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.
### 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.

#### Freshman Year - Fall
13 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>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>GEP Math</td>
<td>3</td>
</tr>
<tr>
<td>GEP</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Freshman Year - Spring
13 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>STA 2014C Principles of Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
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</table>

#### Sophomore Year - Fall
15 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 3008 Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>GEP- Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEP</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Sophomore Year - Spring
15 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
<tr>
<td>PUR 4000 Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>GEP</td>
<td>3</td>
</tr>
<tr>
<td>GEP</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Junior Year - Fall
15 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 3420 Mass Media Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>MMC 3630 Social Media as Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Junior Year - Spring
15 hrs

Apply to program by Oct 1.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>E: Science Foundations</td>
<td>3</td>
</tr>
<tr>
<td>Suggested SPC 1608 Fundamentals of Oral Communication</td>
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</tbody>
</table>

#### Junior Year - Summer
9 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Senior Year - Fall
13 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 4101 Advertising Copywriting</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
<tr>
<td>Elective-take outside of NSC</td>
<td>3</td>
</tr>
<tr>
<td>Graduation Review</td>
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</table>

#### Senior Year - Spring
12 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 4411 Ad-PR Campaigns</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective-Internship</td>
<td>3</td>
</tr>
<tr>
<td>Free Elective-take outside of NSC</td>
<td>3</td>
</tr>
<tr>
<td>Free Elective-take outside of NSC</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)

#### 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)
   - 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
     - Suggested SPC 1608 Fundamentals of Oral Communication 3 hrs

   **B: Cultural & Historical Foundations** (9 hrs)
   - Select two classes 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
     - 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)
   - Suggested 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. To enroll in MMAE major courses, a 2.0 (C or better) in each course is required for those courses in section 2.
UCF Degree Programs

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- 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

- First alternative: Select all of the following: 6 hrs
  - CHM 2040 Chemistry Fundamentals IA and 3 hrs
  - CHM 2041 Chemistry Fundamentals IB 3 hrs

- 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 1070C 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
- STA 3032 Probability and Statistics for Engineers 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 4134 High-Speed Aerodynamics 3 hrs
- EAS 4300 Aerothermodynamics of Propulsion Systems 3 hrs
- EML 3034C Modeling Methods in Mechanical and Aerospace Engineering 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 to list all 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.
- 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.
- 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.

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
- None

Mechanical Engineering
- None

Intelligent Robotic Systems (IRS) - Interdisciplinary Engineering Leadership
- None

Advising 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
- 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
- CHM 2040 Chemistry Fundamentals IA or 3 hrs
- CHM 2041 Chemistry Fundamentals IB 3 hrs
- Preferred
Anthropology (B.A.)
College of Sciences
Department of Anthropology, Phillips Hall, Room: 309
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)

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 (6 hrs)
Core-Required, also satisfy the CPP
- ANT 2511 The Human Species 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/aic/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

Full-Time Student: $90 per term
Part-Time Student: $45 per term
UCF Degree Programs

4. Core Requirements: Advanced Level (12 hrs)
   - ANT 3610 Language and Culture 3 hrs
   - ANT 4034 History of Anthropological Thought 3 hrs

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 4586C 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 3152 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 3 hrs
     - Dynamics Among African People in the Americas
     - 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

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
   - 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 3955 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 5822 Maya Field Research or 3 hrs
     - ANG 5907 Independent Study or 1 hr
     - ANG 5917 Directed Research or 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 4907H Undergraduate Honors Thesis or 1 hr

Any of the following may be taken:
   - ANT 251L Physical Anthropology Lab or 1 hr
   - ANT 3080 Mummies, Zombies, and Vampires: 3 hrs
   - Anthropology of the Undead
   - ANT 3106 Archaeology and Popular Culture 3 hrs
   - ANT 3142 Old World Prehistory 3 hrs
   - ANT 3173 Archaeology of Sex 3 hrs
   - ANT 3173 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
   - ANT 3398 Black/Seminoe 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 Anthropological Perspectives on 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

   1 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 4525C Human Osteology 3 hrs
   - ANT 4550 Anthropological Perspectives on Human Growth 3 hrs

   1 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
Health Communications
Judaic Studies
Native American Studies
Nonprofit Management
Teaching English as a Foreign Language
Women’s Studies

Related Minors
The first four minors are not open to Anthropology majors:
Anthropology
Anthropology in Multicultural Studies
Medical Anthropology
North American Indian Studies
African Studies
American Studies
Asian Studies
Diplomacy
English - Linguistics
International and Global Studies
Judaic Studies
Latin American Area Studies
Medical Sociology
Middle Eastern Studies
Nonprofit Management/National Certification in Nonprofit Management
Sociology
Women’s Studies
World Comparative 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
Although any two ANT courses satisfy the CPP, ANT 2511 is required in the core and 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.
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
ANT 2000 General Anthropology 3 hrs
ENC 1101 Composition I 3 hrs
COM 1000 Introduction to Communication 3 hrs
GEP-Math 3 hrs
GEP 3 hrs

Freshman Year - Spring 15 hrs
ANT 2511 The Human Species 3 hrs
ENC 1102 Composition II 3 hrs
GEP 3 hrs
GEP 3 hrs
GEP 3 hrs

Sophomore Year - Fall 15 hrs
ANT 2140 Archaeology and the Rise of Human Culture 3 hrs
ANT 2410 Cultural Anthropology 3 hrs
Restricted Elective 3 hrs
GEP 3 hrs
Free Elective 3 hrs

Sophomore 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
Select 1:
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

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/
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)

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)

Completion of the A.A. in pre-Architecture from Valencia College or equivalent.

3. Core Requirements: Basic Level (34 hrs)

A. 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.

ARC 1201 Theory of Architecture 3 hrs

ARC 1301 Architectural Design I 4 hrs

ARC 1302 Architectural Design II 4 hrs

ARC 1701 History of Architecture I or equivalent 3 hrs

ARC 2180 Introduction to Digital Architecture 3 hrs

ARC 2303 Architectural Design III 5 hrs

ARC 2304 Architectural Design IV 5 hrs

ARC 2461 Materials and Methods of Construction 4 hrs

ARC 2702 History of Architecture II or equivalent 3 hrs

4. Core Requirements: Advanced Level (45 hrs)

Completed as part of the Bachelor of Design Program at UCF.

ARC 3181 Advanced Topics in Digital Architecture 3 hrs

ARC 3320L Architectural Design 5 6 hrs

ARC 3321L Architectural Design 6 6 hrs

ARC 3463 Materials and Methods of Construction 3 hrs

ARC 3503 Architectural Structures 3 hrs

ARC 3610 Environmental Technology 1 3 hrs

ARC 3743 Architectural History 3 3 hrs

ARC 4220 Architectural Theory 2 3 hrs

ARC 4322L Architectural Design 7 6 hrs

ARC 4323L Architectural Design 8 6 hrs

ARC 4620 Environmental Technology 2 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 (10 hrs)

Any combination of course credit at the 3000 or 4000 level and approved internship credit to equal at least 10 hours.

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

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 1114C 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 3320L 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.o eas.ucf.edu/alc/academic_learning_compa cts.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
http://svad.cah.ucf.edu/
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) for the minimum hardware and software specifications.

Admission Requirements
- Character Animation: students must satisfactorily complete the mandatory DIG3951 - Character Animation Portfolio Review before enrolling in any Character Animation restricted electives. The Character Animation 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.
- 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.
- Students unable to satisfactorily complete ART 3950-Portfolio Review, DIG 3951 - 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 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 (7 hrs)
   Take all of the following: 7 hrs
   - Required MAC 1105C College Algebra and 3 hrs
   - Required COP 2500C Concepts in Computer Science 4 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 prefix, studio, or media courses at the 2000-4000 level
   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 3 hrs
- MAC 1105C College Algebra 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

#### 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**
  - Graphic Design Basic Concentration - 18 hours
    - GRA 3950 Graphic Design Portfolio Application 3 hrs
    - GRA 3102C 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
  - Graphic Design - Restricted Electives - 21 hours
    - Complete 21 hours of credits from the following areas:
      - 9 hours must be from 3000 or 4000 ART, ARH, GRA, DIG courses or any 3000 or 4000 level course approved by the School.
    - Courses, 12 hours from 3000 or 4000 ART, ARH, GRA, DIG courses or any 3000 or 4000 level course approved by the School.

- **Character Animation**  
  - All courses in the Character Animation specialization are offered at the UCF Center for Emerging Media in Downtown Orlando
  - Character Animation Core - 15 hours
    - DIG 3951 Character Animation Portfolio Review 3 hrs
    - ART 3643C Digital Effects & Compositing 3 hrs
    - DIG 4325C Look Modeling Workshop 3 hrs
    - DIG 3480C Computer as a Medium 3 hrs
    - DIG 4326C Geometrical Modeling Workshop 3 hrs
    - FIL 3720C Introduction to Animation 3 hrs
    - FIL 3734C Intermediate Animation 3 hrs
  - Character Animation Basic Concentration - 24 hours
    - Complete 24 hours of credits from the following areas:
      - 12 hours from 3000 or 4000 ART, ARH, GRA, DIG courses or any 3000 or 4000 level course approved by the School.

- **Experimental Animation**  
  - Experimental Animation Core - 18 hours
    - ART 3950 Portfolio Review 3 hrs
    - ART 3643C Digital Effects & Compositing 3 hrs
    - DIG 4325C Look Modeling Workshop 3 hrs
    - DIG 4326C Geometrical Modeling Workshop 3 hrs
    - FIL 3720C Introduction to Animation 3 hrs
    - FIL 3734C Intermediate Animation 3 hrs
    - ART 4935 BFA Exhibit/Seminar 3 hrs
  - Experimental Animation Basic Concentration - 24 hours
    - Complete 24 hours of credits from the following areas:
      - 12 hours 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
- Required

##### 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
- 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 specialization. (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
- None
  - 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](http://svad.cah.ucf.edu/students)
- [svadadvising@ucf.edu](mailto: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
- 15 hrs
  - 15 hrs of credits from the following areas: 15 hrs
  - Complete 15 hours of credits from the following areas: 15
  - 15 hours required outside the specialization area from 3000 or 4000 ART, ARH, GRA, DIG courses or any 3000 or 4000 level courses approved by the School
Freshman Year - Spring  16 hrs
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  9 hrs
GEP Communication Foundation  3 hrs
GEP Cultural & Historical Foundation  3 hrs
GEP Science Foundation  3 hrs

Sophomore Year - Fall  15 hrs
ART 2301C  Drawing Fundamentals II  3 hrs
DIG 2000  Introduction to Digital Media  3 hrs
DIG 2030C  Digital Video Fundamentals  3 hrs
DIG 2100C  Digital Imaging Fundamentals  3 hrs
DIG 2500C  Fundamentals of Interactive Design  3 hrs

Sophomore Year - Spring  15 hrs
ART 2301C  Drawing Fundamentals II  3 hrs
ART 2823  Art as Interface  3 hrs
DIG 4780C  Modeling for Realtime Systems  3 hrs
DIG 3480C  Computer as a Medium  3 hrs
GRA 2101C  Introduction to Computer Art  3 hrs

Sophomore Year - Summer  6 hrs
GEP Science Foundation  3 hrs
GEP Science Foundation  3 hrs

Junior Year - Fall  15 hrs
ART 3643C  Digital Effects & Compositing  3 hrs
ART 3950  Portfolio Review  0 hrs
DIG 3024  Digital Cultures & Narrative  3 hrs
DIG 3480C  Computer as a Medium  3 hrs
DIG 4325C  Look Modeling Workshop  3 hrs
DIG 4326C  Geometrical Modeling Workshop  3 hrs
FIL 3720C  Introduction to Animation  3 hrs

Junior Year - Spring  12 hrs
ART 4935  BFA Exhibit/Seminar  3 hrs
FIL 4735C  Advanced Animation  3 hrs
Restricted Elective  3 hrs
Restricted Elective  3 hrs

Senior Year - Fall  12 hrs
ART 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

Senior Year - Spring  12 hrs
ART 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  15 hrs
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

Freshman Year - Summer  6 hrs
GEP Communication Foundation  3 hrs
GEP Cultural & Historical Foundation  3 hrs
GEP Science Foundation  3 hrs
Sophomore Year - Summer

Foreign Language Elementary Level I 4 hrs
Foreign Language Elementary Level II 4 hrs

Junior Year - Fall

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

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

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

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: 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.

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) (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: 3 hrs
       - Suggested MGF 1106 Finite Mathematics or
       - Suggested MGF 1107 Explorations in Mathematics 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 3 hrs
   - D: Social Foundations (6 hrs)
     - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (6 hrs)

3. Core Requirements: Basic Level (3 hrs)
   - ARH 2500 History of Non-Western Art 3 hrs

4. Core Requirements: Advanced Level (15 hrs)
   - ARH 3670 20th Century Latin American Art 3 hrs
   - ARH 4310 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
   - Select one Non-Western/Ancient Art History course from the following:
     - ARH 3820 Visual Arts Administration Vitas 3 hrs
     - ARH 4350 Baroque Art 3 hrs
     - ARH 4871 Women in 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: 18 hrs
- 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
- ARH 30XX-4XXX Additional Art History course 3 hrs

6. Capstone Requirements
- None

7. Foreign Language Requirements

Admissions
- Met by graduation requirement.
Freshman Year

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<tr>
<th>Semester</th>
<th>Courses</th>
<th>Hours</th>
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<tr>
<td>Fall</td>
<td>GEP Social Foundation</td>
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<tr>
<td>Fall</td>
<td>ENC 1101 Composition I</td>
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Sophomore Year

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<td>ARH 2051 History of Western Art II</td>
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<td>ENC 1102 Composition II</td>
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<td>Fall</td>
<td>GEP Mathematical Foundation</td>
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<td>Spring</td>
<td>ENC 1101 Composition I</td>
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<td>GEP Mathematical Foundation</td>
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Junior Year

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Senior Year

Senior Year - Fall

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<td>ENC 3315 Argumentative Writing</td>
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<td>ARH Restricted Elective</td>
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<tr>
<td>GEP Communication Foundation</td>
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<td>GEP Science Foundation</td>
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Senior Year - Spring

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<td>Foreign Language Intermediate I</td>
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<tr>
<td>GEP Cultural &amp; Historical Foundation</td>
<td>3 hrs</td>
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<tr>
<td>GEP Science Foundation</td>
<td>3 hrs</td>
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<tr>
<td>ARH Restricted Elective</td>
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</tbody>
</table>

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.

Equipment Fees

Part-Time Student: $31.50 per term
Full-Time Student: $63 per term

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

University of Central Florida

UNIVERSITY OF CENTRAL FLORIDA

UCF Degree Programs

131
Undergraduate Catalog 2014-2015
## 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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### B: Cultural & Historical Foundations (9 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### C: Mathematical Foundations (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 1063C Basic Statistics Using Microsoft Excel</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Select six upper division courses from one area:

- **Studio**: Book Arts, Ceramics, Drawing, Illustration, Painting, Photography, Printmaking, Sculpture, and Special Topics Studio Courses.
- **Technical**: Illustration, Painting, Printmaking, Sculpture, and Special Topics Studio Courses.
- **Applications**: Drawing, Illustration, Painting, Photography, Printmaking, Sculpture, and Special Topics Studio Courses.
- **Interdisciplinary**: Drawing, Illustration, Painting, Photography, Printmaking, Sculpture, and Special Topics Studio Courses.

1. (May substitute a higher level math)

### 2. Common Program Prerequisites (CPP) (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050 History of Western Art I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ARH 2051 History of Western Art II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 2201C Design Fundamentals-Two Dimensional</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 2203C Design Fundamentals-Three Dimensional</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 2300C Drawing Fundamentals I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 2301C Drawing Fundamentals II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GRA 2101C Introduction to Computer Art</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Any ART prefix, studio, or media courses at the 2000-4000 level</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

### 3. Core Requirements: Basic Level (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2500 History of Non-Western Art</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 2823 Art as Interface</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 4. Core Requirements: Advanced Level

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3950 Portfolio Review</td>
<td>0 hrs</td>
</tr>
</tbody>
</table>

### 5. Restricted Electives (42 hrs)

#### a. Specialization: 18 hrs

Select six upper division courses from one area:

### Book Arts

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3170C Book Binding or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 3171C Materials for Artist Books or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Ceramics/Sculpture Combination

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3761C Intermediate Ceramics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 3764C Ceramic Handbuilding I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4783C Advanced Ceramics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4786C Ceramic Raw Material or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 3709C Intermediate Sculpture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4710C Advanced Sculpture or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Drawing

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3332C Intermediate Drawing or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4320C Advanced Drawing</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Drawing/Printmaking Combination

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3332C Intermediate Drawing or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4320C Advanced Drawing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 3433C Screenprinting or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4402C Advanced Printmaking</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Drawing/Illustration Combination

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3332C Intermediate Drawing or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4320C Advanced Drawing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GRA 3747C Intermediate Illustration I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GRA 4154C Advanced Illustration</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Painting

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3504C Intermediate Painting or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ART 4505C Advanced Painting</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Photography

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGY 3410C Intermediate Photography or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PGY 4420C Advanced Photography or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PGY 4440C Special Problems in Photography</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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

#### 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.)
- Maintain at least a “B” (3.0) GPA in all major requirements.
- Each senior is required to submit a portfolio of representative work in the student’s specialization, for review and approval by faculty, during their last semester of matriculation toward the degree.
- Computer Competency met by STA 1063C or GRA 2101C.

### 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.

### Related Programs

- Art - History Track
- Art - Emerging Media Track
- Art - Visual Arts and Emerging Media Management Track

### Certificates

- None

### Related Minors

- Community Arts - PAVE

### Advising Notes

- [http://svad.cah.ucf.edu/students](http://svad.cah.ucf.edu/students)
- [svadadvising@ucf.edu](mailto: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

- Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:
- GRA 2101C*. A student may substitute any three hour digital art course; however, GRA 2101C is a prerequisite for subsequent art courses and will need to be taken for the major.

### Plan of Study

#### Freshman Year - Fall

<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>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>GEP Mathematical Foundation</td>
<td>3</td>
</tr>
<tr>
<td>GEP Social Foundation</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>ARH 2051 History of Western Art II</td>
<td>3</td>
</tr>
<tr>
<td>ART 2201C Design Fundamentals-Two Dimensional</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>GEP Mathematical Foundation</td>
<td>3</td>
</tr>
<tr>
<td>GEP Social Foundation</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2203C Design Fundamentals-Three Dimensional</td>
<td>3</td>
</tr>
<tr>
<td>ART 2300C Drawing Fundamentals I</td>
<td>3</td>
</tr>
<tr>
<td>ART 2823 Art as Interface</td>
<td>3</td>
</tr>
<tr>
<td>GEP Communication Foundation</td>
<td>3</td>
</tr>
<tr>
<td>GEP 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 2500 History of Non-Western Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 2301C Drawing Fundamentals II</td>
<td>3</td>
</tr>
<tr>
<td>GRA 2101C Introduction to Computer Art</td>
<td>3</td>
</tr>
<tr>
<td>GEP Cultural &amp; Historical Foundation</td>
<td>3</td>
</tr>
<tr>
<td>GEP Science Foundation</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3950 Portfolio Review</td>
<td>0</td>
</tr>
<tr>
<td>ARH Upper Level Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language Elementary Level 1</td>
<td>4</td>
</tr>
<tr>
<td>Specialization Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Any 2000-4000 Level Art Studio or Media Course</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Senior Year - Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH Upper Level Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Specialization Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Specialization Restricted Elective</td>
<td>3</td>
</tr>
<tr>
<td>Upper Level Elective</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.oetas.ucf.edu/alc/academic_learning_compacts.htm)

### Equipment Fees

- Full-Time Student: $63 per term
- Part-Time Student: $31.50 per term

### 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)
- ARH 2050 History of Western Art I GEP
- ARH 2051 History of Western Art II GEP

B: Cultural & Historical Foundations (9 hrs)
- Select a course from Core Requirements: Basic Level

C: Mathematical Foundations (6 hrs)
- Suggested MGF 1106 Finite Mathematics or
- Suggested MGF 1107 Explorations in Mathematics

Statistics - Computers 3 hrs
- Select a course from GEP C.2 list

D: Social Foundations (6 hrs)

E: Science Foundations (6 hrs)
- Select a course from group B.1

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

- May be repeated for credit.

Ceramics
- ART 3761C Intermediate Ceramics 3 hrs
- 1 ART 4783C Advanced Ceramics 3 hrs

- 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

- May be repeated for credit.

Illustration
- GRA 3747C Intermediate Illustration I 3 hrs
- 1 GRA 4154C Advanced Illustration 3 hrs

- May be repeated for credit.

Painting
- ART 3504C Intermediate Painting 3 hrs
- 1 ART 4505C Advanced Painting 3 hrs

- 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

- May be repeated for credit.

Sculpture
- ART 3709C Intermediate Sculpture 3 hrs
- 1 ART 4710C Advanced Sculpture 3 hrs

- 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 4755C Advanced Animation 3 hrs
- 1 FIL 4750C Animation Workshop 3 hrs

- May be repeated for credit.

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.

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
Related Minors
- Digital Media

Advising Notes
- 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
For common program prerequisites if taken.
GRA 2101C  Introduction to Computer Art  3 hrs
may be substituted with:
Plan of Study
Freshman Year - Fall  12 hrs
ARH 2050  History of Western Art I  3 hrs
ENC 1101  Composition I  3 hrs
MGF 1106  Finite Mathematics  3 hrs
GEP Cultural & Historical Foundation  3 hrs

Freshman Year - Spring  15 hrs
ARH 2051  History of Western Art II  3 hrs
ART 2201C  Design Fundamentals-Two Dimensional  3 hrs
ART 2823  Art as Interface  3 hrs
ENC 1102  Composition II  3 hrs
STA 1063C  Basic Statistics Using Microsoft Excel  3 hrs

Sophomore Year - Fall  15 hrs
ART 2500  History of Non-Western Art  3 hrs
ART 2203C  Design Fundamentals-Three Dimensional  3 hrs
ART 2300C  Drawing Fundamentals I  3 hrs
GEP Science Foundation  3 hrs
GEP Social Foundation  3 hrs

Sophomore Year - Spring  15 hrs
ART 2301C  Drawing Fundamentals II  3 hrs
GRA 2101C  Introduction to Computer Art  3 hrs
GEP Communication Foundation  3 hrs
GEP Science Foundation  3 hrs
GEP Social Foundation  3 hrs

Junior Year - Fall  16 hrs
Restricted Elective  3 hrs
Restricted Elective  3 hrs
ART 3950  Portfolio Review  0 hrs
Foreign Language Elementary Level I  4 hrs
Upper Level Elective  3 hrs
Upper Level Elective  3 hrs

Junior Year - Spring  16 hrs
Restricted Elective  3 hrs
Restricted Elective  3 hrs
Foreign Language Elementary Level II  4 hrs
Upper Level Elective  3 hrs
Upper Level Elective  3 hrs

Senior Year - Fall  15 hrs
Restricted Elective  3 hrs
Restricted Elective  3 hrs
Upper Level Elective  3 hrs
Upper Level Elective  3 hrs
Upper Level Elective  3 hrs

Senior Year - Spring  15 hrs
Restricted Elective  3 hrs
Restricted Elective  3 hrs
Upper Level Elective  3 hrs
Restricted Elective  3 hrs
Any 2000-4000 Level Art Studio or Media Course  3 hrs

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: $31.50 per term
- Full-Time Student: $63 per term

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
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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
- 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.
- All junior level students in this program must satisfactorily complete the mandatory ART 3950-Portfolio Review ONLY if they wish to enroll in upper division ART courses, otherwise, students in this program are not required to complete ART 3950-Portfolio Review. The Spring review takes place the first week of March. The Fall review takes place the first week of October.
- Students must earn at least a “C” (2.0) in each required course, except DIG 2000 as noted.
- Co-op 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)  (36 hrs)
  A: Communication Foundations  (9 hrs)
  B: Cultural & Historical Foundations  (9 hrs)
  Take all of the following:  9 hrs
  Suggested  ARH 2050  History of Western Art I and  3 hrs
  Suggested  ARH 2051  History of Western Art II and  3 hrs
  Select a course from group B.1  3 hrs

  C: Mathematical Foundations  (6 hrs)
  Math:
  3 hrs
  Suggested  MGF 1106  Finite Mathematics  3 hrs
  Suggested  MGF 1107  Explorations in Mathematics  3 hrs
  You may substitute a higher level math with appropriate scores on the Math Placement Exam.

  Statistics - Computers  3 hrs
  Prefer  STA 1063C  Basic Statistics Using Microsoft Excel  3 hrs
  STA 1062C  Basic Statistics Using R  3 hrs
  STA 1063C  Basic Statistics Using Microsoft Excel  3 hrs

2. Common Program Prerequisites (CPP)  (18 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
  ARH 2050  History of Western Art I  3 hrs
  ARH 2051  History of Western Art II  3 hrs
  GRA 2101C  Introduction to Computer Art  3 hrs
  ART 20XX-4XXX  Any ART prefix, studio, or media course  3 hrs
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 2023 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
   - 1 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:
     - ARH 4450 20th Century Art or 3 hrs
     - ARH 3711 History of Photography I or 3 hrs
     - ARH 3711 History of Photography II or 3 hrs
     - PHI 3900 Aesthetics 3 hrs
     Written Communication 3 hrs
     Select 1:
     - 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:
     - DIG 3043 Evolution of Video Games or 3 hrs
     - DIG 3052 Digital Media Production I or 3 hrs
     - DIG 3480C Computer as a Medium or 3 hrs
     - DIG 3525 Information Management and 3 hrs
     - DIG 3716C Internet Interaction or 3 hrs
     - DIG 4630C Digital Asset Management Systems or 3 hrs
     - FIL 4040 Animation Film History for Non Film Majors or 3 hrs
     1 These courses may also be applied toward an 18 credit Minor in Technical Entrepreneurship

Business 3 hrs
Select 1:
- 1 GEB 3113 Creativity and Entrepreneurship or 3 hrs
- MARS 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 Technical Entrepreneurship

Arts Management 3 hrs
Select one:
- FIL 5612 Film and Internet Business 3 hrs
- ARE 3944 Community Arts Practicum 3 hrs
   - ARE 4280 Methods in Art Administration 3 hrs
- ARH 3820 Visual Arts Administration Vitas 3 hrs
- FIL 4647 Film Production Management 3 hrs
- PGC 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.

8. Electives
   - (Credit hours are variable)
   - 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, Practicum, or Internship permitted)

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
- Art - History Track
- Art - Studio Art Track
- Art Education
- Certificates
   - None

Related Minors
- Community Arts - PAVE
- Digital Media
- Technological Entrepreneurship

Advising Notes
- http://svad.cah.ucf.edu/students
- svadadvising@ucf.edu

Transfer Notes
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide supporting information.

Acceptable Substitutes for Transfer Courses
- Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:
- GRA 2101C: may substitute 3 hours of any digital art course, however, GRA 2101C is a prerequisite for subsequent art courses and will need to be taken for the major.

Plan of Study

Freshman Year - Fall
- 12 hrs
  - ARH 2050 History of Western Art I 3 hrs
  - ENC 1101 Composition I 3 hrs
  - MGF 1106 Finite Mathematics 3 hrs
  - GEP Social Foundation 3 hrs

Freshman Year - Spring
- 15 hrs
  - ARH 2051 History of Western Art II 3 hrs
  - ENC 1102 Composition II 3 hrs
  - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
  - ART 2823 Art as Interface 3 hrs
  - GEP Social Foundation 3 hrs

Sophomore Year - Fall
- 15 hrs
  - ARH 2500 History of Non-Western Art 3 hrs
  - ART 2300C Drawing Fundamentals I 3 hrs
  - ART 2201C Design Fundamentals-Two Dimensional 3 hrs
  - GEP Communication Foundation 3 hrs
  - GEP Science Foundation 3 hrs
Sophomore Year - Spring  
ART 2203C Design Fundamentals-Three Dimensional  
ART 2301C Drawing Fundamentals II  
GRA 2101C Introduction to Computer Art  
GEP Science Foundation  
GEP Cultural & Historical Foundation  

Junior Year - Fall  
GEB 3031 Cornerstone: Professional Skills for Business  
Foreign Language Elementary Level I  
Restricted Elective  
Upper Level Elective  
Upper Level Elective  

Junior Year - Spring  
Foreign Language Elementary Level II  
Elective  
Elective  
Restricted Elective  
Restricted Elective  
Upper Level Elective  
Upper Level Elective  

Senior Year - Fall  
Restricted Elective  
Restricted Elective  
Upper Level Elective  
Upper Level Elective  

Senior Year - Spring  
DIG 4855 Converging Media Capstone  
Elective  
Restricted Elective  
Upper Level Elective  
Upper Level Elective  

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 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 Andreason, ED 123Q, Janet.Andreason@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 and Historical Foundations (9 hrs)  
Prefer AMH 2010 U.S. History: 1492-1877 3 hrs  
Prefer AMH 2021 U.S. History: 1877-Present 3 hrs  
1 Required ARH 2050 History of Western Art I 3 hrs  

A grade of “C-” (1.75) or better is required

C: Mathematical Foundations (6 hrs)  
Prefer MGF 1106 Finite Mathematics 3 hrs

Select 1:  

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:  

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  
EME 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  
ARH 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
**UCF Degree Programs**

### Lifelong Learning Track
- **MHS 2330**  Career Planning  3 hrs

**Select 1:**
- **EDF 2130**  Child and Adolescent Development  3 hrs
- **EDP 2270**  Adult Development & Learning  3 hrs

**4. Core Requirements: Advanced Level** **(42 hrs)**
- Education Track requires 54 semester hours
- Lifelong Learning Track requires 42 semester hours

**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

**EDG 4410**  Teaching Strategies and Classroom Management  3 hrs
- **EDF 4467**  Learning Theory and Assessment  3 hrs
- **EDF 4603**  Analysis of Application of Ethical, Legal, and Safety Issues in Schools  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

**Lifelong Learning Track**
- **EEX 4242**  Teaching Exceptional Students in Secondary Settings  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 4250**  Art for Exceptionalities  3 hrs
- **ARE 4453**  Studio Experiences in Art Education  3 hrs
- **EDG 4410**  Teaching Strategies and Classroom Management  3 hrs
- **ARE 4453**  Studio Experiences in Art Education  3 hrs
- **RED 4043**  Content Reading in Kindergarten through Grade 12  3 hrs

**Internship I** **3 hrs**
- Prior to Internship I, the student must have completed EDG 4410 Teaching Strategies and Classroom Management 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/clinicalexp/](http://www.education.ucf.edu/clinicalexp/)

**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/clinicalexp/](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-5.066.
- ARE 4941  Internship  12 hrs

**Lifelong Learning Track Specialization** **24 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.

**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 4410**  Teaching Strategies and Classroom Management  1 hr
- **EDG 4941**  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 2034C**  Developmental Psychology  3 hrs
- **DEP 3020**  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 Specialized/Indoor 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: 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

12. University Minimum Exit Requirements
  a. A 2.0 UCF GPA
  b. 60 semester hours earned after CLEP awarded
  c. 48 semester hours of upper division credit completed
  d. 30 of the last 39 hours of course work must be completed in residency at UCF.
  e. A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
  f. 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: 3 hrs
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
EDG 4410 Teaching Strategies and Classroom Management 3 hrs
ART 2500C Beginning Painting 3 hrs

Education Track 3 hrs
ARE 4356 Teaching Art Appreciation & Criticism in the Classroom 3 hrs

Lifelong Learning Track 3 hrs
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 12 hrs
ARE 3952 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 9 hrs
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: 3 hrs
  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 3 hrs
Restricted Elective (Any ARE/ARH/ART/PGY 3/4XXX w/ Advisor approval) 3 hrs

Lifelong Learning Track 3 hrs
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 9 hrs
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 9 hrs
Choose Lifelong Learning Specialization courses 9 hrs

Senior Year - Spring 12 hrs
ARE 4453 Studio Experiences in Art Education and 3 hrs

Education Track 12 hrs
ARE 4841 Internship 12 hrs

Lifelong Learning Track 6 hrs
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.oead.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
  Part-Time Student: $12 per term
  Full-Time Student: $24 per term
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
Krisiten 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 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)
     Required: STA 2023 Statistical Methods I 3 hrs
     Suggested: MAC 1114C College Trigonometry 3 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: PYS 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  
ZOO 3733C  
PSC 3703C  
HUN 2201  
STA 2023  
PSY 2012  

Select 1:  
- 4 hrs  
- One of the following courses must be taken as a prerequisite or co-requisite to core requirements:  
  PHY 2053C  
  PHY 2048C  

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 4103  
ATR 4112C  
ATR 4112L  
ATR 4213C  
ATR 4302C  
ATR 4313C  
ATR 4512C  
ATR 4832L  
ATR 4842L  

Select 2:  
- 3 hrs  
- One of the following courses must be taken as a prerequisite or co-requisite to core requirements:  
  ATR 4812C  
  ATR 4822L  
  PET 4606  
  PET 4315C  
  PET 4323C  
  PET 4333C  

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.  
- Two years of successful clinical rotation under the direct supervision of an approved preceptor.  

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**  
- ENC 1101 Composition I  
- PSY 2012 General Psychology  
- MAC 1105 College Algebra  
- CHM 2045 Chemistry Fundamentals I  
- Other CHM courses might be acceptable as prerequisites to PCB 3703  

**Sophomore Year - Fall**  
- PHY 2053C College Physics I  
- ZOO 3733C Human Anatomy  
- STA 2023 Statistical Methods I  
- Select 1: 3 hrs  
- HUM 2210 Humanistic Tradition I  
- AMH 2010 U.S. History: 1492-1877  
- WOH 2012 World Civilization I  
- HUN 2201 Fundamentals of Human Nutrition  
- PCB 3703C Human Physiology  
- SPC 1608 Fundamentals of Oral Communication  
- Select 1: 3 hrs  
- HUM 2230 Humanistic Tradition II  
- AMH 2020 U.S. History: 1877-Present  
- WOH 2022 World Civilization II  

**Junior Year - Fall**  
- ENC 1102 Composition II  
- POS 2041 American National Government  
- BSC 2010C Biology I  
- BSC 4937 Instructional Experiences in Undergraduate Education  
- ATR 3012C Principles of Athletic Training  
- English (If not satisfied in high school)  
- Select 1: 3 hrs  
- PHIL 2010 Introduction to Philosophy  
- Select 1: 3 hrs  
- HUM 2210 Humanistic Tradition I or  
- AMH 2010 U.S. History: 1492-1877 or  
- WOH 2012 World Civilization I  

**Junior Year - Spring**  
- BSC 2011C Biology II  
- PHY 2053C College Physics I  
- AST 4000C Principles of Athletic Training I or II  
- Select 1: 3 hrs  
- HUM 2230 Humanistic Tradition II  
- HUM 2240 World Religions  
- STA 2033 Statistical Methods II  
- Select 1: 3 hrs  
- HUM 2250 The Arts  
- STA 2023 Statistical Methods I  
- STA 2024 Statistical Methods II  

**Senior Year - Fall**  
- ATR 4313C Therapeutic Exercise in Athletic Training  
- ATR 4302C Therapeutic Modalities in Athletic Training  
- ATR 4812L Practicum in Athletic Training  
- ATR 4933 Athletic Training Seminar  
- PET 4006 Applied Fitness in Sport  
- ATR 4103 Case Studies in Sports Medicine  
- ATR 4112L Acute Care in Athletic Training  

**Senior Year - Spring**  
- ATR 4512C Organization and Administration of Athletic Training  
- PET 3510C Physiologic & Metabolic Basis of Human Movement & Performance  
- ATR 4313C Therapeutic Exercise in Athletic Training II  
- ATR 4302C Therapeutic Modalities in Athletic Training II  
- ATR 4812L Practicum in Athletic Training II  
- ATR 4933 Athletic Training Seminar  

### 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](http://www.oeeas.ucf.edu/alc/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](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.

### Note:

- Certain courses must be selected in the GEP for undergraduate programs.

### 1. UCF General Education Program (GEP) (38 hrs)

- Required: ENC 1101 Composition I  
- Required: ENC 1102 Composition II  
- Required: SPC 1603C Fundamentals of Technical Presentations  
- Required: PCB 3703 Human Physiology  

### B: Cultural & Historical Foundations (9 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  
- Required: ENC 1102 Composition II  
- Prefer: SPC 1603C Fundamentals of Technical Presentations
C: Mathematical Foundations (6 hrs)
Mathematics:
- Note: Prior to enrolling in Math, take Math Placement Test ~ http://knightsource.sdes.ucf.edu/placement
- Suggested MAC 2233 Concepts of Calculus or
  - MAC 2253 Applied Calculus or
- Preferred MAC 2311C Calculus with Analytic Geometry I

Statistics
- Required STA 2023 Statistical Methods I

D: Social Foundations (6 hrs)

E: Science Foundations (8 hrs)
- Required BSC 2010C Biology I
- Required MAC 2311C Calculus with Analytic Geometry I

Statistics
- Required STA 2023 Statistical Methods I

D: Social Foundations (6 hrs)

E: Science Foundations (8 hrs)
- Required BSC 2010C Biology I
- Required MAC 2311C Calculus with Analytic Geometry I

Chemistry:
- Required CHM 2045C Chemistry Fundamentals I
- or - Students with little chemistry background should take this two semester equivalent instead.
  - Required CHM 2040 Chemistry Fundamentals IA and
  - Required CHM 2041 Chemistry Fundamentals IB

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:
- Required BSC 2010C Biology I
- Required BSC 211C Biology II
Chemistry:
- Required CHM 2045C Chemistry Fundamentals I
  - or - Students with little chemistry background should take this two semester equivalent instead.
  - Required CHM 2040 Chemistry Fundamentals IA and
  - Required CHM 2041 Chemistry Fundamentals IB

3. Core Requirements: Basic Level (8 hrs)
- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core;

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.
  - Suggested BSC 2010C Biology I and
  - Suggested BSC 211C Biology II

Chemistry:
- Required CHM 2045C Chemistry Fundamentals I
  - or - CHM 2040 Chemistry Fundamentals IA and
  - and - CHM 2046 Chemistry Fundamentals II and

Math:
- Note: a minimum grade of “C” (2.0) is required in these Mathematics courses to satisfy the requirement, and to allow their use as a course prerequisite.
  - Suggested MAC 2233 Concepts of Calculus or
  - Preferred MAC 2311C Calculus with Analytic Geometry I

4. Core Requirements: Advanced Level (13 hrs)
- Note: a minimum grade of “C” (2.0) is required in these Mathematics courses to satisfy the requirement, and to allow their use as a course prerequisite.

Math:
- Required MAC 2233 Concepts of Calculus or
  - or - MAC 2253 Applied Calculus or

Physics:
- Complete one entire sequence
  - PHY 2053C College Physics I and
  - PHY 2054C College Physics II

4. Core Requirements: Advanced Level (13 hrs)
- Note: a minimum grade of “C” (2.0) is required in these Mathematics courses to satisfy the requirement, and to allow their use as a course prerequisite.

Math:
- Required MAC 2233 Concepts of Calculus or

Physics:
- Complete one entire sequence
  - PHY 2053C College Physics I and
  - PHY 2054C College Physics II

5. Restricted Electives (22 hrs)
- Courses must be selected from the groupings listed below.
- Students planning on entering professional or graduate school may wish to take additional Calculus courses.

- Students are urged to consult their departmental advisor.

- Transferred courses must be at a 3000 level or higher, and be evaluated by the undergraduate program coordinator via petition.

- Courses at the 5000 level are only open to seniors and beginning graduate students.
## UCF Degree Programs

### 6. Capstone Requirements

<table>
<thead>
<tr>
<th>Form/Function</th>
<th>3 hrs</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete a minimum of one lecture course</td>
<td>from this group.</td>
<td>Complete a minimum of one course from this group.</td>
</tr>
<tr>
<td>BCH 4053</td>
<td>Biochemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BCH 4054</td>
<td>Biochemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 4233C</td>
<td>Plant Anatomy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BOT 4303C</td>
<td>Plant Kingdom</td>
<td>5 hrs</td>
</tr>
<tr>
<td>BOT 4503</td>
<td>Plant Physiology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3083L</td>
<td>Genetics Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>PCB 3233</td>
<td>Immunology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 4514</td>
<td>Genetics II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4524</td>
<td>Molecular Biology II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4678</td>
<td>Evolution and Medicine</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4683L</td>
<td>Evolutionary Biology Lab</td>
<td>1 hr</td>
</tr>
<tr>
<td>PCB 4684</td>
<td>Population Genetics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4723</td>
<td>Animal Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 5935</td>
<td>Population Genetics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 3713C</td>
<td>Comparative Vertebrate Anatomy</td>
<td>5 hrs</td>
</tr>
<tr>
<td>ZOO 3733C</td>
<td>Human Anatomy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 4603C</td>
<td>Embryology/Development</td>
<td>5 hrs</td>
</tr>
<tr>
<td>ZOO 4753C</td>
<td>Vertebrate Histology</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

1. Fulfills Botany requirement. Offered in Biology department.
2. Fulfills Zoology requirement. Offered in Biology department.
3. Fulfills Zoology requirement. Offered in Biology department.

### Environmental

<table>
<thead>
<tr>
<th>Complete a minimum of one lecture course</th>
<th>3 hrs</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>from this group.</td>
<td>Complete a minimum of one course from this group.</td>
<td></td>
</tr>
<tr>
<td>BOT 3018C</td>
<td>Culinary Botany Across the Cultures</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 3152C</td>
<td>Local Flora</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 3152C</td>
<td>Ethnobotany</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 4850</td>
<td>Medicinal Botany</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 2092</td>
<td>Conservation Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 3312</td>
<td>Principles of Marine Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 4312C</td>
<td>Advanced Marine Biology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BSC 4330</td>
<td>Invasion Biology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 4621</td>
<td>Biogeography</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BSC 4861</td>
<td>SL Sustainability; Socially &amp; Economically</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 5258L</td>
<td>Tropical Biology Research and Conservation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3044L</td>
<td>Principles of Ecology Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>PCB 3343L</td>
<td>Principles of Field Ecology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>PCB 3354</td>
<td>Tropical Ecology and Conservation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3355L</td>
<td>Tropical Marine Biology</td>
<td>2 hrs</td>
</tr>
<tr>
<td>PCB 3442</td>
<td>Aquatic Ecology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 5435C</td>
<td>Marine Ecology of Florida</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 5485</td>
<td>Models in Ecology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAZ 4234</td>
<td>Zoo and Aquarium Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ZOO 4513</td>
<td>Animal Behavior</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. Fulfills Botany requirement. Offered in Biology department.
2. Fulfilled in Biology department.
3. Fulfills Zoology requirement. Offered in Biology department.
4. Variable credit 2-5 hours

### Systematic

<table>
<thead>
<tr>
<th>Complete a minimum of one lecture course</th>
<th>3 hrs</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>from this group.</td>
<td>Complete a minimum of one course from this group.</td>
<td></td>
</tr>
<tr>
<td>ANT 3550C</td>
<td>Primatology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BOT 4434C</td>
<td>General Mycology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BOT 4713C</td>
<td>Plant Taxonomy</td>
<td>5 hrs</td>
</tr>
<tr>
<td>ENY 4004C</td>
<td>General Entomology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ENY 5066C</td>
<td>Entomology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>ZOO 4205C</td>
<td>Biology and Ecology of Metazoan</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 4310C</td>
<td>Vertebrate Evolution &amp; Ecology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 4480</td>
<td>Mammmalogy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 5465C</td>
<td>Ichthyology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 5465C</td>
<td>Herpetology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>ZOO 5475L</td>
<td>Field Ornithology</td>
<td>3 hrs</td>
</tr>
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</table>

1. Fulfills Botany requirement. Offered in Biology department.
2. Fulfills Zoology requirement. Offered in Biology department.

### 7. Foreign Language Requirements

<table>
<thead>
<tr>
<th>Admissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

### 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:
  - BSC 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/

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Math Course, depending on placement score</td>
<td>4 hrs</td>
<td></td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
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### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2011C</td>
<td>Biology II</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>Note: This lab may be taken in a later term if seats are not available. ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective or Math course if needed</td>
<td>3 hrs</td>
<td></td>
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### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
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<td>PCB 3063</td>
<td>Genetics</td>
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<td>PCB 3044</td>
<td>Principles of Ecology</td>
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### Sophomore Year - Spring

<table>
<thead>
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<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
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<tr>
<td>CHM 2211L</td>
<td>Organic Laboratory Techniques I</td>
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<td>Note: This lab may be taken in a later term if seats are not available. STA 2023</td>
<td>Statistical Methods I</td>
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<tr>
<td>Restricted Elective</td>
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<tr>
<td>GEP</td>
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### Junior Year - Fall

<table>
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<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2053C</td>
<td>College Physics I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PCB 3023</td>
<td>Molecular Cell Biology</td>
<td>3 hrs</td>
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<td>Restricted Elective</td>
<td>5 hrs</td>
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<tr>
<td>GEP</td>
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### Junior Year - Spring

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PHY 2054C</td>
<td>College Physics II</td>
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<td>Restricted Elective</td>
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<tr>
<td>GEP</td>
<td></td>
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<tr>
<td>Elective</td>
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### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4683</td>
<td>Evolutionary Biology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>4 hrs</td>
<td></td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
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<tr>
<td>Elective</td>
<td></td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

### Senior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>4 hrs</td>
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<tr>
<td>GEP</td>
<td></td>
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<tr>
<td>Elective</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</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.oeas.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.)

#### 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

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 Biology | 2 hrs
- Upon reaching junior standing (60 hours), 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
   - Prefer SPC 1603C Fundamentals of Technical Presentations 3 hrs

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (7 hrs)
   - Mathematics: 4 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: 3 hrs
   - 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 for this Biology course to be used 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 IA 3 hrs and
     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 for these Biology courses to allow their use as a prerequisite. While a lower grade may satisfy the CPP, it will not satisfy the major.
     BSC 2010C Biology I and GEP
     BSC 2011C Biology II 4 hrs

Chemistry:
   - Take Placement test before starting chemistry; http://knightsource.sdes.ucf.edu/placement
     CHM 2045C Chemistry Fundamentals I GEP
     - or:
       CHM 2040 Chemistry Fundamentals IA and GEP
       CHM 2041 Chemistry Fundamentals IB GEP
     - and:
       CHM 2046 Chemistry Fundamentals II and 3 hrs
       CHM 2046L Chemistry Fundamentals Laboratory 1 hr

Math:
   - MAC 2311C Calculus with Analytic Geometry I and GEP
   - STA 2023 Statistical Methods I GEP

Physics: 8 hrs
   - PHY 2048C Physics for Engineers & Scientists I and 4 hrs
   - PHY 2049C Physics for Engineers and Scientists II 4 hrs

3. Core Requirements: Basic Level (8 hrs)
   - 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.
     BSC 2010C Biology I and GEP/CPP
     BSC 2011C Biology II GEP/CPP

   Chemistry:
     CHM 2045C Chemistry Fundamentals I GEP/CPP
     - or
       CHM 2040 Chemistry Fundamentals IA and GEP/CPP
       CHM 2041 Chemistry Fundamentals IB GEP/CPP
     - and
       CHM 2046 Chemistry Fundamentals II and CPP
       CHM 2046L Chemistry Fundamentals Laboratory CPP

   Math:
     MAC 2311C Calculus with Analytic Geometry I and GEP/CPP
     STA 2023 Statistical Methods I GEP/CPP

   Physics:
     PHY 2048C Physics for Engineers & Scientists I or 4 hrs
     PHY 2049C Physics for Engineers and Scientists II CPP

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.

   PCB 3023 Molecular Cell Biology 3 hrs
   PCB 3044 Principles of Ecology 3 hrs
   PCB 3063 Genetics 3 hrs
   PCB 4863 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.
   - BCH 4053 Biochemistry I or 3 hrs
   - BCH 4054 Biochemistry II or 3 hrs
   - PCB 3063L Genetics Laboratory or 1 hr
   - PCB 3233 Immunology or 3 hrs
   - PCB 3703C Human Physiology or 4 hrs
   - PCB 4514 Genetics II or 3 hrs
### UCF Degree Programs

**Certificate**  
None

**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 2010C: 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 211C: May substitute the Honors version BSC X011C or both ZOO X010C and BOT X011C.
  - 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 courses 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 211C Biology II 4 hrs
  - CHM 2046 Chemistry Fundamentals II 3 hrs
  - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
  - Math course 4 hrs
  - ENC 1102 Composition II 3 hrs

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### Environmental

Complete a minimum of one lecture course 3 hrs from this group.  
1. BOT 3802 Ethnobotany or 3 hrs  
2. BOT 4850 Medicinal Botany 3 hrs

### Systematic

Complete a minimum of one lecture course 3 hrs from this group.  
1. ANT 3550C Primatology or 3 hrs  
2. PCB 4524 Molecular Biology II 3 hrs

### Common Program Prerequisites, the Biology Core and the Statistics course

- 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 2010C: 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 211C: May substitute the Honors version BSC X011C or both ZOO X010C and BOT X011C.
  - 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 courses 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 211C Biology II 4 hrs
  - CHM 2046 Chemistry Fundamentals II 3 hrs
  - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
  - Math course 4 hrs
  - ENC 1102 Composition II 3 hrs

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### Capital Requirements

- None

### 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.

### Graduation

- Spanish is highly recommended.

### Electives

- Select primarily from upper level courses after consulting with your departmental advisor. May be outside of the department.

### Additional Requirements

- None

### Required Minors

- None

### 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.
- 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, and must earn a passing score.
- 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.

### 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**

### Related Programs

- Biology
- Chemistry
- Biomedical Sciences

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### Acceptable Substitutes for Transfer Courses

- The following substitutions are acceptable for common program prerequisites if taken as part of the AA course work:
  - BSC 2010C: 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 211C: May substitute the Honors version BSC X011C or both ZOO X010C and BOT X011C.
  - 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 courses 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 211C Biology II 4 hrs
  - CHM 2046 Chemistry Fundamentals II 3 hrs
  - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
  - Math course 4 hrs
  - ENC 1102 Composition II 3 hrs
UCF Degree Programs

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 4883  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  4 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.oeas.ucf.edu/alc/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: bcbinfo@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 or
- Suggested  MAC 2253  Applied Calculus  3 hrs

C: Mathematical Foundations (6 hrs)
- Required  BSC 3403C  Quantitative Biological Methods  4 hrs
  1 Required  CHM 2045C  Chemistry Fundamentals I  4 hrs

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 2046  Chemistry Fundamentals II  3 hrs
- CHM 2046L  Chemistry Fundamentals Laboratory  1 hr
- MAC 2311C  Calculus with Analytic Geometry I  GEP
- STA 2023  Statistical Methods I  GEP
- CHM 2210  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

or

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 3002C  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
Students must take MCB 3203L Pathogenic Microbiology Lab in order for the combination to count as 1 restricted elective.

## 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.
- Only three hours of Honors thesis will count towards restrictive elective requirement.
- Students can only select two (2) of the following BCH courses.
- Students must choose three (3) courses from the list below:
  
  1. **BCH 4054**, BCH 4103L, PCB 3063, PCB 4514, ZOO 4603C.
  
  - **BCH 4054** Biochemistry II 3 hrs
  
  - **BCH 4103L** Biochemical Methods 2 hrs
  
  - **MCB 3202** Pathogenic Microbiology 3 hrs
  
  - **MCB 4404** Bacterial Genetics and Physiology 3 hrs
  
  - **MCB 4114C** Determinative & Systemic Microbiology 4 hrs
  
  - **MCB 4207** Infectious Processes 3 hrs
  
  - **MCB 4204** Cellular Microbiology: Host-Pathogen Interactions 3 hrs
  
  - **MCB 4276** Epidemiology of Infectious Diseases 3 hrs
  
  - **MCB 4312** Molecular Biotechnology 3 hrs
  
  - **MCB 4503C** Virolology 3 hrs
  
  - **MCB 4721C** Methods in Biotechnology 4 hrs
  
  - **MCB 5225** Molecular Biology of Disease 3 hrs
  
  - **MCB 5654** Applied Microbiology 3 hrs
  
  - **MCB 5952** Current Topics in Molecular Biology 3 hrs
  
  - **MLS 3220C** Techniques in Clinical Microscopy 3 hrs
  
  - **MLS 3305** Hematology 3 hrs
  
  - **MLS 4343** Hemostasis 3 hrs
  
  - **MLS 4430C** Clinical Parasitology 3 hrs
  
  - **MLS 4505C** Immunodiagnostics 3 hrs
  
  - **MLS 4625** Advanced Clinical Chemistry I 3 hrs
  
  - **MLS 4630** Advanced Clinical Chemistry II 3 hrs
  
  - **PCB 3063** Genetics 3 hrs
  
  - **PCB 3703C** Human Physiology 4 hrs
  
  - **PCB 4028** Molecular and Cellular Pharmacology 3 hrs
  
  - **PCB 4174** Foundation of Bio-Imaging Science 3 hrs
  
  - **PCB 4521** Tissue Engineering 3 hrs
  
  - **PCB 4514** Genetics II 3 hrs
  
  - **PCB 4529C** Experimental Molecular Cell Biology 4 hrs
  
  - **PCB 4605** Endocrinology 3 hrs
  
  - **PCB 5238** Immunobiology 3 hrs
  
  - **PCB 5236** Cancer Biology 3 hrs
  
  - **PCB 5275** Signal Transduction Mechanics 3 hrs
  
  - **ZOO 3701C** Human Gross Anatomy & Dissection Techniques 3 hrs
  
  - **ZOO 3733C** Human Anatomy 4 hrs
  
  - **ZOO 3744** Neurobiology 3 hrs
  
  - **ZOO 4063C** Embryology/Development 5 hrs
  
  - **ZOO 4065** Human Clinical Embryology and Congenital Malformation 3 hrs
  
  - **ZOO 4743C** Clinical Neuroanatomy and Neuroscience 3 hrs
  
  - **ZOO 4753C** Vertebrate Histology 4 hrs
  
  - **ZOO 5475C** Essentials of Neuroanatomy 4 hrs
  
  - **MCB 4970H** Honors Undergraduate Thesis II 3 hrs
  
  - **BOT 4434C** General Mycology 4 hrs
  
  - **MCB 3202** Principles of Infectious Disease 3 hrs
  
  - **PCB 4234** Methods in Biotechnology 3 hrs
  
  - **ZOO 4747C** Vertebrate Histology 4 hrs
  
  - **PCB 4264** Stem Cell Biology 3 hrs

1. Must also choose MCB 3203L Pathogenic Microbiology Lab

### Track 3: Molecular and Cellular Biology 45 hrs

#### 4C: Core Requirements: Advanced Level 35 hrs

- **BSC 3403C** Quantitative Biological Methods 4 hrs
- **MCB 3020C** General Microbiology 5 hrs
- **BCH 4053** Biophysical Informatics: Sequence Analysis 3 hrs
- **PCB 3233L** Immunology Laboratory 1 hr
- **PCB 4280** Molecular Immunology 3 hrs
- **PCB 4524** Molecular Biology II 3 hrs
- **PCB 4514** Genetics II 3 hrs
- **PCB 4805C** Biomedical Informatics: Sequence Analysis 3 hrs

#### 5C: Restricted Electives 10 hrs

- Students must choose three (3) electives from the list below:
  
  - At least one (1) must have a laboratory component
  
  - **PCB 4663** General Genetics 3 hrs
  
  - **ZOO 3744** Neurobiology 3 hrs
  
  - **ZOO 3701C** Human Gross Anatomy & Dissection Techniques 3 hrs
  
  - **ZOO 3733C** Human Anatomy 4 hrs
  
  - **BSC 4434** Biophysical Informatics: Sequence Analysis 3 hrs
  
  - **PCB 4523** Immunobiology 3 hrs
  
  - **PCB 5238** Immunobiology 3 hrs
  
  - **PCB 5275** Signal Transduction Mechanics 3 hrs
  
  - **PCB 4813** Molecular Aspects of Obesity, Diabetes & Metabolism 3 hrs

- 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 2: Molecular Microbiology 45 hrs

#### 4B: Core Requirements: Advanced Level 34 hrs

- **BSC 3403C** Quantitative Biological Methods 4 hrs
- **MCB 3020C** General Microbiology 5 hrs
- **BCH 4053** Biochemistry I 3 hrs
- **PCB 3522** Molecular Biology I 3 hrs
- **PCB 4280** Molecular Immunology 3 hrs
- **PCB 4524** Molecular Biology II 3 hrs
- **PCB 4514** Genetics II 3 hrs
- **PCB 4805C** Biophysical Informatics: Sequence Analysis 3 hrs
- **PCB 5238** Immunobiology 3 hrs
- **PCB 5275** Signal Transduction Mechanics 3 hrs
- **PCB 4813** Molecular Aspects of Obesity, Diabetes & Metabolism 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

- Variable. Students are encouraged to participate in undergraduate research if interested in pursuing graduate or professional education.
UCF Degree Programs

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
- may be substituted with: BSC 3403C
- 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

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

Freshman Year - Spring
- 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
- 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
- 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: Honors Laboratory Techniques I or 2 hrs
- Elective 3 hrs

Sophomore Year - Summer
- Restricted Elective or Elective 3 hrs
- Elective 3 hrs

Select 1:
- CHM 2211L: Honors Laboratory Techniques I or 2 hrs

Junior Year - Fall
- 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 2046C: Physics for Engineers & Scientists I 4 hrs

Junior Year - Spring
- PCB 4524: Molecular Biology II 3 hrs
- Restricted Elective 3 hrs

Select 1:
- PHY 2054C: College Physics II or 4 hrs
- PHY 2049C: Physics for Engineers and Scientists II 4 hrs

Select 1:
- PCB 3233L and PCB 4280: Molecular Immunology or 4 hrs
- PCB 3233 or Restricted Elective 3 hrs

Senior Year - Fall
- 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 3233L and PCB 4280: Molecular Immunology or 4 hrs
- PCB 3233 or Restricted Elective 3 hrs

Senior Year - Spring
- GEP 3 hrs
- Restricted Elective 3 hrs

1. Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

2. Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

3. Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

4. Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

5. Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.
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.

<table>
<thead>
<tr>
<th>A: Communication Foundations</th>
<th>9 hrs</th>
</tr>
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<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 1063C Fundamentals of Technical Presentations</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>Mathematical Foundations (6 hrs)</td>
<td></td>
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<tr>
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<td>3 hrs</td>
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<tr>
<td>Required CGS 1060C Introduction to Computers or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Required STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>D: Social Foundations</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>E: Science Foundations</td>
<td></td>
</tr>
<tr>
<td>Select 1:</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Required BSC 2010C Biology I</td>
<td></td>
</tr>
<tr>
<td>Required CHM 2045C Chemistry Fundamentals I</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Common Program Prerequisites (CPP)</th>
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<td>See &quot;Common Prerequisites&quot; in the Transfer and Transitions Services section for more information.</td>
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</table>

<table>
<thead>
<tr>
<th>BSC 2010C Biology I</th>
<th>GEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2011C Biology II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2045C Chemistry Fundamentals</td>
<td>GEP</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>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>GEP</td>
</tr>
</tbody>
</table>

### Equipment Fees

- **Part-Time Student: $39 per term**
- **Full-Time Student: $78 per term**

**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](http://www.oecs.ucf.edu/aic/academic_learning_compacts.htm)

**3. Core Requirements: Basic Level (10 hrs)**

| Math, Statistics, Computers |       |
| Select 1:                   | 4 hrs |
| MAC 2311C Calculus with Analytic Geometry I or | |
| MAC 2253 Applied Calculus GEP | |

| Select 1: | 3 hrs |
| STA 2023 Statistical Methods I or | |
| CGS 1060C Introduction to Computers GEP | |

**Chemistry**

**Take all of the following:**

- CHM 2210 Organic Chemistry I and 3 hrs
- CHM 2211 Organic Chemistry II and 3 hrs
- CHM 2211L Organic Laboratory Techniques 2 hrs

**4. Core Requirements: Advanced Level (25 hrs)**

<table>
<thead>
<tr>
<th>Life Sciences: Advanced</th>
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<tbody>
<tr>
<td>MCB 3020C General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>PCB 3522 Molecular Biology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 4524 Molecular Biology II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 3403C Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select one of the following sequences of courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB 4280 Molecular Immunology and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PCB 3233L Immunology Laboratory</td>
<td>1 hr</td>
</tr>
<tr>
<td>or PCB 3233 Immunochemistry and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>or PCB 3233L Immunology Laboratory</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

| Select 1: | 3 hrs |
| MCB 4414 Microbial Metabolism or | |
| MCB 4410 Cellular Metabolism | 3 hrs |

**Chemistry**

| BCH 4053 Biochemistry I | 3 hrs |

### 5. Restricted Electives

<table>
<thead>
<tr>
<th>7 courses minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

| 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. |

| BCH 4054 Biochemistry II | 3 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 4512 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 4430C 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 Techniques 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 required 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

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 may be substituted with: BSC 3403C
■ 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

Plan of Study

Freshman Year - Fall 16 hrs
ENC 1101 Composition I 3 hrs
CHM 2045C Chemistry Fundamentals I 4 hrs
1 MAC 2311C Calculus with Analytic Geometry I 4 hrs
SLS 2311C Overview of Select Medical Careers 2 hrs
GEP 3 hrs

Sophomore Year - Fall 14 hrs
CHM 2210 Organic Chemistry I 3 hrs
MCB 3202 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 14 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
1 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.
### Biotechnology 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

The Biotechnology B.S. produces highly trained workers that will meet the workforce needs of the biotechnology industry. Students seeking admission to professional schools (medical, dental, optometry, veterinary, podiatry, and pharmacy) will meet most of the admission requirements for those programs while obtaining a Biotechnology B.S. 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.**
- **Students should consult with a Departmental advisor.**
- **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**
- **Grades below "C-" (1.75) in life science courses will not be accepted.**

#### Select one of the following sequences of courses:

<table>
<thead>
<tr>
<th>Select 1:</th>
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<tbody>
<tr>
<td>MCB 4414 Microbial Metabolism or PCB 4053 Biochemistry I</td>
<td>3 hrs</td>
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</table>

### Equipment Fees

- **Part-Time Student:** $39 per term
- **Full-Time Student:** $78 per term

#### Biotechnology B.S. Degree Programs

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<thead>
<tr>
<th>Select 1:</th>
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<tbody>
<tr>
<td>BCH 4053 College Physics II</td>
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<tr>
<th>Select 1:</th>
<th>3 hrs</th>
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<tbody>
<tr>
<td>PCB 3233L and PCB 4280 Molecular Immunology or PCB 3233 or Restricted Elective</td>
<td>3 hrs</td>
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<td>MCB 4414 Microbial Metabolism or PCB 4053 Biochemistry I</td>
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</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](http://www.oes.ucf.edu/alc/academic_learning_compacts.htm)

#### Senior Year - Fall

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#### Senior Year - Spring

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#### Senior Year - Fall

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<td>GEP</td>
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<td>Restricted Elective</td>
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<td>Restricted Elective</td>
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### Program Academic Learning Compacts

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  - [http://www.oes.ucf.edu/alc/academic_learning_compacts.htm](http://www.oes.ucf.edu/alc/academic_learning_compacts.htm)

#### Senior Year - Fall

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#### Senior Year - Spring

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#### Senior Year - Fall

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<td>3 hrs</td>
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<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
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</table>

### Core Requirements: Basic Level

- **None**

### Core Requirements: Advanced Level

#### Life Sciences

- **MCB 3020C General Microbiology**
- **PCB 3522 Molecular Biology I**
- **PCB 4524 Molecular Biology II**
- **BSC 3403C Quantitative Biological Methods**
- **MCB 4721C Methods in Biotechnology**
- **MCB 4720 Industrial Perspectives Seminar**
- **MCB 4312 Molecular Biotechnology**
- **PCB 4529C Experimental Molecular Cell Biology**
- **PCB 4174 Foundation of Bio-Imaging Science**

 Select one of the following sequences of courses:

- **PCB 4280 Molecular Immunology and Immunology Laboratory**
- **PCB 3233L Immunology Laboratory**
- **PCB 3233 Immunology and Immunology Laboratory**
- **PCB 4410 Cellular Metabolism**

### Chemistry

- **BCH 4053 Biochemistry I**
- **CHM 2046L Chemistry Fundamentals Laboratory**
- **CHM 2211L Organic Laboratory Techniques I**

### Physics

Select one of the following sequences of courses:

- **PHY 2053C College Physics I and College Physics II**
- **PHY 2048C Physics for Engineers & Scientists I and Physics for Engineers and Scientists II**

### Math

- **Select 1:**
  - **MAC 2311C Calculus with Analytic Geometry I or Applied Calculus**
  - **MAC 2233 College Algebra**

### UCF General Education Program (GEP)

#### A: Communication Foundations

- **Required:** ENC 1101 Composition I
- **Required:** ENC 1102 Composition II
- **Prefer:** SPC 1603C Fundamentals of Technical Presentations

#### B: Cultural & Historical Foundations

- **Select 1:**
  - **MAC 2311C Calculus with Analytic Geometry I or Applied Calculus**

#### C: Mathematical Foundations

- **Required:** STA 2023 Statistical Methods I

#### D: Social Foundations

- **Required:** MAC 2233 College Algebra

#### E: Science Foundations

- **Required:** CHM 2045C Chemistry Fundamentals I
- **Required:** BSC 2010C Biology I

#### 2. Common Program Prerequisites (CPP)

- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- **BSC 2011C Biology II**
- **CHM 2046 Chemistry Fundamentals II**
- **CHM 2210 Organic Chemistry I**
- **CHM 2211 Organic Chemistry II**
- **STA 2023 Statistical Methods I**
- **MAC 2311L Calculus with Analytic Geometry I**
- **PHY 2053C College Physics I**
- **PHY 2054C College Physics II**

#### 3. Core Requirements: Basic Level

- **None**

#### 4. Core Requirements: Advanced Level

- **52 hrs**

### Full-Time Student: $78 per term

### Part-Time Student: $39 per term
## 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 upon completion of research project.

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BCH 4054</td>
<td>Biochemistry II</td>
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</tr>
<tr>
<td>BCH 4103L</td>
<td>Biochemical Methods</td>
<td>2</td>
</tr>
<tr>
<td>MCB 3203</td>
<td>Pathogenic Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 4404</td>
<td>Bacterial Genetics and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 4207</td>
<td>Infectious Processes</td>
<td>3</td>
</tr>
<tr>
<td>MCB 4204</td>
<td>Cellular Microbiology: Host-Pathogen Interactions</td>
<td>3</td>
</tr>
<tr>
<td>MCB 4503C</td>
<td>Virology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 4603</td>
<td>Environmental Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 5225</td>
<td>Molecular Biology of Disease</td>
<td>3</td>
</tr>
<tr>
<td>MCB 5505</td>
<td>Molecular Virology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 5654</td>
<td>Applied Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 5932</td>
<td>Current Topics in Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>PCB 3063</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology</td>
<td>4</td>
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<tr>
<td>PCB 4521</td>
<td>Tissue Engineering</td>
<td>3</td>
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<tr>
<td>PCB 4805</td>
<td>Endocrinology</td>
<td>3</td>
</tr>
<tr>
<td>PCB 5238</td>
<td>Immunobiology</td>
<td>3</td>
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<tr>
<td>PCB 5275</td>
<td>Signal Transduction Mechanics</td>
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<td>PCB 5236</td>
<td>Cancer Biology</td>
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<td>MCB 4912</td>
<td>Directed Independent Research</td>
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<tr>
<td>MCB 4970H</td>
<td>Honors Undergraduate Thesis II</td>
<td>3</td>
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</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
- All 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 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
Senior 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:
PHY 2054C College Physics II or
1 PHY 2048C Physics for Engineers & Scientists I 4 hrs

1 *Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311C/2312 as prerequisites.

Junior Year - Fall
13 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:
PHY 2053C College Physics I or
1 PHY 2048C Physics for Engineers & Scientists I 4 hrs

1 *Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311C/2312 as prerequisites.

Senior Year - Fall
13 hrs
MCB 4721C Methods in Biotechnology 4 hrs
MCB 4312 Molecular Biotechnology 3 hrs
Restricted Elective or Elective 3 hrs

Select 1:
BCH 4053 Biochemistry I or
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
15 hrs
MCB 3202C General Microbiology 5 hrs
MCB 4720 Industrial Perspectives Seminar 3 hrs
Restricted Elective or Elective 3 hrs

Junior Year - Spring
12 hrs
PCB 4174 Foundation of Bio-Imaging Science 3 hrs
GEP 3 hrs
Restricted Elective or Elective 3 hrs

Select 1:
BCH 4053 Biochemistry I or
MCB 4414 Microbial Metabolism 3 hrs

For students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites.

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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 STA 2023 Principles of Microeconomics 3 hrs
Select 1: 3 hrs
Suggested ANT 2000 General Anthropology or PSY 2012 General Psychology 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
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 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
■ 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
■ Existing non-business minor offered at Regional Campuses
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
■ 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.
■ 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.
### Plan of Study

**Freshman Year - Fall**
- 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

**Senior Year - Fall**
- MAN 3025 Management of Organizations 3 hrs
- MAR 3203 Supply Chain and Operations Management 3 hrs
- Foreign Language 4 hrs
- Minor 3 hrs

**Minor or Elective 3 hrs**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ACG 2071 Principles of Managerial Accounting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EOC 2023 Principles of Microeconomics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CGS 2100C Computer Fundamentals for Business</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Social Foundation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Sophomore Year - Fall**
- 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

**Junior Year - Fall**
- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- MAR 3023 Marketing 3 hrs
- FIN 3403C Business Finance 3 hrs
- Minor 3 hrs

**Senior Year - Spring**
- ECO 3411 Quantitative Business Tools II 3 hrs
- GEB 3375 Introduction to International Business 3 hrs
- Foreign Language 4 hrs
- Minor 3 hrs

**Senior Year - Spring**
- ECO 2023 Principles of Financial Accounting 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- Cultural Foundation I 3 hrs
- Elective 3 hrs

**Senior Year - Fall**
- MAN 4720 Strategic Management 4 hrs
- BUL 3130 Legal and Ethical Environment of Business 3 hrs
- Minor 3 hrs

**Minor or Elective 3 hrs**

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**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.

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**Program Academic Learning Compacts**

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeras.ucf.edu/alc/academic_learning_compacts.htm

**Equipment Fees**

- Part-Time Student: $15 per term
- Full-Time Student: $30 per term

**Chemistry (B.S.)**

**College of Sciences**

**Department of Chemistry,**

**Physical Sciences, Room: 255**

http://chemistry.cos.ucf.edu/

**Email:** pedro.patino@ucf.edu

Dr. Pedro Patino
Phone: 407-823-2246

**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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</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 1603C Fundamentals of Technical Presentations</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**B: Cultural & Historical Foundations** (9 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Required MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Prefer STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**C: Mathematical Foundations** (7 hrs)

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<thead>
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</tr>
<tr>
<td>Prefer STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
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</table>

**D: Social Foundations** (6 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>Required PHY 2048C Physics for Engineers &amp; Scientists I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Required BSC 2010C Biology I</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

**UNIVERSITY OF CENTRAL FLORIDA**

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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 either:
- CHM 2045C Chemistry Fundamentals I 4 hrs
- 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
- CHM 2211 Organic Chemistry II 3 hrs
- CHM 2211L Organic Laboratory Techniques I 2 hrs
- MAC 2311C Calculus with Analytic Geometry I and CPP
- MAC 2312 Calculus with Analytic Geometry II and CPP
- PHY 2048C Physics for Engineers & Scientists I and GEP
- PHY 2049C Physics for Engineers and Scientists II 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.

Basic Core: Required, satisfies the CPP
Select either:
- CHM 2045C Chemistry Fundamentals I CPP
- or
- CHM 2040 Chemistry Fundamentals IA and CPP
- CHM 2041 Chemistry Fundamentals IB CPP

- and
- CHM 2046 Chemistry Fundamentals II 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 CPP

Core: Additional requirements
- BSC 2010C Biology I GEP
- MAC 2313 Calculus with Analytic Geometry III 4 hrs

- and either:
- STA 1063C Basic Statistics Using Microsoft Excel or GEP
- STA 2023 Statistical Methods I GEP

4. Core Requirements: Advanced Level (34 hrs)
- BCH 4053 Biochemistry I 3 hrs
- CHM 3120 Analytical Chemistry 3 hrs
- CHM 3120L Analytical Chemistry Laboratory 1 hr
- CHM 3211 Organic Laboratory Techniques II 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:
- 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.
- 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.
- 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
- 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
## 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

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
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<tr>
<td>MAC 2311C</td>
<td>Calculus with Analytic Geometry I</td>
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<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
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<tr>
<td>ENC 1101</td>
<td>Composition I</td>
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### Freshman Year - Spring

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<tr>
<td>CHM 2046</td>
<td>Chemistry Fundamentals II</td>
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<td>CHM 2046L</td>
<td>Chemistry Fundamentals Laboratory</td>
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<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II</td>
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<tr>
<td>ENC 1102</td>
<td>Composition II</td>
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<tr>
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### Sophomore Year - Fall

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<tbody>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
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<tr>
<td>PHY 2048C</td>
<td>Physics for Engineers &amp; Scientists I</td>
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<tr>
<td>MAC 2313</td>
<td>Calculus with Analytic Geometry III</td>
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<td>Statistics</td>
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### Sophomore Year - Spring

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<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
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<tr>
<td>CHM 2211L</td>
<td>Organic Laboratory Techniques I</td>
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</tr>
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<td>PHY 2049C</td>
<td>Physics for Engineers and Scientists II</td>
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<td>GEP</td>
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<td>Free Elective</td>
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### Junior Year - Fall

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<tbody>
<tr>
<td>BCH 4053</td>
<td>Biochemistry I</td>
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<tr>
<td>CHM 3120</td>
<td>Analytical Chemistry</td>
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<tr>
<td>CHM 3120L</td>
<td>Analytical Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHM 3215L</td>
<td>Organic Laboratory Techniques II</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHM 3410</td>
<td>Physical Chemistry I</td>
<td>4 hrs</td>
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<tr>
<td>GEP</td>
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### Junior Year - Spring

<table>
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<th>Hours</th>
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<tbody>
<tr>
<td>CHM 3411</td>
<td>Physical Chemistry II</td>
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</tr>
<tr>
<td>CHM 3411L</td>
<td>Physical Chemistry Laboratory</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHM 4130</td>
<td>Advanced Analytical Laboratory Technique</td>
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<tr>
<td>CHM 4610</td>
<td>Inorganic Chemistry</td>
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<tr>
<td>CHM 4130L</td>
<td>Advanced Analytical Chemistry Laboratory</td>
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<tr>
<td>Restricted Elective</td>
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<td>3 hrs</td>
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</tbody>
</table>

### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 4610L</td>
<td>Inorganic Chemistry Laboratory</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHM 4930</td>
<td>Chemistry Seminar I</td>
<td>1 hr</td>
</tr>
<tr>
<td>CHM 4912</td>
<td>Directed Independent Research</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td></td>
<td>2 hrs</td>
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<tr>
<td>Free Elective</td>
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### Senior Year - Spring

<table>
<thead>
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<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHM 4912</td>
<td>Directed Independent Research</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHM 4931</td>
<td>Chemistry Seminar II</td>
<td>1 hr</td>
</tr>
<tr>
<td>GEP</td>
<td></td>
<td>3 hrs</td>
</tr>
<tr>
<td>Free Elective</td>
<td></td>
<td>3 hrs</td>
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<tr>
<td>Free Elective</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.oead.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 who change degree programs and select this major must adopt the most current catalog.
- 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.

### Undergraduate Catalog 2014-2015
UCF Degree Programs

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)

C: Mathematical Foundations (7 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Prefer STA 2023 Statistical Methods I 3 hrs

D: Social Foundations (6 hrs)

E: Science Foundations (8 hrs)
- Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
- Required PHY 2048C Physics for Engineers & Scientists II 4 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 I 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 & Scientists I and 4 hrs
- 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
  - CHM 2040 Chemistry Fundamentals IA
  - CHM 2041 Chemistry Fundamentals IB

- and complete all the following 24 hrs
- CHM 2046 Chemistry Fundamentals II and 3 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
- 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 & Scientists I and 4 hrs
- PHY 2049C Physics for Engineers and Scientists II 4 hrs

Basic Core: Additional Requirements (10 hrs)
- BSC 2010C Biology I and 4 hrs
- CHM 3120 Analytical Chemistry and 3 hrs
- CHM 3120L Analytical Chemistry Laboratory and 1 hr
- CHM 3215L Organic Laboratory Techniques II and 2 hrs
- MAC 2313 Calculus with Analytic Geometry III and 4 hrs

- and either
  - STA 2023 Statistical Methods I or 3 hrs
  - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

4. Core Requirements: Advanced Level (37 hrs)
- BCH 4053 Biochemistry I 3 hrs
- BCH 4054 Biochemistry II 3 hrs
- BCH 4103C 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
- CHM 4610 Inorganic Chemistry 3 hrs
- 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

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

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.
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
- Forensic Science - Analysis Track
- Forensic Science - Biochemistry Track
- Biomedical Sciences

Certificates

- None

Related Minors

- Chemistry
- Biology
- 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

- The following Common Program Prerequisite courses may be satisfied by the following courses if taken prior to transferring to UCF:
  - CHM 2045C: May use CHM X040C plus CHM X041C.
  - Physics: Although the CPP allows substitution by other physics courses or Organic Chemistry, both the specified physics courses or Organic Chemistry classes are required in the major and will still have to 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 Chemistry, take Chemistry Placement Test ~ http://knightsource.sdes.ucf.edu/placement
- Prior to enrolling in Math, 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
- BSC 2010C Biology I  4 hrs
- ENC 1101 Composition I  3 hrs

Sophomore Year - Fall

- 14 hrs
- CHM 2210 Organic Chemistry I  3 hrs
- PHY 2048C Physics for Engineers & Scientists I  4 hrs
- MAC 2313 Calculus with Analytic Geometry III  4 hrs
- Statistics  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

Junior Year - Spring

- 13 hrs
- BCH 4054 Biochemistry II  3 hrs
- BCH 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 4930 Chemistry Seminar I  1 hr
- Restricted Elective  2 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

Civil Engineering (B.S.C.E.)

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

- 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 course 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.
   - 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 2049C Physics for Engineers & Scientists I GEP
   PHY 2049C Physics for Engineers & Scientists II 4 hrs

Select one of the following sequences of courses:
- Preferred course
  - CHS 1440 Principles of Chemistry 4 hrs
- First alternative: Select all of the following:
  - CHM 2040 Chemistry Fundamentals IA and 3 hrs
  - CHM 2041 Chemistry Fundamentals IB 3 hrs
- 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 3341 Mechanics of Materials 3 hrs
   - EGN 3343 Thermodynamics 3 hrs
   - EGN 3613 Economic and Financial Accounting 2 hrs
   - ENV 3001 Introduction to Environmental Engineering 3 hrs
   - WCE 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
   - CEG 4100C Structural Analysis I and Lab 4 hrs
   - CES 4001C Geotechnical Engineering Design or 3 hrs
   - CES 4702C Structural Design or 3 hrs
   - CWR 4632C Water Resources Engineering I 4 hrs
   - TTE 4812C Transportation Engineering Systems 3 hrs
   - CWR 4810C CESE Capstone Design 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 & Design 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
   - CEG Geotechnical Engineering Design or 3 hrs
   - CEG 4810C Structural Design or 3 hrs
   - CWR Water Resources Design or 3 hrs
   - ENV 4562C Environmental Engineering Water Treatment Design or 3 hrs
   - TTE 4601C Urban Systems Design 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
Related Programs
- Construction Engineering
- Environmental Engineering

Certificates
- None

Related Minors
- Mathematics
- Engineering Leadership

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 3 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

Discipline Depth 6 hrs
- 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

Design Elective 3 hrs
- CEG 4801C Geotechnical Engineering Design or 3 hrs
- CEG 4743C Structural Design or 3 hrs
- CWR 4812C Water Resources Design or 3 hrs
- ENV 4562C Environmental Engineering Water or Treatment Design or 3 hrs
- TTE 4601C Urban Systems Design 3 hrs

Senior Year - Spring 12 hrs
- GEP 3 hrs
- EGN 3343 Thermodynamics 3 hrs
- CGN 4808C CECE Capstone Design 3 hrs

Discipline Depth 3 hrs
- 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 or 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: $33 per term
- Full-Time Student: $66 per term

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.
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)
- Select 1: 3 hrs
- Select 1: 3 hrs

C: Mathematical Foundations (6 hrs)

D: Social Foundations (6 hrs)
- Select 1: 3 hrs
- Select 1: 3 hrs
- Select 1: 3 hrs

E: Science Foundations (6 hrs)
- Required PHY, PSC, or CHM course listed in GEP E.1
- Any BSC course listed in GEP E.2 or ANT 2511

2. Common Program Prerequisites (CPP)
- STA 2014C Principles of Statistics or
- STA 2023 Statistical Methods I

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (56 hrs)

Core Requirements 53 hrs
- DEP 2004C Developmental Psychology
- SPA 3471 Communication Disorders in Literature and Media
- SPA 3101 Physiological Bases of Speech and Hearing
- SPA 3112 Basic Phonetics
- SPA 3112L Basic Phonetics Lab
- LIN 3716 Language Development
- LIN 3716L Language Development Lab
- SPA 3011 Speech Science I: Production
- SPA 3011L Speech Production Lab
- SPA 3104 Neural Bases of Communication
- SPA 3123 Speech Science II: Perception
- SPA 3123L Speech Perception Lab
- SPA 4476 Speech Disorders Across the Lifespan
- SPA 4532 Audiology
- SPA 4478 Multicultural Aspects of Communication Disorders & Differences
- SPA 4400 Language Disorders Across the Life Span
- LIN 3713 Language Science
- SPA 4870C Capstone Course
- SPA 4326 Hearing Disorders Across the Lifespan

Select 1: 3 hrs
- EAB 3073C Principles of Behavior Modification
- EEX 4601 Introduction to Behavior Management
- EEC 4804 Classroom Management and Guidance of Young Children

EDF 3303 Learning Environments and Guidance for Young Children or
SPA 3472 Guidance of Young Children with Communication Disorders or
EEX 3450 Young Children With Special Needs

Statistics Requirement 3 hrs
- STA 2023 Statistical Methods I and
- STA 4165 Statistical Methods II

Option 1: 3 hrs
- STA 2023 Statistical Methods I and
- SPA 4803 Research Methods in Communication Sciences and Disorders

Option 2: 3 hrs
- STA 2023 Statistical Methods I and
- SPA 4803 Research Methods in Communication Sciences and Disorders

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.

B.A./B.S. Option:
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year in college. ASL I, II and III can also be used to fulfill this requirement.
- Students pursuing the B.S. degree must complete two upper division health sciences courses (six credit hours) approved by the department.

6. Capstone Requirements
- SPA 4870C Capstone 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
- 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.

Total Semester Hours Required
- 120

Honors In Major
- Interested students should consult with the undergraduate program coordinator.
### 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: 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
  - 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 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: 3 hrs
  - PHY, PSC, or CHM Course 3 hrs
  - Select 1: 3 hrs
    - 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: 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

#### 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: 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

#### Sophomore Year - Spring
- SPA 3472 3 hrs
- MGF 1106 Finite Mathematics or 3 hrs
- MAC 1105C College Algebra 3 hrs

#### Junior Year - Fall
- STA 3011C Principles of Statistics or 3 hrs
- STA 3023 Statistical Methods I or 3 hrs

#### Junior Year - Spring
- STA 3011C Principles of Statistics or 3 hrs
- STA 3023 Statistical Methods I or 3 hrs

#### Senior Year - Fall
- STA 4163 Statistical Methods II or 3 hrs
- SPA 4870C Capstone Course or 3 hrs
- SPA 4326 3 hrs
- Select 1: 3 hrs
  - EAB 3703C Principles of Behavior Modification or 4 hrs
  - EDF 3303 Learning Environments and Guidance for Young Children or 3 hrs
  - EEX 3450 Young Children With Special Needs or 3 hrs
  - EEX 4601 Introduction to Behavior Management or 3 hrs
  - EEC 4604 Classroom Management and Guidance of Young Children or 3 hrs
  - SPA 3472 Guidance of Young Children with Communication Disorders 3 hrs

#### Senior Year - Spring
- SPA 4476 3 hrs
- SPA 4400 Language Disorders Across the Life Span or 3 hrs
- SPA 4478 Multicultural Aspects of Communication Disorders & Differences 3 hrs

#### 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.
- Program of Study Acceptable Substitutes for Transfer Courses

#### 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

#### 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: $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 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: 3 hrs
   Prefer ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics 3 hrs
   Prefer ECO 2013 Principles of Macroeconomics or 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 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 is required for those course indicated.

   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

   Select 1: 4 hrs
   2 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.
   2 Preferred

3. Core Requirements: Basic Level (2 hrs)

   The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.25 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 GEP

   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
   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
   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
   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

   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

   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

Certificates
- None

Related Minors
- Information Technology
- Computer Science
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Engineering Leadership
- Mathematics
- 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 (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

Select 1: 3 hrs
- EGS 1006C Introduction to the Engineering Profession 1 hr
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- GEP - Historical Foundation 3 hrs

Select 2: 3 hrs
- SPC 1603C Fundamentals of Technical Presentations 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs

Sophomore Year - Fall
- PHY 2049C Physics for Engineers & Scientists I 4 hrs
- EGN 3211 Engineering Analysis and Computation 3 hrs
- EGN 3310 Engineering Analysis-Statics 3 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- GEP - Historical Foundation 3 hrs

Sophomore Year - Spring
- EEL 3123C Networks and Systems 4 hrs
- EEL 3801C Computer Organization 3 hrs
- GEP - Cultural Foundation 3 hrs

Junior Year - Fall
- COP 3330 Object Oriented Programming 3 hrs
- COP 3502C Computer Science I 3 hrs
- STA 3052 Probability and Statistics for Engineers 3 hrs
- EEE 3307C Electronics I 4 hrs

Select 1: 3 hrs
- EGN 3321 Engineering Analysis-Dynamics or 3 hrs
- EGN 3358 Thermo-Fluids-Heat Transfer 3 hrs

Junior Year - Spring
- COP 3503C Computer Science II 3 hrs
- EEL 4742C Embedded Systems 4 hrs
- EEL 4768 Computer Architecture 3 hrs
- GEP - Social Foundation 3 hrs

Senior Year - Fall
- COP 4331C Processes for Object-Oriented Software Development 3 hrs
- EEL 4914 Senior Design I 3 hrs
- Restricted Elective 3 hrs

Select 1: 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs

Senior Year - Spring
- COP 4600 Operating Systems 3 hrs
- EEL 4915L Senior Design II 3 hrs
- EEL 4781 Computer Communication Networks 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: $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 the 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
- Of the 24 Residency hours must be at the 4000-5000 level
- Students must earn at least a 2.0 in each course 2-5

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: 3 hrs
   Prefer SPC 1603C Fundamentals of Technical Presentations

   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)
   Prefer BSC 2010C Biology I 4 hrs
   Prefer PHY 2048C Physics for Engineers & Scientists I 4 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 & Scientists II 4 hrs
   Select 2: 6 hrs
   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 Geology I 4 hrs
   CHM 2045C Chemistry Fundamentals I or Physical Chemistry I 4 hrs
   CHM 2046 Chemistry Fundamentals II or Physical Chemistry II 3 hrs
   PHY 3101 Physics for Engineers and Scientists I or University Physics I 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
   COP 3100C Introduction to Discrete Structures 3 hrs
   CIS 3360 Security in Computing 3 hrs
   COP 3402 Systems Software 3 hrs
   COP 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
   EEL 4768 Computer Architecture 3 hrs
   COP 4765 Object-Oriented Programming III 3 hrs
   COP 4860 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 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
   MAC 2402 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.

   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. Restricted 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.
### UCF Degree Programs

#### Plan of Study

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<th>Year</th>
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<th>Credit Hours</th>
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#### Related Programs
- Computer Engineering
- Information Technology

#### Certificates
- None

#### Related Minors
- Information Technology
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Interdisciplinary Informatics Technology

#### Advising Notes
- The Computer Science 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.

#### 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

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<tr>
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#### 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: $9 per term
- Full-Time Student: $18 per term

### Construction Engineering (B.S.Con.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. Amr A. Oloufa, amr.oulofa@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 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

- 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 |
## UCF Degree Programs

### C: Mathematical Foundations
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs
- Required STA 3032 Probability and Statistics for Engineers 3 hrs

### D: Social Foundations
- Select one class from Social Foundation Group 1 3 hrs
- Select one course from Social Foundation Group 2 3 hrs

### E: Science Foundations
- 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

### 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
2. EGN 3321 Engineering Analysis-Dynamics 3 hrs
3. EGN 3331 Mechanics of Materials 3 hrs
4. STA 3032 Probability and Statistics for Engineers GEP
5. EGN 3613 Engineering Economic Analysis 2 hrs
6. ENV 3001 Introduction to Environmental Engineering 3 hrs
7. CWR 3201 Engineering Fluid Mechanics 3 hrs
8. CCE 4403 Introduction to the Construction Industry 3 hrs
9. CCE 4304 Construction Estimating and Scheduling 3 hrs
10. CCE 4810C Construction Design Project 3 hrs
11. CES 4702 Reinforced Concrete Structures 3 hrs

### 5. Restricted Electives (3 hrs)
- Technical electives are available in the BScConE 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
  2. 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 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 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.

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1. A “C” (2.0) or better is required in this course.
UCF Degree Programs

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 (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
- 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
- ENC 1102 Composition II 3 hrs
- GEP 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

Sophomore Year - Fall
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- CHS 1440 Principles of Chemistry 4 hrs
- EGN 3310 Engineering Analysis-Statistics 3 hrs
- EGN 3613 Engineering Economic Analysis 2 hrs
- GEP 3 hrs

Sophomore Year - Spring
- MAP 2302 Ordinary Differential Equations 3 hrs
- EGN 3331 Mechanics of Materials 3 hrs
- PHY 2049C Physics for Engineers & Scientists II 4 hrs
- ENV 3001 Introduction to Environmental Engineering 3 hrs
- GEP 3 hrs

Sophomore Year - Summer
- CCE 4003 Introduction to the Construction Industry 3 hrs
- CWR 3201 Engineering Fluid Mechanics 3 hrs
- EGN 3321 Engineering Analysis-Dynamics 3 hrs

Junior Year - Fall
- CES 4100C Structural Analysis I and Lab 4 hrs
- GEP 3 hrs
- CCE 4034 Construction Estimating and Scheduling 3 hrs
- CCE 4813 Mechanical and Electrical Systems for Buildings 4 hrs
- STA 3032 Probability and Statistics for Engineers 3 hrs

Junior Year - Spring
- CCE 4004 Construction Methods 3 hrs
- CCE 4402 Construction Equipment and Productivity 3 hrs
- CGN 3501C Civil Engineering Materials 3 hrs
- CGN 3700C Civil Engineering Measurements 4 hrs

Concrete or Steel
- CES 4805 Steel Structures or 3 hrs
- CES 4702 Reinforced Concrete Structures 3 hrs

Senior Year - Fall
- CCE 4810C Construction Design Project 3 hrs
- CWR 4632C Water Resources Engineering I 4 hrs
- Approved Technical Elective 3 hrs

Select 1: 3 hrs
- CEG 4011C Geotechnical Engineering I or 4 hrs
- TTE 3810 Highway Engineering 3 hrs

Senior Year - Spring
- CGN 4808C CECE Capstone Design 3 hrs
- ACG 2071 Principles of Managerial Accounting 3 hrs
- GEP 3 hrs

Select 1: 3 hrs
- Take subsequent course to one selected in Fourth Year
- Fall
- CEG 4012 Geotechnical Engineering II or 3 hrs
- TTE 4274 Transportation Engineering Systems 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: $33 per term
- Full-Time Student: $66 per term

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:
- Suggested CGS 1060C Introduction to Computers or 3 hrs
- Suggested STA 1063C Basic Statistics or 3 hrs
- Suggested STA 2014C Principles of Statistics 3 hrs

Select 1:
- 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 (21 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
## UCF Degree Programs

### 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
- 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
- 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

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### Transfer Notes
- “D” (1.0) grades are not accepted.

#### Acceptable Substitutes for Transfer Courses
- None

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### Plan of Study

#### Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- 1. PAF 2102 Public Affairs Careers 2 hrs

#### Select 1:
- MGF 1106 Finite Mathematics or 3 hrs
- MAC 1105C College Algebra or 3 hrs

#### Select 1:
- PSY 2012 General Psychology or 3 hrs
- SYG 2000 Introduction to Sociology or 3 hrs
- ANT 2000 General Anthropology 3 hrs

#### Sophomore Year - Fall
- CCJ 4701 Research Methods in Criminal Justice 3 hrs
- CJC 3010 Corrections and Penology 3 hrs
- CJ 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

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#### 1. CJE 3001 Optional Replacement for PAF 2102

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#### Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- CGS 1060C Introduction to Computers 3 hrs

#### Select 1:
- PSC 1121 Physical Science or 3 hrs
- CHM 1020 Concepts in Chemistry 3 hrs

#### Select 1:
- PHI 2010 Introduction to Philosophy or 3 hrs
- MUL 2010 Enjoyment of Music 3 hrs

#### Sophomore Year - Spring
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- CCJ 3014 Crime in America 3 hrs

#### Select 1:
- EUI 2001 Western Civilization II or 3 hrs
- HUM 2230 Humanistic Tradition II or 3 hrs
- AMH 2020 U.S. History: 1892-1877 3 hrs

#### Select 1:
- BSC 1005C College Algebra or 3 hrs
- MGF 1106 Finite Mathematics or 3 hrs
- MAC 1105C College Algebra or 3 hrs

#### Sophomore Year - Fall
- AMH 2010 U.S. History: 1492-1877 3 hrs
- HUM 2210 Humanistic Tradition I or 3 hrs
- EUH 2000 Western Civilization I or 3 hrs

#### Select 1:
- 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

#### Junior Year - Fall
- ENC 1102 Composition II 3 hrs
- MCB 1310 Introduction to Biotechnology and Genetic Engineering or 3 hrs
- CCJ 3014 Crime in America 3 hrs
- TCW 1000 Introduction to Journalism 3 hrs

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### University Minimum Exit Requirements
- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 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.

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### Related Programs
- Legal Studies

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### Certificates
- Crime Analysis and Crime Mapping
- Criminal Profiling
- Security Management
- Crime Scene Investigation
- Victim Advocacy

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### Related Minors
- Legal Studies
- Public Administration
- Psychology

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### Advising Notes
- None
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. UCF General Education Program (GEP) (36 hrs)
2. Common Program Prerequisites (CPP)  
3. Core Requirements: Basic Level  
4. Core Requirements: Advanced Level (33 hrs)  
5. Restricted Electives (27 hrs)  
6. Capstone Requirements  
7. Foreign Language Requirements

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.cohta.ucf.edu/crim.jus/
Email: cjadvise@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 of 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
   Suggested CJS 1060C Introduction to Computers or STA 1063C Basic Statistics Using  3 hrs
   Suggested STA 1063C Basic Statistics Using  3 hrs
   Suggested STA 1063C Basic Statistics Using or Microsoft Excel or STA 2014C Principles of Statistics  3 hrs
   Select 1
   Suggested MGF 1106 Finite Mathematics or MGF 1107 Explorations in Mathematics  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)  
   3. Core Requirements: Basic Level  
   4. Core Requirements: Advanced Level (33 hrs)  
   5. Restricted Electives (27 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) 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.

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.
# UCF Degree Programs

## 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
- Students are not accepted into Internship Program with grades less than a “C” in core courses.
- “D” (1.0) grades are not accepted.

## Transfer Notes
- None

## Plan of Study

### Freshman Year - Fall
- ENC 1101 Composition I
- MGF 1106 Finite Mathematics or College Algebra
- Select 1: 3 hrs
- Select 2: 3 hrs
- Select 3: 3 hrs

### Freshman Year - Spring
- ENC 1102 Composition II
- GFS 1060C Introduction to Computers
- Select 1: 3 hrs
- Select 2: 3 hrs
- Select 3: 3 hrs

### Sophomore Year - Fall
- SPC 1608 Fundamentals of Oral Communication
- Free Elective/CCJ 3014
- Select 1: 3 hrs
- Select 2: 3 hrs
- Select 3: 3 hrs

### Sophomore Year - Spring
- CCJ 3024 Criminal Justice System
- CJL 3510 Prosecution and Adjudication
- Restricted Elective
- Restricted Elective
- Supporting Elective

### Junior Year - Fall
- Admissions to scholars track requires 3.0 overall GPA
- CCJ 4701 Research Methods in Criminal Justice
- CCJ 3010 Corrections and Penology
- CCJ 4934 Emergent Criminal Justice Issues
- CJ Elective

### Junior Year - Spring
- CCJ 4746 Data Analysis for Criminal Justice
- CCJ 4934 Emergent Criminal Justice Issues

### Senior Year - Fall
- CCJ 3024 Criminal Justice System
- Supporting Elective
- CJ Elective
- Free Elective

### Senior Year - Spring
- Free Elective
- Free Elective
- CCJ 4934 Emergent Criminal Justice Issues

## Program Academic Learning Compacts
- College of Arts and Humanities
- Digital Media (B.A.)

## Digital Media (B.A.)

### School of Visual Arts and Design
- Visual Arts Building, Room: 117
- 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.

### 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)

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 one additional course from approved list 3 hrs

C: Mathematical Foundations (7 hrs)
   Required: COP 2500C Concepts in Computer Science 4 hrs
   Required: MAC 1105C College Algebra 3 hrs

1 (May substitute more advanced version)

2. Common Program Prerequisites (CPP) (6 hrs)
   ARH 2050 History of Western Art I
   ARH 2051 History of Western Art II
   ART 2201 Design Fundamentals-Two Dimensional 3 hrs
   ART 2300C Drawing Fundamentals I 3 hrs
   COP 2500C Concepts in Computer Science
   MAC 1105C College Algebra

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 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)
   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 3 hrs
   COP 3330 Object Oriented Programming and 3 hrs
   DIG 4630C Media Business Practices and 3 hrs
   DIG 4713 Game Design and 3 hrs
   DIG 4715C Game Production and 3 hrs
   DIG 4720C Casual Game Production and 3 hrs
   FIL 3720C Introduction to Animation and 3 hrs
   GRA 2151C Illustration 3 hrs

Game Design: Restricted Electives 18 hrs
   Complete 18 hours of credits from the following areas:
   12 Additional hrs of 3000 or 4000 level courses from ART, 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 3 hrs
   DIG 3503 Information Management and 3 hrs
   DIG 3716C Internet Interaction and 3 hrs
   DIG 3811 User-Centered Design and 3 hrs
   DIG 4503 Rapid Application Development and 3 hrs
   DIG 4530C Media for e-Commerce and 3 hrs
   DIG 4630C Media Business Practices and 3 hrs
   GRA 3803C Intermediate Computer Graphic Design 3 hrs

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, 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 requirements.
   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
    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
   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.
### UCF Degree Programs

#### Acceptable Substitutes for Transfer Courses
- None

#### Plan of Study
- None

#### Game Design

<table>
<thead>
<tr>
<th>Year</th>
<th>Term</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year - Fall</td>
<td>15 hrs</td>
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| Web Design

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### Sophomore Year - Fall
- **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
- **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
- **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
- **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
- **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
- **DIG 4104C** Web Design Workshop (3 hrs)
- **DIG 4530** 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](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/ece/](http://education.ucf.edu/ece/)

**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 continuously reviewed by faculty. This degree culminates in a semester-long internship.
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.

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.

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 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 204C 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 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

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
  - Select 1: 3 hrs
    - 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 2080 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.
- EEC 4604 Classroom Management and Guidance of Young Children 3 hrs
- EEC 4207 Assessment and Evaluation of Young Children 3 hrs
- TSL 4240 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.
- EEC 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.

- **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
- **EEC 4235C** Early Childhood Education Seminar: Bridging Theory to Practice 3 hrs

#### 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-5.066.
- **EEC 4943** Student Teaching 12 hrs

5. **Restricted Electives**
- None

6. **Capstone Requirements**
- None

7. **Foreign Language Requirements**

- 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 of the Florida Teacher Certification Examination. See 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

**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 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 1:
- **STA 2014C** Basic Statistics Using Microsoft Excel 3 hrs
- **STA 1063C** Basic Statistics Using Microsoft Excel 3 hrs
- **GEA B1 Elective (Preferred AMH 2010)** 3 hrs

#### Sophomore Year - Spring 12 hrs
1. **EDF 2130** Child and Adolescent Development for Educators 3 hrs
2. **ECC 2732** Health, Safety, and Nutrition for Young Children 3 hrs
3. **GEP B3 Elective (Preferred AMH 2020)** 3 hrs
4. **Elective** 3 hrs

#### Junior Year - Fall 15 hrs
- Highly recommend to take and pass PEd Test and PK-3 subject area exam at the FTCE. Refer to http://www.fldoe.org for test dates and sites.

#### Sophomore Year - Summer
- Satisfaction of the GKT is required for admission to the program and thus must be completed prior to the Junior Year. Refer to http://www.fldoe.org for test dates and sites.

#### Junior Year - Fall 15 hrs
- http://www.clinicalexperiences.education.ucf.edu
- 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
- **TSL 4080** Theory and Practice of Teaching ESOL Students in Schools 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)

### 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/](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.

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### 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 ENGL 1101 Composition I 3 hrs
- Required ENGL 1102 Composition II 3 hrs
- Prefer SPCH 1608 Fundamentals of Oral Communication 3 hrs

**B: Cultural & Historical Foundations (9 hrs)**
- General Education Program elective from section B1: 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 B2: 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

- Select 1: 3 hrs
  - Prefer STA 1063C Basic Statistics Using Excel or 3 hrs
  - Prefer STA 2014C Principles of Statistics 3 hrs

**D: Social Foundations (6 hrs)**
- General Education Program elective: Prefer PSY 2012 General Psychology 3 hrs
- Prefer PSY 2041 American National Government 3 hrs

**E: Science Foundations (6 hrs)**
- Prefer ENC 1101 Composition I 3 hrs
- Prefer ENC 1102 Composition II 3 hrs

- Select 1: 3 hrs
  - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
  - Prefer SPC 1609 Advanced Oral Communication 3 hrs

- Select 1: 3 hrs
  - Prefer ANT 2511 The Human Species or 3 hrs
  - Prefer BSC 1000C Biological Foundations or 3 hrs

- Select 1: 3 hrs
  - Prefer BSC 1005 Biological Principles 3 hrs
  - Prefer PSC 1101 Organizational Behavior 3 hrs
  - Prefer POS 2041 American National Government 3 hrs

**2. Common Program Prerequisites (CPP) (6 hrs)**
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
- EDU 2085 Introduction to Diversity for Educators 3 hrs
- DEP 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
  - Prefer EDF 2120 Child and Adolescent Development for Educators or 3 hrs
  - Prefer 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.

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**Junior Year - Spring**  
15 hrs  
EEC 4604 Classroom Management and Guidance of Young Children 3 hrs  
EEC 4207 Assessment and Evaluation of Young Children 3 hrs  
TSL 4240 Issues in Second Language Acquisition 3 hrs  
EEC 4268 Curriculum Activities in Early Childhood 3 hrs  
EXE 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 (PDT) 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).

EEC 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  
EEC 4235C Early Childhood Education Seminar: Bridging Theory to Practice 3 hrs

**Senior Year - Spring**  
12 hrs  
EEC 4943 Student Teaching 12 hrs

---

**Complete Child Development prerequisite courses 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit 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>EEX 4751</td>
<td>Parent Involvement in Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>Restricted Elective with Advisor approval</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

| Total Semester Hours Required | 15 hrs |

### Semester II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4604</td>
<td>Classroom Management and Guidance of Young Children</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>EEX 3450</td>
<td>Young Children With Special Needs</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 3008</td>
<td>Early Childhood Children’s Literature</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

| Total Semester Hours Required | 15 hrs |

### Semester III

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

| Total Semester Hours Required | 6 hrs |

### Semester IV

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET 4050C</td>
<td>Motor Development and Learning</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4414</td>
<td>Parent-Child Relations</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

| Total Semester Hours Required | 12 hrs |

### Select Two Early Childhood Development Track Electives

- Note: Students must consult with their advisor regarding approval for other elective options.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4288</td>
<td>Curriculum Activities in Early Childhood or Childhood or EXP 3604C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEC 4524</td>
<td>Organization and Management in Early Childhood or EXP 3604C</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PED 3041</td>
<td>Games Analysis or</td>
<td>4 hrs</td>
</tr>
<tr>
<td>PET 3820</td>
<td>Teaching Sports Skills I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4640</td>
<td>Adapted Physical Education or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4710</td>
<td>Methods for Physical Activity for Children or Adolescents or TSL 4080</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SOW 3104</td>
<td>Assessing I: Human Development or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

| Total Semester Hours Required | 6 hrs |

### Semester V

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4940</td>
<td>Practicum: Early Childhood Development</td>
<td>12 hrs</td>
</tr>
</tbody>
</table>

| Total Semester Hours Required | 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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2511</td>
<td>The Human Species</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 1005</td>
<td>Biological Principles or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

| Total Semester Hours Required | 120 |

### 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 for electives selection.
- 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MGF 1106</td>
<td>Finite Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
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<td>Introduction to Diversity for Educators</td>
<td>3 hrs</td>
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<tr>
<td>ENC 1102</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSC 1121</td>
<td>Physical Science</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>

### Freshman Year - Summer

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARE 2000</td>
<td>Early Childhood Art and Creativity</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUE 2211</td>
<td>Early Childhood Music and Movement</td>
<td>3 hrs</td>
</tr>
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</table>

### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>REL 2300</td>
<td>World Religions</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 2010</td>
<td>Introduction to Philosophy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LIT 2110</td>
<td>World Literature I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LIT 2120</td>
<td>World Literature II</td>
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### Freshman Year - Summer

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
<td>3 hrs</td>
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</table>

### Select 1: 3 hrs

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BSC 1005</td>
<td>Biological Principles or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 2511</td>
<td>The Human Species</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Related Programs

- None

### Related Minors

- None

### Advising Notes

- None

### 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

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### Freshman Year - Spring

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</tr>
<tr>
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</tr>
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### Related Programs

- None

### Related Minors

- None

### Advising Notes

- None

### 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

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### Freshman Year - Spring

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### Select 1: 3 hrs

<table>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>BSC 1005</td>
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<td>3 hrs</td>
</tr>
<tr>
<td>ANT 2511</td>
<td>The Human Species</td>
<td>3 hrs</td>
</tr>
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</table>
Select 1:  3 hrs
STA 2014C Principles of Statistics or  3 hrs
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
EEC 4402 Cultural and Family Systems  3 hrs
EEC 3450 Young Children With Special Needs  3 hrs
EEC 3008 Early Childhood Children’s Literature  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 4414 Parent-Child Relations  3 hrs
EEC 4751 Parent Involvement in Education  3 hrs
Restricted Elective with Advisor approval (3/4XXX level)  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.oeeas.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 meeting UCF and the Early Childhood Careers Career Track Admission Requirements. Students will take a variety of courses related to early childhood careers and the roles professionals serve in furthering quality early childhood programming. Students will be prepared to work with infants, children and families in diverse early childhood settings. The program will prepare students with a solid knowledge base in the overall development of children that meets 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 Careers in the Early Childhood Development and Education B.S. degree 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  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  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 2014C 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 PSC 1121 Physical Science  3 hrs

Select 1:  3 hrs
Prefer ANT 2511 The Human Species  3 hrs
Prefer BSC 1005 Biological Principles  3 hrs

2. Common Program Prerequisites (CPP)
- None
3. Core Requirements: Basic Level (18 hrs)

- EDF 2085 Introduction to Diversity for Educators 3 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

Select 1:
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- DEP 2004C Developmental Psychology 3 hrs

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.

- 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
- PET 4050C Motor Development and Learning 3 hrs
- EEC 3008 Early Childhood Children’s Literature 3 hrs
- EEX 3450 Young Children With Special Needs 3 hrs
- EEC 3613 Observation and Assessment of Young Children 3 hrs
- EEC 4402 Cultural and Family Systems 3 hrs
- EEC 4303 Planning Creative Activities in Early Childhood Education 3 hrs
- EEC 4528 Infant/Toddler Care and Education 3 hrs
- EEC 4414 Parent-Child Relations 3 hrs
- EEC 4211 Science and Math Learning for Young Children 3 hrs
- EEC 4260 Early Childhood Program Evaluation 3 hrs
- EEC 4314 Effective Practices for Guiding Young Children’s Behavior 3 hrs
- EEC 4942 Practicum: Early Childhood Careers 9 hrs

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

- 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.

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.
- 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

Assuming general education and admission requirements for Track 3: Early Childhood Careers are complete

Follow the recommended Plan of Study

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
- PET 4050C Motor Development and Learning 3 hrs
- Restricted Elective with Advisor approval 3 hrs

82 Undergraduate Catalog 2014-2015
Senior Year - Fall 12 hrs
EEC 3008 Early Childhood Children’s Literature 3 hrs
EEX 3450 Young Children With Special Needs 3 hrs
EEC 3613 Observation and Assessment of Young Children 3 hrs
EEC 4402 Cultural and Family Systems 3 hrs
Restricted Elective with Advisor approval 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
EEC 4414 Parent-Child Relations 3 hrs
EEC 4211 Science and Math Learning for Young Children 3 hrs
EEC 4260 Early Childhood Program Evaluation 3 hrs
EEC 4314 Effective Practices for Guiding Young Children’s Behavior 3 hrs

Senior Year - Spring 12 hrs
Restricted Elective (3/4XXX level with Advisor approval) 3 hrs
EEC 4942 Practicum: Early Childhood Careers 9 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

Economics (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
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) (36 hrs)
A: Communication Foundations (9 hrs)
Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
B: Cultural & Historical Foundations (9 hrs)
Required STA 2023 Statistical Methods I 3 hrs
C: Mathematical Foundations (6 hrs)
Required MAC 1105C College Algebra 3 hrs

D: Social Foundations (6 hrs)
Select 1:
Required ECO 2013 Principles of Macroeconomics 3 hrs
or
Required ECO 2023 Principles of Microeconomics 3 hrs
Select 1:
Suggested ANT 2000 General Anthropology or 3 hrs
Suggested PSY 2012 General Psychology or 3 hrs
Suggested SYG 2000 Introduction to Sociology 3 hrs

2. Common Program Prerequisites (CPP) (3 hrs)
See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
ECO 2013 Principles of Macroeconomics GEP
ECO 2023 Principles of Microeconomics 3 hrs

3. Core Requirements: Basic Level
None

4. Core Requirements: Advanced Level (12 hrs)
ECO 3101 Intermediate Microeconomics 3 hrs
ECO 3203 Intermediate Macroeconomics 3 hrs

Select one of the following sequences of courses:
ECO 3401 Quantitative Business Tools I 3 hrs
or
MAC 2233 Concepts of Calculus and 3 hrs
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 (27 hrs)
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
EPC 4403 Industrial Organization and Game Theory 3 hrs
ECO 4934 Topics in Econometrics 3 hrs

6. Capstone Requirements (1 hr)
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.
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.

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
- ENC 1101 Composition I 3 hrs
- MAC 1106 College Algebra 3 hrs
- ECO 2013 Principles of Macroeconomics 3 hrs
- Free Elective 3 hrs
- Cultural Foundation (GEP) 3 hrs

Freshman Year - Spring
- ECO 2401 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
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- ECO 3401 Quantitative Business Tools I 3 hrs
- ECO Elective (MAJ) 3 hrs
- Free Elective 3 hrs

Sophomore Year - Spring
- Foreign Language 4 hrs
- History (GEP) 3 hrs
- General Education (GEP) 3 hrs
- Free Elective 3 hrs

Junior Year - Fall
- ECO 3101 Intermediate Microeconomics 3 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- Free Elective 3 hrs

Junior Year - Spring
- Foreign Language II 4 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Senior Year - Fall
- ECO 4802 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
- 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.oears.ucf.edu/alc/academic_learning_comparts.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, B2 302Q, mcaputo@bus.ucf.edu, 407-823-1405
David Scrogin, B2 302U, 407-823-4129
Nora Underwood, B2 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-admitance 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 Macroconomics
       - Prefer ECO 2033 Principles of Microeconomics
     - Select 1: 3 hrs
       - Suggested ANT 2000 General Anthropology or
       - Suggested PSY 2012 General Psychology or
       - Suggested SYG 2000 Introduction to Sociology
   - **E: Science Foundations** (6 hrs)
     - Required MAC 2233
   - **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 2033 Principles of Microeconomics 3 hrs
     - Select one of the following sequences of courses:
       - Students must receive a “C” (2.0) or better in MAC 2233 and STA 2023 to be waived from 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
       - 1 or MAC 2311 and MAC 2312
   - **3. Core Requirements: Basic Level**
     - None
   - **4. Core Requirements: Advanced Level** (35 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 Must be taken in 1st or 2nd semester.
     - 2 Required to be taken with GEB 3031

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:
     - 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
     - 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
     - ECO 4934 Topics in Econometrics 3 hrs
     - ECP 4530 Health Economics 3 hrs

For 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
- ECO 4403 Industrial Organization and Game Theory 3 hrs
- ECO 4934 Topics in Econometrics 3 hrs

6. **Capstone Requirements** (5 hrs)
   - ECO 4902 Capstone in Economics 1 hr
   - 1 MAN 4720 Management Strategy 4 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**
   - 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.
   - Final exams will be given during Exam Week.
   - Students must have at least a 2.0 GPA in the COB and 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 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.
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 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 Managerial Accounting 3 hrs
ECO 3401 Quantitative Business Tools I 3 hrs
ECON 2213 Principles of Managerial Economics 3 hrs
Elective 3 hrs

Sophomore Year - Spring 15 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
ECO 3401 Quantitative Business Tools II 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
ECO 3411 Quantitative Business Tools II 3 hrs
MAR 3023 Marketing 3 hrs

Junior Year - Spring 16 hrs
ECO 3101 Intermediate Microeconomics 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
MAN 3025 Management of Organizations 3 hrs
GEB 3005 Career Search Strategy 1 hr
Elective 3 hrs

Senior Year - Fall 16 hrs
ECO 3203 Intermediate Macroeconomics 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
GEB 3375 Introduction to International Business 3 hrs
BUL 3130 Legal and Ethical Environment of Business 3 hrs
GEB 4223 Business Interviewing Techniques 1 hr

Senior Year - Spring 15 hrs
ECO 4902 Capstone in Economics 1 hr
Restricted Elective 3 hrs
Restricted Elective 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

Electrical Engineering (B.S.E.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 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 I 3 hrs

Select 1: 3 hrs
- Prefer SPC 1603C Fundamentals of Technical Presentations or
- 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
- Prefer ECO 2013 Principles of Macroeconomics or 3 hrs
- Prefer ECO 2023 Principles of Microeconomics or 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 and Scientists II 4 hrs
- Suggested SPC 1603C Fundamentals of Technical Presentations or 3 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 2312 Calculus with Analytic Geometry II 4 hrs
3. MAC 2313 Calculus with Analytic Geometry III 4 hrs
4. PHY 2048C Physics for Engineers & Scientists I GEP
5. PHY 2049C Physics for Engineers and Scientists II 4 hrs
6. MAP 2302 Ordinary Differential Equations I 3 hrs

Select 1: 4 hrs
- Preffer CHS 1440 Principles of Chemistry or 4 hrs
- 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 of 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 1907C 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 3303 Probability and Statistics for Engineers GEP
- PHY 3101 Physics for Engineers and Scientists III 3 hrs

Select 1: 3 hrs
- EGN 3321 Engineering Analysis-Dynamics or 3 hrs
- EGN 3356 Thermo-Fluids-Heat Transfer 3 hrs

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 3370C Electronics I 4 hrs
- EEE 3342C Digital Systems 3 hrs
- EEL 3470 Electromagnetic Fields 3 hrs
- EEL 3552C Analog and Digital Communication Fundamentals 4 hrs
- EEL 3567 Linear Control Systems 3 hrs
- EEL 3801C Computer Organization 3 hrs
- EEE 4309C Electronics II 4 hrs
- EEL 4750 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)

- 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

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
UCF Degree Programs

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

Freshman Year - Fall 15 hrs
- 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
- SPC 1603C Fundamentals of Technical Presentations 3 hrs
- or
- SPC 1608 Fundamentals of Oral Communication 3 hrs

Select 1:
- CHS 1440 Principles of Chemistry or 4 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs

Sophomore Year - Fall 14 hrs
- ENC 1102 Composition II 3 hrs
- PHY 2049C Physics for Engineers & Scientists II 4 hrs
- EGN 3310 Engineering Analysis-Statics 3 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs

Sophomore Year - Spring 15 hrs
- PHY 3101 Physics for Engineers and Scientists III 3 hrs
- EEL 3004C Electrical Networks 3 hrs
- MAP 2302 Ordinary Differential Equations I 3 hrs
- EEE 3342C Digital Systems 3 hrs
- GEP- Cultural Foundation 3 hrs

Sophomore Year - Summer 10 hrs
- EGN 3211 Engineering Analysis and Computation 3 hrs
- EEL 3123C Networks and Systems 4 hrs
- GEP- Social Foundation 3 hrs

Junior Year - Fall 13 hrs
- EEE 3350 Semiconductor Devices I 3 hrs
- EEL 3552C Analog and Digital Communication Fundamentals 4 hrs
- EEL 3801C Computer Organization 3 hrs
- GEP- Science Foundation 3 hrs

Junior Year - Spring 17 hrs
- EEE 3307C Electronics I 4 hrs
- EEL 3657 Linear Control Systems 3 hrs
- EEL 4742C Embedded Systems 4 hrs
- STA 3032 Probability and Statistics for Engineers 3 hrs

Select 1:
- EGN 3321 Engineering Analysis-Dynamics or 3 hrs
- EGN 3358 Thermo-Fluids-Heat Transfer 3 hrs

Senior Year - Fall 16 hrs
- EEL 4750 Digital Signal Processing Fundamentals 3 hrs
- EEL 3470 Electromagnetic Fields 3 hrs
- EEL 4914 Senior Design I 3 hrs
- Approved Technical Elective 4 hrs
- GEP-Historical Foundation 3 hrs

Senior Year - Spring 13 hrs
- EEL 4915L Senior Design II 3 hrs
- EEE 4309C Electronics II 4 hrs
- Approved Technical Elective 3 hrs
- Approved Technical 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: $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/elemed/
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).
- 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.

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.

<table>
<thead>
<tr>
<th>Category</th>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A: Communication Foundations</strong></td>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>ENC 1102 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Preferred Courses</strong></td>
<td>SPC 1608 Fundamentals of Oral</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>B: Cultural &amp; Historical Foundations</strong></td>
<td>AMH 2010 U.S. History: 1492-1877</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>AMH 2020 U.S. History: 1877-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Select 1:</strong></td>
<td>ARH 2050 History of Western Art I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>ARH 2051 History of Western Art II or</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>MUL 2010 Enjoyment of Music</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>C: Mathematical Foundations</strong></td>
<td>STA 1063C Basic Statistics Using Microsoft Excel or</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>STA 2014C Principles of Statistics</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>D: Social Foundations</strong></td>
<td>POS 2041 American National Government</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>PSY 2012 General Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>E: Science Foundations</strong></td>
<td>FSC 1121 Physical Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td></td>
<td>BSC 1005 Biological Principles</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 2. Common Program Prerequisites (CPP) (9 hrs)

- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

<table>
<thead>
<tr>
<th>Category</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>2</td>
<td>EME 2040</td>
<td>Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Category</th>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other Program Requirements</strong></td>
<td>ENC 2130 Child and Adolescent Development for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>2 MAE 2801</td>
<td>Elementary School Mathematics</td>
<td>4 hrs</td>
</tr>
<tr>
<td>3 PET 2801</td>
<td>Wellness, Children and Schools</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

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 1005L 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)
  
  1. EDF 4410 Teaching Strategies and Classroom Management  
  2. EEX 4070 Teaching Exceptional Students  
  3. LAE 4314 Language Arts in the Elementary School  
  4. RED 3012 Basic Foundations of Reading  
  5. TSL 4080 Theory and Practice of Teaching ESOL Students in Schools

1. Required prior to Internship I

- **Semester II** (15 hrs)
  
  1. SCE 3310 Teaching Science in Elementary School  
  2. SSE 3312 Teaching Social Science in the Elementary School  
  3. LAE 4314 Language Arts in the Elementary School  
  4. RED 4519 Diagnostic and Corrective Reading  
  5. EDF 4467 Learning Theory and Assessment

1. Required prior to Internship I

- **Summer** (6 hrs)
  
  1. EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools  
  2. TSL 4240 Issues in Second Language Acquisition

- **Semester III (Internship I Block)** (12 hrs)

  1. 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.

  2. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before application to Internship I.

  3. 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 ESOL Students in Schools.

  4. 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: EDF 4410, RED 3012, TSL 4080, MAE 2801

  5. RED 4942 Practicum for Assessment and Instruction  
  6. MAE 3262 How Children Learn Mathematics  
  7. EDE 3942 Internship I  
  8. EDE 4223 Integrated Arts and Movement in the Elementary School

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)

  1. 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.

  2. 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.

  3. 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.
- Complete a TESOL notebook as required for ESOL Certification Examination.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EDF 2130</td>
<td>Child and Adolescent Development for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSC 1121</td>
<td>Physical Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSC 1121L</td>
<td>Physical Science Lab</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

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 - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EME 2040</td>
<td>Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>History of Western Art I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAC 1103C</td>
<td>College Algebra</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 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 2.5 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EME 2040</td>
<td>Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
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<td>ARH 2050</td>
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<td>MAC 1103C</td>
<td>College Algebra</td>
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### Freshman Year - Spring

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<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EDF 2130</td>
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<td>PSC 1121</td>
<td>Physical Science</td>
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</tr>
<tr>
<td>PSC 1121L</td>
<td>Physical Science Lab</td>
<td>1 hr</td>
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### Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 2010</td>
<td>U.S. History: 1492-1877</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 1005</td>
<td>Biological Principles</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 2005</td>
<td>Introduction to the Teaching Profession</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUL 2010</td>
<td>Enjoyment of Music</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Sophomore Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 2020</td>
<td>U.S. History: 1877-Present</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAE 2801</td>
<td>Elementary School Mathematics</td>
<td>4 hrs</td>
</tr>
<tr>
<td>STA 2014C</td>
<td>Principles of Statistics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 PET 2081</td>
<td>Wellness, Children and Schools</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

### Junior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 3942</td>
<td>Internship I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 4942</td>
<td>Practicum for Assessment and Instruction of Reading</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDE 3942</td>
<td>Internship I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDE 4223</td>
<td>Integrated Arts and Movement in the Elementary School</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Junior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 4603</td>
<td>Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TSL 4240</td>
<td>Issues in Second Language Acquisition</td>
<td>3 hrs</td>
</tr>
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### Junior Year - Summer

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED 4519</td>
<td>Diagnostic and Corrective Reading</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SCA 3310</td>
<td>Teaching Science in Elementary School</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SSE 3312</td>
<td>Teaching Social Science in the Elementary School</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LAE 4314</td>
<td>Language Arts in the Elementary School</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 4467</td>
<td>Learning Theory and Assessment</td>
<td>3 hrs</td>
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</table>

### Senior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE 4326</td>
<td>How Children Learn Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 4942</td>
<td>Practicum for Assessment and Instruction of Reading</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDE 3942</td>
<td>Internship I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDE 4223</td>
<td>Integrated Arts and Movement in the Elementary School</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Senior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4943</td>
<td>Internship II (Elementary)</td>
<td>12 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/alp/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 must 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 3 hrs
     - Required ENC 1102 Composition II 3 hrs
     - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs
   - B: Cultural & Historical Foundations
     - Prefer LIT 2110 World Literature I 3 hrs
     - Prefer LIT 2120 World Literature II 3 hrs
     - Select one class from B.1.1 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
   - D: Social Foundations
   - E: Science Foundations

2. Common Program Prerequisites (CPP) (6 hrs)
   - ENC 1101 Composition I 3 hrs
     - ENC 1102 Composition II 3 hrs
   - 1 See Transfer Notes for possible substitutions. See “Common Prerequisites” in the Transfer and Transition Services section for more information.

3. Core Requirements: Basic Level (9 hrs)
   - CRW 3013 Creative Writing for English Majors 3 hrs
     - ENG 3014 Theories and Techniques of Literature 3 hrs
     - CRW 3053 Theory & Practice of Creative Writing 3 hrs
   - 1 This is a prerequisite for all 4000 level AML, ENG, ENL, or LIT courses

4. Core Requirements: Advanced Level (12 hrs)
   - Literary History Requirement
   - Choose four courses total from these two groupings

Select at least one of these pre-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 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

Select 2: 6 hrs
   - CRW 3013 Creative Writing for English Majors 3 hrs
     - CRW 3014 Theories and Techniques of Literature 3 hrs
     - CRW 3053 Theory & Practice of Creative Writing 3 hrs
   - CRW 3540 Literary History Requirement
     - CRW 3610 Writing Scripts 3 hrs
     - CRW 3615 World Literature II 3 hrs
     - CRW 3610 Writing Scripts 3 hrs
     - CRW 3625 The Victorian Age or 3 hrs
     - CRW 4224 Advanced Nonfiction Workshop or 3 hrs
     - CRW 4122 Advanced Fiction Writing Workshop or 3 hrs
     - CRW 4724 The Florida Review or 3 hrs
     - CRW 4014 The Writing Life or 3 hrs
     - CRW 4722 Editing for Creative Writers or 3 hrs

Select 3: 6 hrs
   - CRW 3013 Creative Writing for English Majors 3 hrs
     - CRW 3014 Theories and Techniques of Literature 3 hrs
     - CRW 3053 Theory & Practice of Creative Writing 3 hrs
     - CRW 3540 Literary History Requirement
     - CRW 4224 Advanced Nonfiction Workshop or 3 hrs
     - CRW 4122 Advanced Fiction Writing Workshop or 3 hrs
     - CRW 4724 The Florida Review or 3 hrs
     - CRW 4014 The Writing Life or 3 hrs
     - CRW 4722 Editing for Creative Writers or 3 hrs
     - CRW 4616 Advanced Scriptwriting Workshop 3 hrs

1 May take ENC 4360 Nature Writing instead of CRW 4224 but not both.

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: 6 hrs
   - CRW 3120 Fiction Writing Workshop or 3 hrs
   - CRW 3211 Creative Nonfiction Writing or 3 hrs
   - CRW 3310 Poetry Writing Workshop or 3 hrs
   - CRW 3610 Writing Scripts or 3 hrs

b. Choose two of the following: 6 hrs
   - CRW 4122 Advanced Fiction Writing Workshop or 3 hrs
     - CRW 4224 Advanced Nonfiction Workshop or 3 hrs
     - CRW 4320 Advanced Poetry Writing Workshop or 3 hrs
     - CRW 4616 Advanced Scriptwriting Workshop or 3 hrs

1 May take ENC 4360 Nature Writing instead of CRW 4224 but not both.

C. Choose one of the following: 3 hrs
   - CRW 3013 Creative Writing for English Majors 3 hrs
     - CRW 3014 Theories and Techniques of Literature 3 hrs
     - CRW 3053 Theory & Practice of Creative Writing 3 hrs

6. Capstone Requirements
- None

7. Foreign Language Requirements
- Admissions
  - None
- 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
  - 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.
## 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. Department 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

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>15 hrs</td>
<td>14 hrs</td>
</tr>
<tr>
<td>Sophomore</td>
<td>16 hrs</td>
<td>12 hrs</td>
</tr>
<tr>
<td>Junior</td>
<td>15 hrs</td>
<td>15 hrs</td>
</tr>
<tr>
<td>Senior</td>
<td>12 hrs</td>
<td>13 hrs</td>
</tr>
</tbody>
</table>

### 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 course or in a graduate or undergraduate course outside the major that relates to thesis with approval of Honors Committee and the Honors College.
- 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 2210</td>
<td>Humanistic Tradition I</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1106</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1020</td>
<td>Concepts in Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2110</td>
<td>World Literature I</td>
<td>3</td>
</tr>
<tr>
<td>STA 1063C</td>
<td>Basic Statistics Using Microsoft Excel</td>
<td>3</td>
</tr>
<tr>
<td>SPN 1120C</td>
<td>Elementary Spanish Language and Civilization I</td>
<td>4</td>
</tr>
</tbody>
</table>

## Freshman Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2120</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1121C</td>
<td>Elementary Spanish Language and Civilization II</td>
<td>4</td>
</tr>
<tr>
<td>BSC 1005</td>
<td>Biological Principles</td>
<td>3</td>
</tr>
</tbody>
</table>

1. Restricted Elective

## Sophomore Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRW 3013</td>
<td>Creative Writing for English Majors</td>
<td>3</td>
</tr>
<tr>
<td>AML 3031</td>
<td>American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENL 3296</td>
<td>Gothic Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPN 2200</td>
<td>Intermediate Spanish Language and Civilization</td>
<td>3</td>
</tr>
<tr>
<td>CRW 3053</td>
<td>Theory &amp; Practice of Creative Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

## Sophomore Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRW 3120</td>
<td>Fiction Writing Workshop</td>
<td>3</td>
</tr>
<tr>
<td>CRW 4224</td>
<td>Advanced Nonfiction Workshop</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

## Junior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRW 3013</td>
<td>Creative Writing for English Majors</td>
<td>3</td>
</tr>
<tr>
<td>AML 3041</td>
<td>American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>CRW 3211</td>
<td>Creative Nonfiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

## Junior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRW 3120</td>
<td>Fiction Writing Workshop</td>
<td>3</td>
</tr>
<tr>
<td>CRW 4224</td>
<td>Advanced Nonfiction Workshop</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

## Senior Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRW 3311</td>
<td>Structure of Verse</td>
<td>3</td>
</tr>
<tr>
<td>CRW 4122</td>
<td>Advanced Fiction Writing Workshop</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

## Senior Year - Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRW 3610</td>
<td>Writing Scripts</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></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.oes.ucf.edu/alc/academic_learning_compacts.htm](http://www.oes.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)

<table>
<thead>
<tr>
<th>A: Communication Foundations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required ENC 1101 Composition I 3 hrs</td>
</tr>
<tr>
<td>Required ENC 1102 Composition II 3 hrs</td>
</tr>
<tr>
<td>Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B: Cultural &amp; Historical Foundations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefer LIT 2110 World Literature I 3 hrs</td>
</tr>
<tr>
<td>Prefer LIT 2120 World Literature II 3 hrs</td>
</tr>
<tr>
<td>Select one class from 1.B.1 list 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C: Mathematical Foundations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math:</td>
</tr>
<tr>
<td>Suggested MGF 1106 Finite Mathematics or 3 hrs</td>
</tr>
<tr>
<td>Suggested MGF 1107 Explorations in Mathematics or 3 hrs</td>
</tr>
<tr>
<td>You may substitute a higher level math with appropriate scores on the Math Placement Exam.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statistics - Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select a course from GEP C.2 list 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D: Social Foundations (6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E: Science Foundations (6 hrs)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Common Program Prerequisites (CPP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ENC 1101 Composition I GEP</td>
</tr>
<tr>
<td>1 ENC 1102 Composition II GEP</td>
</tr>
</tbody>
</table>

1 See transfer notes for possible substitutions.

<table>
<thead>
<tr>
<th>3. Core Requirements: Basic Level (6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ENG 3014 Theories and Techniques of Literature Study 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Core Requirements: Advanced Level (15 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literary History Requirement</td>
</tr>
<tr>
<td>Choose five courses from the two groupings</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select at least two pre-1865 literature courses 6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: Each semester, additional courses may satisfy this requirement. Check with advisor for details.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AML 3031 American Literature I or 3 hrs</td>
</tr>
<tr>
<td>AML 3613 Narratives of Slavery or 3 hrs</td>
</tr>
<tr>
<td>ENL 2012 English Literature I 3 hrs</td>
</tr>
<tr>
<td>ENL 4220 English Renaissance Poetry and Prose or 3 hrs</td>
</tr>
<tr>
<td>ENL 4230 18th Century Studies or 3 hrs</td>
</tr>
<tr>
<td>ENL 4240 English Romantic Writers or 3 hrs</td>
</tr>
<tr>
<td>LIT 4374 Literature of the Bible or 3 hrs</td>
</tr>
<tr>
<td>AML 3286 Early American Women's Words or 3 hrs</td>
</tr>
<tr>
<td>AML 3640 Native American Literature or 3 hrs</td>
</tr>
<tr>
<td>AML 4398 Gothic Literature 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select at least two post-1865 literature courses 6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: Each semester, additional courses may satisfy this requirement. Check with advisor for details.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AML 3041 American Literature II or 3 hrs</td>
</tr>
<tr>
<td>AML 3283 Contemporary American Women's Fiction 3 hrs</td>
</tr>
<tr>
<td>or</td>
</tr>
<tr>
<td>AML 3614 Topics in African-American Literature or 3 hrs</td>
</tr>
<tr>
<td>AML 3615 Harlem, Haiti, and Havana or 3 hrs</td>
</tr>
<tr>
<td>AML 3643 Contemporary Native American Prose or Poetry or 3 hrs</td>
</tr>
<tr>
<td>AML 4101 American Novel or 3 hrs</td>
</tr>
<tr>
<td>AML 4155 Modern American Poetry or 3 hrs</td>
</tr>
<tr>
<td>AML 4261 Literature of the South or 3 hrs</td>
</tr>
<tr>
<td>AML 4265 Florida Writers or 3 hrs</td>
</tr>
<tr>
<td>AML 4321 Modern American Literature or 3 hrs</td>
</tr>
<tr>
<td>AML 4630 Latino/Latina Literature or 3 hrs</td>
</tr>
<tr>
<td>ENL 2022 English Literature II or 3 hrs</td>
</tr>
<tr>
<td>ENL 4101 English Novel or 3 hrs</td>
</tr>
<tr>
<td>ENL 4253 The Victorian Age or 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Choose one single author or major author course: 3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 1:</td>
</tr>
<tr>
<td>AML 4300 Major American Authors or 3 hrs</td>
</tr>
<tr>
<td>ENL 4311 Chaucer or 3 hrs</td>
</tr>
<tr>
<td>ENL 4341 Milton and His Age or 3 hrs</td>
</tr>
<tr>
<td>ENL 4333 Shakespeare Studies or 3 hrs</td>
</tr>
<tr>
<td>ENL 4303 British Authors or 3 hrs</td>
</tr>
<tr>
<td>LIT 4244 World Authors 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Choose one linguistics or theory course: 3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 1:</td>
</tr>
<tr>
<td>ENL 4310 Practical Criticism or 3 hrs</td>
</tr>
<tr>
<td>LIN 3010 Principles of Linguistics or 3 hrs</td>
</tr>
<tr>
<td>LIN 4105 History of the English Language or 3 hrs</td>
</tr>
<tr>
<td>LIN 4643 Cross Cultural Communication or 3 hrs</td>
</tr>
<tr>
<td>LIN 4680 Linguistics and Literature or 3 hrs</td>
</tr>
<tr>
<td>LIN 4680 Modern English Grammar or 3 hrs</td>
</tr>
<tr>
<td>LIT 4554 Advanced Feminist Theories 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Choose additional upper level courses 9 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
<tr>
<td>Required Minors</td>
</tr>
<tr>
<td>None</td>
</tr>
<tr>
<td>11. Departmental Exit Requirements</td>
</tr>
<tr>
<td>Maintain a minimum GPA of 2.0 in upper division required courses.</td>
</tr>
<tr>
<td>Computer Competency met by completion of ENG 3014.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12. University Minimum Exit Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 2.0 UCF GPA</td>
</tr>
<tr>
<td>60 semester hours earned after CLEP awarded</td>
</tr>
<tr>
<td>48 semester hours of upper division credit completed</td>
</tr>
<tr>
<td>30 of the last 39 hours of course work must be completed in residency at UCF.</td>
</tr>
<tr>
<td>A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.</td>
</tr>
<tr>
<td>Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Semester Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
</tr>
</tbody>
</table>
UCF Degree Programs

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 level course or in a graduate or undergraduate level 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 - Creative Writing
- English - Technical Communication

Certifications
- None

Related Minors
- English - Creative Writing
- English - Linguistics
- English - Technical Communication
- Writing and Rhetoric

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

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

Junior Year - Spring 15 hrs
ENL 3231 Restoration Literature 3 hrs
AML 4261 Literature of the South 3 hrs
ENL 4333 Shakespeare Studies 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 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

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)
   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 Test.

   Statistics - Computers 3 hrs
   Select a course from GEP C.2 list 3 hrs

   D: Social Foundations (6 hrs)

1 Third semester of language can be replaced with a diversity course.
See department advisor for list of approved courses.
2. Common Program Prerequisites (CPP)

- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

E: Science Foundations (6 hrs)
ENC 1101 Composition I  GEP
ENC 1102 Composition II  GEP

3. Core Requirements: Basic Level (6 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
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

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 4211 Literature of the South or  3 hrs
AML 4265 Florida Writers or  3 hrs
AML 4321 Modern American Literature or  3 hrs
AML 4630 Latin/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
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

Optional course:
ENC 4941 Internship  1 hr

6. Capstone Requirement
- None

7. Foreign Language Requirements

Admissions
- None

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. 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 after meeting with a departmental advisor. Courses may be outside 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 the following:
  ENC 4293 Documentation and the Collaborative Process  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 (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 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
- 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
- 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
- LIT 2120: World Literature II (3 hrs)
- PSY 2012: General Psychology (3 hrs)
- SPN 1121C: Elementary Spanish Language and Civilization II (4 hrs)
- CRW 3013: Creative Writing for English Majors (3 hrs)
- Restricted Elective (3 hrs)

Sophomore Year - Spring
- ENC 3241: Writing for the Technical Professional Process (3 hrs)
- AML 3813: 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
- 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)

Junior Year - Spring
- ENC 4280: Technical Writing Style (3 hrs)
- LIT 3313: Science Fiction (3 hrs)
- Restricted Elective (3 hrs)

Senior Year - Fall
- ENC 4218: The Visual in Technical Documentation (3 hrs)
- ENC 4262: International Technical Communication (3 hrs)

Senior Year - Spring
- ENC 4414: Writing and Hypertext (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

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)
- Preferred 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)
- Preferred MGF 1106: Finite Mathematics (3 hrs)

Select 1:  (3 hrs)
- Preferred STA 1063C: Basic Statistics Using Microsoft Excel (3 hrs)
- Preferred 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)
- Prefer PSC 1121 Physical Science 3 hrs

#### Select 1: 3 hrs
- Prefer ANT 2511 The Human Species 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
- TSL 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 1608 Fundamentals of Oral Communication GEP
- LIT 2110 World Literature I GEP

#### Select 1: 3 hrs
- E: Science Foundations (6 hrs)

### 3. Core Requirements: Basic Level (12 hrs)
- Education Track requires 12 semester hours
- Lifelong Learning Track requires 15 semester hours

#### Education Track 12 hrs
- 1 EDF 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

#### Lifelong Learning Track 15 hrs
- MHS 2330 Career Planning 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
- 1 EDF 4410 Teaching Strategies and Classroom Management 3 hrs
- TSL 4080 Theory and Practice of Teaching ESOL 3 hrs
- 1 EDF 4603 Analysis and Application of Ethnic, Legal, and Safety Issues 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
- TSL 4240 Issues in Second Language Acquisition 3 hrs

#### LM 2101 Prefer for Internship I. 3 hrs

#### 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
- EDF 3311 Essay as Cultural Commentary or 3 hrs
- ENL 4105 History of the English Language 3 hrs

#### Internship I Block 9 hrs
- Prior to Internship I, the student must have completed EDG 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 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/clinicalexperience/
- LAE 4360 English Instructional Analysis 3 hrs
- LAE 4342 Programs in Teaching Language and Composition 3 hrs
- LAE 3940 Internship 3 hrs

#### 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 II.
- 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.
- Passing scores on all sections [General Knowledge, Professional, and Subject Area (English 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II.
- LAE 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-" (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 3631 Literacy Strategies for Middle and High School 3 hrs
- CRW 4504 Modern Drama As Literature 3 hrs
- CRW 4244 World Authors 3 hrs
- CRW 3482 Literature & Popular Culture 3 hrs
- CRW 3931 Topics in World Literature 3 hrs
- ENL 4333 Shakespeare Studies 3 hrs
- ENL 4374 Literature of the Bible 3 hrs
- CRW 3120 Fiction Writing Workshop 3 hrs
- EDF 4941 Directed Field Experience 1 hr

### UCF Degree Programs

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UCF Degree Programs

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 3703C  Principles of Behavior Modification  4 hrs
MAN 4583  Project Management  3 hrs
MAN 3025  Management of Organizations  3 hrs
MAN 4101  Human Relations in Management  3 hrs
MAR 3023  Marketing  3 hrs
ECT 4164  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.

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

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 2101  U.S. History: 1492-1877  3 hrs
ENC 1101  Composition I  3 hrs
MGF 1106  Finite Mathematics  3 hrs
PSY 1024  General Psychology  3 hrs

Freshman Year - Spring 12 hrs
AMH 2102  U.S. History: 1877-Present  3 hrs
ENC 1102  Composition II  3 hrs
POA 2041  American National Government  3 hrs
PSC 1121  Physical Science  3 hrs

Freshman Year - Summer 6 hrs
LIT 1110  World Literature I  3 hrs

Education Track 3 hrs
EDF 2130  Child and Adolescent Development for Educators  3 hrs

Lifelong Learning Track 3 hrs
EDF 2130  Child and Adolescent Development for Educators or EDP 2270  Adult Development & Learning  3 hrs

Sophomore Year - Fall 15 hrs
EDF 2005  Introduction to the Teaching Profession  3 hrs
LIT 2120  World Literature II  3 hrs
SOP 1068  Fundamentals of Oral Communication  3 hrs

Select 1: 3 hrs
ANT 2511  The Human Species or BSC 1005  Biological Principles  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
ENL 2012  English Literature I  3 hrs
EDF 2085  Introduction to Diversity for Educators  3 hrs
EME 2040  Introduction to Technology for Educators  3 hrs

Education Track 3 hrs
AML 3071  American Literature I  3 hrs

Lifelong Learning Track 3 hrs
MHS 2330  Career Planning  3 hrs

Sophomore Year - Summer 6 hrs
TSL 4080  Theory and Practice of Teaching ESOL Students in Schools  3 hrs
ENL 2022  English Literature II  3 hrs

Junior Year - Fall 15 hrs
TSL 4240  Issues in Second Language Acquisition  3 hrs
EDF 4467  Learning Theory and Assessment  3 hrs
EDG 4410  Teaching Strategies and Classroom Management  3 hrs

Education Track 6 hrs
CRW 3013  Creative Writing for English Majors  3 hrs

Select 1: 3 hrs
ENC 3311  Essay as Cultural Commentary or LIN 4105  History of the English Language  3 hrs

Lifelong Learning Track 6 hrs
Choose Lifelong Learning Specialization courses  6 hrs
### Degree Requirements (128 hrs)

- **Junior Year - Spring**: 15 hrs  
  - EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs  
  - RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

- **Education Track**: 9 hrs  
  - 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**: 9 hrs  
  - Choose Lifelong Learning Specialization courses 9 hrs

- **Senior Year - Fall**: 12 hrs  
  - EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs

- **Education Track**: 7 hrs  
  - 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**: 9 hrs  
  - Choose Lifelong Learning Specialization courses 9 hrs

- **Senior Year - Spring**: 12 hrs  
  - LAE 4941 Internship 12 hrs

- **Lifelong Learning Track**: 12 hrs  
  - 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

### 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 2040A and CHM 2041L.
- Students wanting to declare a major in an engineering discipline must complete a major of change 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
   - Select one class from Social Foundations Group 1 3 hrs
   - Select one class from Social Foundations Group 2 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. **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 4 hrs

6. **PHY 2049C**  
   - Physics for Engineers and Scientists II 4 hrs

### Select one of the following sequences of courses:

- **Required:**
  - CHM 2045C Chemistry Fundamentals I 4 hrs
  - or
  - CHM 2040 Chemistry Fundamentals IA and 3 hrs
  - CHM 2041 Chemistry Fundamentals IB 3 hrs

1. The following courses are to be completed as part of the Environmental Engineering major. Students should check with the assigned academic advisor for a list of approved courses.

2. **EGS 1006C**  
   - Introduction to the Engineering Profession 1 hr

3. **EGN 1007C**  
   - Engineering Concepts and Methods 1 hr

4. **CHM 2045C**  
   - Chemistry Fundamentals I 4 hrs

5. **CHM 2046**  
   - Chemistry Fundamentals II 3 hrs

6. **CHM 2046L**  
   - Chemistry Fundamentals Laboratory 1 hr

7. **Earth Science**  
   - Biological Science 3 hrs

8. A “C” (2.0) or better is required in this course.
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 4011 Geotechnical Engineering I 4 hrs
11. EES 4111 Biological Process Control 3 hrs
12. EES 4020C 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 BSEnvE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of 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
- CWR 4633C Environmental Engineering Wastewater Design or
- ENV 4433C Air Pollution Control Design or
- ENV 4303C Solid Waste Facility Design or
- ENV 4562C Environmental Engineering Water Treatment Design

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

- EnvE 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

- 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

- 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

- ENC 1102 Composition II 3 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

1. Earth Science Requirement for Major - also in GEP

- Statistics
- Calculus
- 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.

- 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

- 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

- Statistics
- Calculus
- 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
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 4202 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 or Environmental Engineering Water 3 hrs
ENV 4562C Environmental Engineering Water Design or Environmental Engineering Wastewater 3 hrs
ENV 4433C Environment Engineering Waste Water Design or 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.o eas.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

   D: Social Foundations (6 hrs)
   Select 1: 3 hrs
   Required: ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics 3 hrs

   Select 1: 3 hrs
   Required: PSY 2012 General Psychology or SYG 2000 Introduction to Sociology or ANT 2000 General Anthropology 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.
   HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs

3. Core Requirements: Basic Level
   MAC 1105C College Algebra GEP

   Select 1:
   STA 2023 Statistical Methods I or CGS 2100C Computer Fundamentals for Business GEP

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 2730 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
   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
UFC Degree Programs

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.
■ 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 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

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
HFT 2254 Lodging Operations 3 hrs
HFT 2750 The Event Industry 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

Sophomore Year - Fall 16 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
HFT 2500 Hospitality and Tourism Marketing 3 hrs
FSS 2294C Food Preparation for Catered Events 4 hrs
Science Foundations I 3 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 2401 Hospitality Industry Financial Accounting 3 hrs
HFT 2220 Hospitality Human Resources Management 3 hrs
Science Foundations II 3 hrs
Cult/His. Foundations III 3 hrs
Free Elective 3 hrs

Junior Year - Fall 16 hrs
HFT 3540 Guest Services Management I 3 hrs
HFT 3431 Hospitality Industry Managerial Accounting 3 hrs
HFT 3519 Event Services 3 hrs
HFT 3670 Hospitality and Event Risk Management 3 hrs
HFT 3512 Event Promotion 3 hrs
HFT 3940 Internship I 1 hr

Junior Year - Spring 16 hrs
HFT 4464 Hospitality Industry Finance 3 hrs
HFT 3523 Event Sales 3 hrs
HFT 3443 Event Technology 3 hrs
HFT 4941 Internship II 1 hr
Event Restricted Elective 3 hrs
Free Elective 3 hrs

Senior Year - Fall 16 hrs
HFT 4266 Hospitality Communications 3 hrs
HFT 4944 Internship III 1 hr
Event Restricted Electives 12 hrs

Senior Year - Spring 12 hrs
HFT 4757 Event Management 3 hrs
HFT 4802 Catering Sales Management 3 hrs
Event Restricted Elective 3 hrs
Free Electives 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: $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: svdadvising@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)

- See Transfer Notes for possible substitutions.

A: Communication Foundations (9 hrs)

B: Cultural & Historical Foundations (9 hrs)

- Prefer FIL 2030 History of Motion Pictures 3 hrs
- Prefer one course from either 1.B.1 list 3 hrs
- Prefer one course from either 1.B.1 or 1.B.2 list 3 hrs

C: Mathematical Foundations (6 hrs)

- Math 3 hrs
- 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

1 May substitute a higher level math.

D: Social Foundations (6 hrs)

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (3 hrs)

- FIL 2030 History of Motion Pictures GEP
- FIL 1007 Foundations of Story 3 hrs

1 See transfer notes for possible substitutions.

3. Core Requirements: Basic Level (21 hrs)

- Lower level core requirements
- FIL 2107 Script Analysis 3 hrs
- FIL 1009 Cinematic Expression for Majors 3 hrs
- FIL 2552 Editing I 3 hrs
- FIL 2480 Directing for Film I 3 hrs
- FIL 2461 Cinematography I 3 hrs
- FIL 2461 Directing the Actor for Film I 3 hrs
- DIG 2000 Introduction to Digital Media 3 hrs

4. Core Requirements: Advanced Level (36 hrs)

- Upper level core requirements
- FIL 3115 Short Script I 3 hrs
- FIL 3132 Short Script II 3 hrs
- FIL 3427C Introduction to Film Production 3 hrs
- FIL 3534 Sound Design for Film I 3 hrs
- FIL 3036 Film History I 3 hrs
- FIL 3037 Film History II 3 hrs
- FIL 3803C Film Theory and Criticism I 3 hrs
1 FIL 3922 Film Colloquium 1 hr
- FIL 4486C Directing for Film II 3 hrs
- FIL 4461 The Film Producer 3 hrs
- FIL 4647 Film Production Management 3 hrs

1 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 3 hrs
- DIG 4704 Interactive Entertainment 3 hrs
- FIL 4472C Cinematography II 3 hrs
- FIL 4535C Sound Design for Film II 3 hrs
- FIL 4536 Sound Design III 3 hrs
- FIL 4451 Design for Film 3 hrs
- FIL 4487 Directing for Film III 3 hrs
- FIL 4566C Editing II 3 hrs

Screen Writing

- FIL 4103 Adaptation 3 hrs
- FIL 4162C Feature/TV Writing I 3 hrs
- FIL 4163C Feature/TV Writing II 3 hrs
- FIL 4126C Genre Writing 3 hrs
- FIL 4906 Directed Independent Study 1 hr

Cinema Studies

- FIL 3800C Images of Women in Film 3 hrs
- FIL 3831 Black Cinema 3 hrs
- FIL 3851 Avant-Garde Cinema 3 hrs
- FIL 3843C Film Theory and Criticism II 3 hrs
- FIL 3841 French New Wave Cinema 3 hrs
- FIL 3824 Italian Neo-Realist Cinema 3 hrs
- FIL 3847 Latin American Cinema 3 hrs
- FIL 3820 Italian Film 3 hrs
- FIL 3822 French Film 3 hrs
- FIL 3823 German Film 3 hrs
- FIL 3826 American Cinema 3 hrs
- FIL 3871 The American Film Artist 3 hrs
- FIL 4436 Film Theory/Film Production 3 hrs

Digital Cinema

- ART 2823 Art as Interface 3 hrs
- ART 3618 Post-Production Design 3 hrs
- COP 3502C Computer Science I 3 hrs
- DIG 4855 Converging Media Capstone 3 hrs
- DIG 3138C Digital Imagery 3 hrs
- DIG 4780C Modeling for Realtime Systems 3 hrs
- ENC 4415 Digital Rhetorics and The Modern Dialectic 3 hrs
- DIG 3134 Media Software Design 3 hrs
- MUC 3311 MIDI Sequencing I 3 hrs

6. Capstone Requirements (6 hrs)

- FIL 4434C Capstone I 3 hrs
- FIL 4573C Capstone II 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.

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.

Computer Competency met by one of the following:

- CGS 1060C Introduction to Computers or 3 hrs
- FIL 2552 Editing I or 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
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
- Sophomore Year - Spring 15 hrs
- Sophomore Year - Fall 15 hrs
- Freshman Year - Summer 6 hrs
- Freshman Year - Spring 12 hrs
- Freshman Year - Fall 12 hrs

Plan of Study

Acceptable Substitutes for Transfer Courses
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

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.

Advising Notes
- None

Transfer Notes
- None

Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

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

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.1 or 1.B.2 list 3 hrs

2. University Minimum Exit Requirements
   - 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

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 3527C 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

Senior Year - Fall 12 hrs
- FIL 4434C Capstone I 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

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
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
- Must be taken outside the Film Department. (18 hrs min)

11. Departmental Exit Requirements
- A student must maintain an overall average of “C” (2.0) or better in major courses.
- Computer competency met by one of the following:
  - CDS 1060C Introduction to Computers 3 hrs
  - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
  - FIL 1008 Cinematic Expression/Aesthetics 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
- 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
- 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 1007 is a prerequisite for all major courses and must be taken

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 13 hrs
- ENC 1101 Composition I 3 hrs
- FIL 2030 History of Motion Pictures 3 hrs
- FIL 1008 Cinematic Expression/Aesthetics 3 hrs
## UCF Degree Programs

**Freshman Year - Spring**  
- ENC 1102 Composition II 3 hrs  
- FIL 1007 Foundations of Story 3 hrs  
- Foreign Language Elementary Level II 4 hrs  
- GEP 3 hrs  

**Freshman Year - Summer**  
- GEP 3 hrs  
- GEP 3 hrs  
- GEP 3 hrs  

**Sophomore Year - Fall**  
- FIL 2107 Script Analysis 3 hrs  
- FIL 3006 Art of the Cinema 3 hrs  
- FIL 1008 Cinematic Expression/Aesthetics 3 hrs  
- GEP 3 hrs  
- GEP 3 hrs  

**Sophomore Year - Spring**  
- FIL 2000 Introduction to Digital Media 3 hrs  
- FIL 2423 Foundations of Production 3 hrs  
- FIL 3102 Writing for Film and TV 3 hrs  
- GEP 3 hrs  
- GEP 3 hrs  

**Junior Year - Fall**  
- FIL 3383 Film Documentary 3 hrs  
- FIL 3803 Film Theory and Criticism I 3 hrs  
- FIL 3036 Film History I 3 hrs  
- FIL XXX - Elective 3 hrs  
- Minor 3 hrs  

**Junior Year - Spring**  
- FIL 3037 Film History II 3 hrs  
- FIL 3462 Cinematic Expression 3 hrs  
- FIL 3804 Film Theory and Criticism II 3 hrs  
- FIL 4681 The Film Producer 3 hrs  
- Minor 3 hrs  

**Senior Year - Fall**  
- FIL 3826 American Cinema 3 hrs  
- FIL 3845 World Cinema Traditions 3 hrs  
- FIL XXX - Elective 3 hrs  
- Minor 3 hrs  
- Minor 3 hrs  

**Senior Year - Spring**  
- FIL 3051 Avant-Garde Cinema 3 hrs  
- FIL XXX - Elective 3 hrs  
- Minor 3 hrs  
- Minor 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)

### 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-admittance 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  
     - Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs  
   - B: Cultural & Historical Foundations  
     - Prefer MAC 1105C College Algebra 3 hrs  
   - C: Mathematical Foundations  
     - Required CGS 2100C Computer Fundamentals for Business 3 hrs  
   - D: Social Foundations  
     - Select 1:  
       - Prefer ECO 2013 Principles of Microeconomics or ECO 2023 Principles of Microeconomics 3 hrs  
   - Select 1:  
     - Suggested PSY 2021 General Psychology or ANT 2000 General Anthropology or SYG 2000 Introduction to Sociology 3 hrs  
   - E: Science Foundations  
     - 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

**Equipment Fees**
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term
1 or MAC 2311 and MAC 2312

3. Core Requirements: Basic Level (29 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

4. Core Requirements: Advanced Level (18 hrs)

FIN 3303 Financial Markets  3 hrs
FIN 3414 Intermediate Corporate Finance  3 hrs
FIN 3504 Investment Analysis  3 hrs
FIN 4453 Financial Models  3 hrs
Select 2: 6 hrs
FIN 3461 Financial Statement Analysis or  3 hrs
FIN 4234 Commercial Bank Management or  3 hrs
FIN 4424 Advanced Topics in Financial Management 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

1 ACG 3131 Intermediate Financial Accounting I or  3 hrs
1 ACG 3141 Intermediate Financial Accounting II or  3 hrs
1 ACG 3961 Cost Accounting I or  3 hrs
ECO 4412 Econometrics or  3 hrs
FIN 3461 Financial Statement Analysis or  3 hrs
FIN 4324 Commercial Bank Management or  3 hrs
FIN 4424 Advanced Topics in Financial Management 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

5. Restricted Electives (6 hrs)

Select 2: 6 hrs
1 ACG 3131 Intermediate Financial Accounting I or  3 hrs
1 ACG 3141 Intermediate Financial Accounting II or  3 hrs
1 ACG 3961 Cost Accounting I or  3 hrs
ECO 4412 Econometrics or  3 hrs
FIN 3461 Financial Statement Analysis or  3 hrs
FIN 4324 Commercial Bank Management or  3 hrs
FIN 4424 Advanced Topics in Financial Management 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

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)

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
  GEB 3031 Cornerstone: Professional Skills for Business  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
- 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
UFC 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 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

Sophomore Year - Spring 15 hrs
ACG 2021 Principles of Financial Accounting 3 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
Cultural Foundation II 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.oecs.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.)
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)
- Preferred 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 PHY 2048C Calculus for Engineers I 4 hrs
- Required PHY 2048C Calculus for Engineers & Scientists I 4 hrs

D: Social Foundations (6 hrs)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs

E: Science Foundations (8 hrs)
- Required PHY 2048C Calculus 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
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 2048C 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 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 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 CPP

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
- Achieve at least a minimum overall 2.5 GPA in all courses attempted 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.
- Earn a grade of “C” (2.0) or better in each course used to satisfy categories 2, 3, 4, 5 of the 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 degree 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
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
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

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
UCF Degree Programs

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
Lab may be taken in a later term if seats are not available.
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
1 CHS 4515C Forensic Crime Scene Investigation 4 hrs

1 (or other restricted elective)

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.oeas.ucf.edu/aic/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 3 hrs
- 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.

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
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
CHM 3120  Analytical Chemistry and 3 hrs
CHM 3120L  Analytical Chemistry Laboratory and 1 hr
STA 2023  Statistical Methods I and  GEP
PCB 3063  Genetics and  3 hrs
PCB 3063L  Genetics Laboratory and  1 hr
PCB 3233  Immunology and  3 hrs
PCB 3233L  Immunology Laboratory  1 hr

4. Core Requirements: Advanced Level (45 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 Biochemistry Track: 27 hrs
BCH 4063  Biochemistry I  3 hrs
BCH 4054  Biochemistry II  3 hrs
BCH 4103L  Biochemical Methods  2 hrs
BSC 3403C  Quantitative Biological Methods  4 hrs
CHS 4534C  Forensic Biochemistry II  3 hrs
CHS 3533L  Forensic Biochemistry I Laboratory  1 hr
MCB 3020C  General Microbiology  5 hrs
PCB 3522  Molecular Biology I  3 hrs
PCB 4524  Molecular Biology II  3 hrs

5. Restricted Electives (3 hrs)
Any course approved by the Forensic Program advisor.  3 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
   ■ 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 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
UCF Degree Programs

Junior Year - Spring 14 hrs
- CHS 3595 Forensic Science in the Courtroom 3 hrs
- CHS 4537 Forensic Laboratory Quality 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 II 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://www.oeas.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
http://mll.cah.ucf.edu/
Phone: 407-823-2472

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 4422, 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)
   Math 6 hrs
   Suggested MGF 1106 Finite Mathematics or 3 hrs
   Suggested MGF 1107 Explorations in Mathematics 3 hrs

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) (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 Elementary 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

1 *May be met by proficiency test or completion of FRE 2201

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
Students must submit their portfolio to their French Faculty Advisor.

Computer Competency met by the following or equivalent:
- CGS 1060C Introduction to Computers 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
- Spanish

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.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study

Freshman Year - Fall 13 hrs
- ENC 1101 Composition I 3 hrs
- WOH 2012 World Civilization I 3 hrs
- MGF 1107 Explorations in Mathematics 3 hrs
- FRE 1120C Elementary French Language and Civilization I 4 hrs

Freshman Year - Spring 13 hrs
- ENC 1102 Composition II 3 hrs
- WOH 2022 World Civilization II 3 hrs
- CGS 1060C Introduction to Computers 3 hrs
- FRE 1121C Elementary French Language and Civilization II 4 hrs

Freshman Year - Summer 8 hrs
- FRE 2270 Intermediate French Study Abroad 8 hrs

Sophomore Year - Fall 12 hrs
- FRE 2200 Intermediate French Language and Civilization I 3 hrs
- Social Foundation (Group 1) 3 hrs
- Science Foundation (Group 2) 3 hrs
- Select 1: 3 hrs
- SPC 1608 Fundamentals of Oral Communication or 3 hrs
- SPC 1603C Fundamentals of Technical Presentations 3 hrs

Sophomore Year - Spring 12 hrs
- LIT 2120 World Literature II 3 hrs
- FRE 2201 Intermediate French Language and Civilization II 3 hrs
- Social Foundation (Group 2) 3 hrs
- Science Foundation (Group 2) 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 Conversation 3 hrs
- FRE 3300 French Grammar 3 hrs
- Restricted Elective 3 hrs

Junior Year - Spring 15 hrs
- FRE 3760 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 Centuries 3 hrs
- 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_compacts.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)
- 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

D: Social Foundations (6 hrs)

Select 1: 3 hrs
- Required: ECO 2013 Principles of Macroeconomics
- Required: ECO 2023 Principles of Microeconomics

Select 1: 3 hrs
- Suggested: ECO 3401 Quantitative Business Tools
- Suggested: STA 2023 Statistical Methods
- Suggested: MAC 2233 Concepts of Calculus

E: Science Foundations (6 hrs)

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
  - 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
- Required 1 GEB 3031 Cornerstone: Professional Skills for Business
- Required 2 GEB 3031L Cornerstone Lab: Professional Skills for Business
- Required GEB 3003 Career Research & Planning
- Required GEB 3005 Career Search Strategy
- Required BUL 3130 Legal and Ethical Environment of Business
- Required ECO 3411 Quantitative Business Tools II
- Required FIN 3403C Business Finance
- Required GEB 3375 Introduction to International Business
- Required MAN 3025 Management of Organizations
- Required MAR 3023 Marketing
- Required MAR 3203 Supply Chain and Operations Management
- Required GEB 4223 Business Interviewing Techniques
- Required GEB 4004 Executing Your Career Plan

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.

Economics
- Required 1 ECO 3223 Money and Banking
- Required 1 ECP 3203 Labor Economics

- Any other 3000 or 4000 level ECO, ECP, or ECS course may be substituted as an Economics restricted elective. The substitution must be petitioned and have prior written approval

Finance
- Required FIN 3414 Intermediate Corporate Finance
- Required FIN 3504 Investment Analysis

Management
- Required GEB 3113 Creativity and Entrepreneurship
- Required MAN 4240 Organizations: Theory and Behavior
- Required MAN 4441 Conflict Resolution and Negotiation

Marketing
- Required MAR 3403 Sales Force Management
- Required MAR 3613 Marketing Analysis and Research
- Required MAR 4156 International Marketing
- Required MAR 4841 Services Marketing

6. Capstone Requirements (4 hrs)

- Required MAN 4720 Strategic Management
- Required 2 GEB 3031 Cornerstone: Professional Skills for Business

7. Foreign Language Requirements

Admissions
- Must be completed with a “C” (2.0) or better.

- 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.

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
Sophomore Year - Fall 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

Sophomore Year - Spring 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

Junior Year - Fall 14 hrs
1. GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
2. GEB 3031L Cornerstone Lab: Professional Skills for Business 1 hr
- GEB 3005 Career Research & Planning 1 hr
- MAN 3025 Management of Organizations 3 hrs
- MAR 3023 Marketing 3 hrs
- FIN 3403C Business Finance 3 hrs
1. Required in 1st or 2nd semester
2. Must be taken with GEB 3031

Junior Year - Spring 16 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- GEB 3005 Career Search Strategy 1 hr
- BUL 3130 Legal and Ethical Environment of Business 3 hrs
- MAR 3003 Consumer Behavior 3 hrs
- GEB Restricted Elective 3 hrs
- GEB Restricted Elective 3 hrs
- MAR 3203 Supply Chain and Operations Management 3 hrs
- FIN 3353 Financial Markets 3 hrs
- MAN 3001 Management of Human Resources 3 hrs
- GEB Restricted Elective 3 hrs

Senior Year - Fall 16 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- GEB 4223 Business Interviewing Techniques 1 hr
- MAR 3003 Consumer Behavior 3 hrs
- GEB 4004 Executing Your Career Plan 1 hr
- GEB Restricted Elective 3 hrs
- GEB Restricted Elective 3 hrs

Senior Year - Spring 14 hrs
- ECP 4703 Managerial Economics 3 hrs
- MAN 4270 Strategic Management 4 hrs
- GEB 4004 Executing Your Career Plan 1 hr
- GEB Restricted Elective 3 hrs
- GEB 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: $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
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)
   - **D: Social Foundations** (6 hrs)
   - **E: Science Foundations** (7 hrs)

2. **Common Program Prerequisites (CPP)** (17 hrs)
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
   - 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 3016 Foundations of Health Information Management (HIM) 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 4676 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 4638 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**

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 2021)
  - 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** 14 hrs
- 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

**UCF Degree Programs**

**University of Central Florida**

**Undergraduate Catalog 2014-2015**

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<table>
<thead>
<tr>
<th>Freshman Year - Spring</th>
<th>16 hrs</th>
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<tbody>
<tr>
<td>ENC 1102</td>
<td>Composition I 3 hrs</td>
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<tr>
<td>STA 2104C</td>
<td>Principles of Statistics 3 hrs</td>
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<tr>
<td>BSC 2010C</td>
<td>Biology I 4 hrs</td>
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<table>
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<tr>
<th>Select 1:</th>
<th>3 hrs</th>
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<tbody>
<tr>
<td>EUH 2000</td>
<td>Western Civilization I or 3 hrs</td>
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<tr>
<td>HUM 2210</td>
<td>Humanistic Tradition I or 3 hrs</td>
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<tr>
<td>AMH 2010</td>
<td>U.S. History: 1892-1877 3 hrs</td>
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</table>

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<thead>
<tr>
<th>Sophomore Year - Fall</th>
<th>13 hrs</th>
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</thead>
<tbody>
<tr>
<td>ZOO 3733C</td>
<td>Human Anatomy 4 hrs</td>
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<tr>
<td>CGS 2100C</td>
<td>Computer Fundamentals for Business 3 hrs</td>
</tr>
<tr>
<td>ACG 2021</td>
<td>Principles of Financial Accounting 3 hrs</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
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<tbody>
<tr>
<td>EUH 2001</td>
<td>Western Civilization II or 3 hrs</td>
</tr>
<tr>
<td>HUM 2230</td>
<td>Humanistic Tradition II or 3 hrs</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>U.S. History: 1877-Present 3 hrs</td>
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<th>Sophomore Year - Spring</th>
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<tbody>
<tr>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting 3 hrs</td>
</tr>
<tr>
<td>PCB 3703C</td>
<td>Human Physiology 4 hrs</td>
</tr>
<tr>
<td>SPC 1608</td>
<td>Fundamentals of Oral Communication 3 hrs</td>
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</table>

<table>
<thead>
<tr>
<th>Select 1:</th>
<th>3 hrs</th>
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<tbody>
<tr>
<td>ARH 2050</td>
<td>History of Western Art I or 3 hrs</td>
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<tr>
<td>ARH 2051</td>
<td>History of Western Art II or 3 hrs</td>
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<tr>
<td>MUL 2010</td>
<td>Enjoyment of Music or 3 hrs</td>
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<tr>
<td>THE 2000</td>
<td>Theatre Survey or 3 hrs</td>
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<tr>
<td>REL 2300</td>
<td>World Religions or 3 hrs</td>
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<tr>
<td>PHI 2010</td>
<td>Introduction to Philosophy or 3 hrs</td>
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<tr>
<td>LIT 2110</td>
<td>World Literature I or 3 hrs</td>
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<tr>
<td>LIT 2120</td>
<td>World Literature II 3 hrs</td>
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<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>15 hrs</th>
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<tbody>
<tr>
<td>1 HSA 4191</td>
<td>Health Care Automation 3 hrs</td>
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<tr>
<td>HIM 3006</td>
<td>Foundations of Health Information 3 hrs</td>
</tr>
<tr>
<td>1 HSC 3537</td>
<td>Medical Terminology 3 hrs</td>
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<tr>
<td>HSC 4555</td>
<td>Pathophysiology I 3 hrs</td>
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<table>
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<tr>
<th>Select 1:</th>
<th>3 hrs</th>
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<tbody>
<tr>
<td>1 MAN 3025</td>
<td>Management of Organizations or 3 hrs</td>
</tr>
<tr>
<td>HSA 4180</td>
<td>Organization &amp; Management for Health Agencies I 3 hrs</td>
</tr>
</tbody>
</table>

1 The asterisked courses may be taken at any time during the two years. Certain HIIM courses are offered only during the semester in which they appear on this schedule and are restricted to majors only.

<table>
<thead>
<tr>
<th>Senior Year - Fall</th>
<th>13 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM 4344C</td>
<td>Health Information Department Management 4 hrs</td>
</tr>
<tr>
<td>HIM 4508C</td>
<td>Quality Management 3 hrs</td>
</tr>
<tr>
<td>HIM 4256C</td>
<td>Coding Procedures II 3 hrs</td>
</tr>
<tr>
<td>HIM 4686C</td>
<td>Health Information Management Systems 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year - Spring</th>
<th>12 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM 4676</td>
<td>Professional Development and Issues in Health Information Management 3 hrs</td>
</tr>
<tr>
<td>1 HSA 4702</td>
<td>Health Sciences Research Methods 3 hrs</td>
</tr>
<tr>
<td>1 HSA 3170</td>
<td>Health Care Finance 3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year - Summer</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA 4109</td>
<td>Principles of Managed Care 3 hrs</td>
</tr>
<tr>
<td>HSC 3147</td>
<td>Introduction to Pharmacology 3 hrs</td>
</tr>
</tbody>
</table>

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<td>Coding Procedures II 3 hrs</td>
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<td>HIM 4686C</td>
<td>Health Information Management Systems 3 hrs</td>
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1 The asterisked courses may be taken at any time during the two years. Certain HIIM courses are offered only during the semester in which they appear on this schedule and are restricted to majors only.

### College of Health and Public Affairs

#### Department of Health Professions, Health and Public Affairs II, Room: 118

http://www.cohpa.ucf.edu/health.pro/pre-clinical.shtml

Dr. Suha Saleh, pcinfo@ucf.edu, 407-823-2747

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 3 hrs

   **B: Cultural & Historical Foundations** (9 hrs)
   1 Required MAC 1105C College Algebra 3 hrs
   Required STA 2023 Statistical Methods I 3 hrs

   **C: Mathematical Foundations** (6 hrs)

   **D: Social Foundations** (6 hrs)
   Required PSY 2012 General Psychology 3 hrs


### UCF Degree Programs

#### Health Professions Graduate Programs

- **2. Common Program Prerequisites (CPP)**
  - **MAC 1114C** College Trigonometry 3 hrs
  - **BSC 2010C** Biology I GEP
  - **PSY 2012** General Psychology GEP
  - **STA 2023** Statistical Methods I GEP

- **3. Core Requirements: Basic Level** (20 hrs)
  - **CHM 2046** Chemistry Fundamentals I 4 hrs
  - **CHM 2046L** Chemistry Fundamentals Laboratory 1 hr
  - **DEP 2004C** Developmental Psychology 3 hrs
  - **HUN 2201** Fundamentals of Human Nutrition 3 hrs
  - **PHY 2053C** College Physics I GE
  - **PHY 2054C** College Physics II 4 hrs

- **Select 1:**
  - **HSC 2000** Introduction to the Allied Health Professions or Professional Development in Health Professions 2 hrs
  - **HSC 4008** 3 hrs

1. Students must earn appropriate score on placement exam prior to enrolling in these classes.
2. For freshman and sophomore students. The upper level HSC 4008 (3 hrs) can be used as a substitution as needed during the junior or senior years.

- **4. Core Requirements: Advanced Level** (29 hrs)
  - **HSC 3147** Introduction to Pharmacology 3 hrs
  - **HSC 3211** Preventive Health Care 3 hrs
  - **HSC 4555** Pathophysiology I 3 hrs
  - **HSC 4652** Health Law and Ethics 3 hrs
  - **HSC 4598** Pathophysiology II 3 hrs
  - **HSC 4501** Epidemiology of Chronic Diseases 3 hrs
  - **PCB 3703C** Human Physiology 4 hrs
  - **ZOO 3733C** Human Anatomy 4 hrs

- **Select 1**
  - **HSC 4730** Applied Health Research Methodology 3 hrs
  - **HSA 4702** Health Sciences Research Methods 3 hrs

- **5. Restricted Electives** (30 hrs)
  - Some courses below may have additional prerequisite courses required. Course selection should be in consultation with an advisor and may vary by student depending on individual needs and objectives. Laboratory courses are required with selection of certain science classes.
  - Students must meet restricted elective credit hour requirements and UCF upper division credit hour requirements. These are suggested electives based on disciplines, but it is the student's responsibility to check with graduate programs to meet prerequisites.
  - Students are advised to check the Program's web site for updated information and suggested electives for specific Health Professions Graduate Programs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2046</td>
<td>Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAC 1114C</td>
<td>College Trigonometry</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Statistical Methods I</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**
  - Students who transfer in with a Florida College System institution AA degree may need to take upper-level electives to reach the University requirement of 48 semester hours of upper division credit. Students are encouraged to choose from restricted electives list that pertain to their particular graduate program emphasis.

- **9. Additional Requirements**
  - None

- **10. Required Minors**
  - None

- **11. Departmental Exit Requirements**
  - Students must achieve at least 2.5 overall GPA for graduation.
  - 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 above). Students should note that graduate programs may require a higher level of performance for admission.
  - 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
Freshman Year - Fall 15 hrs

BSC 2010C Biology I with Lab 4 hrs
MAC 1105C College Algebra 3 hrs
SPO 1000 Fundamentals of Oral Communication 3 hrs
HSC 2000 Introduction to the Allied Health Professions 2 hrs

Freshman Year - Spring 16 hrs

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: 3 hrs

MUL 2010 Enjoyment of Music or 3 hrs
REL 2300 World Religions or 3 hrs
THE 2000 Theatre Survey or 3 hrs
Phil 1010 Introduction to Philosophy 3 hrs

Sophomore Year - Fall 14 hrs

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: 3 hrs

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 16 hrs

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: 3 hrs

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 13 hrs

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 16 hrs

PHY 2054C College Physics II 4 hrs
HSC 4559 Pathophysiology II 3 hrs
HSC 4501 Epidemiology of Chronic Diseases 3 hrs
Restricted Elective 3 hrs

Select 1 3 hrs

HSC 4730 Applied Health Research Methodology or 3 hrs
HSA 4702 Health Sciences Research Methods 3 hrs

Senior Year - Fall 15 hrs

Restricted Elective 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs

Senior Year - Spring 15 hrs

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.oeas.ucf.edu/alc/academic_learning_compacts.htm

Health Services Administration (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/
Email: hsainfo@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)
- Prefer SPC 1608 Fundamentals of Oral Communication

B: Cultural & Historical Foundations (9 hrs)

C: Mathematical Foundations (6 hrs)
- Suggested MAC 1105C College Algebra

Select 1: (3 hrs)
- Suggested CGS 1060C Introduction to Computers or
- Suggested CGS 2100C Computer Fundamentals for Business

D: Social Foundations (6 hrs)
- Suggested ECO 2023 Principles of Microeconomics

Select 1: (3 hrs)
- Prefer PSY 2012 General Psychology or
- Prefer SYG 2000 Introduction to Sociology

E: Science Foundations (6 hrs)
- Suggested MAC 2320 General Chemistry I

Select 1: (3 hrs)
- Prefer MAC 2321 General Chemistry II or
- Suggested MAC 2311 General Chemistry I

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
ACG 2021 Principles of Managerial Accounting
ACG 2071 Principles of Managerial Accounting
ACA 2015 Principles of Financial Accounting
STA 2023 Statistical Methods I

Select 1: (3 hrs)
- CGS 2100C Computer Fundamentals for Business or
- CGS 2100C Introduction to Computers

3. Core Requirements: Basic Level (6 hrs)

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 Services 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

Certificates

- Aging Studies

Related Minors

- Aging Studies
- Health Informatics and Information Management
### Biology (B.S.)

#### 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)

- Communication Foundations (9 hrs)
- 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 1.B.1 list 3 hrs

#### 2. Mathematical Foundations

- Multivariate Calculus or
- Calculus with Analytic Geometry

#### 3. History (B.A.)

- College of Arts and Humanities
- Department of History, Colbourn Hall, Room: 551
- Email: history@ucf.edu
- Dr. John Sacher, Chair
- Phone: 407-823-2225

#### 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)
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)
   - Select six hours of approved history courses
     - within three of four geographic regions
       - Asian, African, and Middle Eastern  or 6 hrs
       - British and European  or 6 hrs
       - Latin American  or 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
   - 2 AMH 2020  U.S. History: 1877-Present  3 hrs
   - 1 AMH 2010 is a prerequisite for subsequent American History courses.
   - 2 AMH 2020 is a prerequisite for subsequent American History courses.

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
   - Core Course  3 hrs
   - Restricted Elective 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
   - Core Course  3 hrs
   - Restricted Elective 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

Sophomore Year - Spring 16 hrs
   - SPN 1121C  Elementary Spanish Language and Civilization II  4 hrs
   - Core Course  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

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

UNIVERSITY OF CENTRAL FLORIDA
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### UCF Degree Programs

**Hospitality Management (B.S.)**

Rosen College of Hospitality Management

Department of Hospitality Services,

9907 Universal Boulevard, Orlando, FL 32819

[http://www.hospitality.ucf.edu](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

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### 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)
  - Required: MAC 1105C College Algebra (3 hrs)

- **B:** Cultural & Historical Foundations (9 hrs)
  - Select 1: 3 hrs
    - Required: CGS 2100C Computer Fundamentals for Business or STA 2023 Statistical Methods I (3 hrs)

- **C:** Mathematical Foundations (6 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 ECO 2023 Principles of Microeconomics (3 hrs)

- **E:** Science Foundations (6 hrs)
  - Select 1: 3 hrs
    - Required: PSY 2012 General Psychology or SYG 2000 Introduction to Sociology or ANT 2000 General Anthropology (3 hrs)

#### 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)

- **Select:**
  - HFT 4286 Hospitality Communications (3 hrs)
  - HFT 4295 Leadership and Strategic Management in Hospitality Industry (3 hrs)

#### 4. Core Requirements: Advanced Level (21 hrs)

- **Sectoral Core** (15 hrs)
  - Select 5: 15 hrs
    - HFT 2254 Lodging Operations (3 hrs)

- **Internships** (3 hrs)
  - HFT 3940 Internship I (1 hr)
  - HFT 4941 Internship II (1 hr)
  - HFT 4944 Internship III (1 hr)

#### 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 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 3732 Meeting Management (3 hrs)
    - HFT 3740 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 4266 Hospitality Industry Revenue 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 Attractions 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 4762 Managing the Guest Experience in the Theme Park and Attractions Industry (3 hrs)
    - HFT 4958 Operational Issues in the Theme Park and Attractions 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)
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 Related Programs 3 hrs
HFT 4614 Risk Management in Theme Parks and Attractions or Related Programs 3 hrs
HFT 4759 Product Development in Theme Parks and Attractions or Related Programs 3 hrs
HFT 4752 Managing the Guest Experience in the Theme Park and Attraction Industry or Related Programs 3 hrs
HFT 4758 Operational Issues in the Theme Park and Attraction Industry or Related Programs 3 hrs
HFT 4795 Entertainment Arts and Events 3 hrs

Golf and Club Management Track 15 hrs
HFT 3353 Golf Planning & Operations I or Related Programs 3 hrs
HFT 3354 Agronomy for Golf Course Management or Related Programs 3 hrs
HFT 3355 Golf Planning & Operations II or Related Programs 3 hrs
HFT 3357 Golf & Club Event Operations or Related Programs 3 hrs
HFT 3384 Golf and Club Enterprises Management or Related Programs 3 hrs
HFT 4338 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 2500 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
### Program Academic Learning Compacts

Students must consult with a school advisor

**Degree Requirements**

- **Required:**
  - ENC 1101C Composition I 3 hrs
  - ENC 1102C Composition II 3 hrs
  - ENC 3110C Organizational Communication and Leadership 3 hrs
  - ENC 3311C Essay as Cultural Commentary 3 hrs
  - ENC 3314C Argumentative Writing 3 hrs
  - ENC 3315C Argumentation and Debate 3 hrs
  - ENC 3445C Leadership Through Oral Communication 3 hrs
  - ENC 3540C Thinking, Speaking, and Writing 3 hrs
  - ENC 3541C Interpersonal Communication 3 hrs
  - ENC 4416C Intercultural Communication 3 hrs
  - ENC 4421C HFT 3645C Hospitality Communications 3 hrs
  - ENC 4422C HFT 3646C Hospitality Industry Finance 3 hrs
  - ENC 4424C HFT 4285C Hospitality Management and Ethics 3 hrs
  - ENC 4426C HFT 4293C Hospitality Industry Law 3 hrs
  - ENC 4427C HFT 4302C Hospitality Industry History and Management 3 hrs
  - ENC 4428C HFT 4303C Hospitality Industry Leadership and Strategic Management 3 hrs
  - ENC 4429C HFT 4464C Hospitality Industry Finance 3 hrs
  - ENC 4430C HFT 4466C Hospitality Industry History and Management 3 hrs
  - ENC 4431C HFT 4467C Hospitality Industry Law 3 hrs
  - ENC 4432C HFT 4468C Hospitality Industry Leadership and Strategic Management 3 hrs
  - ENC 4433C HFT 4469C Hospitality Industry Law 3 hrs
  - ENC 4434C HFT 4470C Hospitality Industry Leadership and Strategic Management 3 hrs
  - ENC 4435C HFT 4471C Hospitality Industry Law 3 hrs
  - ENC 4436C HFT 4472C Hospitality Industry Leadership and Strategic Management 3 hrs
  - ENC 4437C HFT 4473C Hospitality Industry Law 3 hrs
  - ENC 4438C HFT 4474C Hospitality Industry Leadership and Strategic Management 3 hrs
  - ENC 4439C HFT 4475C Hospitality Industry Law 3 hrs
  - ENC 4440C HFT 4476C Hospitality Industry Leadership and Strategic Management 3 hrs

- **Select from the following list:**
  - ENC 3210C Organizational Communication and Leadership 3 hrs
  - ENC 3311C Essay as Cultural Commentary 3 hrs
  - ENC 3314C Argumentative Writing 3 hrs
  - ENC 3540C Thinking, Speaking, and Writing 3 hrs
  - ENC 3541C Interpersonal Communication 3 hrs
  - ENC 4416C Intercultural Communication 3 hrs
  - ENC 4421C HFT 3645C Hospitality Communications 3 hrs
  - ENC 4422C HFT 3646C Hospitality Industry Finance 3 hrs
  - ENC 4424C HFT 4285C Hospitality Management and Ethics 3 hrs
  - ENC 4427C HFT 4293C Hospitality Industry Law 3 hrs
  - ENC 4428C HFT 4302C Hospitality Industry History and Management 3 hrs
  - ENC 4429C HFT 4303C Hospitality Industry Finance 3 hrs
  - ENC 4430C HFT 4304C Hospitality Industry History and Management 3 hrs
  - ENC 4431C HFT 4305C Hospitality Industry Finance 3 hrs
  - ENC 4432C HFT 4306C Hospitality Industry History and Management 3 hrs
  - ENC 4433C HFT 4464C Hospitality Industry Finance 3 hrs
  - ENC 4434C HFT 4466C Hospitality Industry History and Management 3 hrs
  - ENC 4435C HFT 4467C Hospitality Industry Finance 3 hrs
  - ENC 4436C HFT 4468C Hospitality Industry History and Management 3 hrs
  - ENC 4437C HFT 4469C Hospitality Industry Finance 3 hrs
  - ENC 4438C HFT 4470C Hospitality Industry History and Management 3 hrs
  - ENC 4439C HFT 4471C Hospitality Industry Finance 3 hrs
  - ENC 4440C HFT 4472C Hospitality Industry History and Management 3 hrs

### 5. Restricted Electives (27 hrs)

- **Take all of the following:**
  - SPC 1603C Fundamentals of Technical Communication 3 hrs
  - SPC 3301C Interpersonal Communication 3 hrs
  - SPC 3445C Communication Research Methods and Analysis 3 hrs
  - SPC 3450C Persuasion and Media Influence 3 hrs
  - SPC 4426C Group Dynamics 3 hrs
  - SPC 4450C Persuasion and Communication 3 hrs

- **Select 1:**
  - COM 3011C Communication and Human Relations 3 hrs
  - COM 3003C Exploring Human Communication 3 hrs

- **Select from the following list:**
  - COM 3013C Communication and the Family 3 hrs
  - COM 3022C Health Communication 3 hrs
  - COM 3110C Business and Professional Communication 3 hrs
  - COM 3332C Communication, Technology, and Change 3 hrs
  - COM 4306C Role of Motivation in Communication 3 hrs
  - COM 4301C Gender Issues in Communication 3 hrs
  - COM 4416C Terrorism and Communication 3 hrs
  - COM 4434C Conflict Management 3 hrs
  - SPC 3445C Leadership Through Oral Communication 3 hrs
  - SPC 3453C Argument and Debate 3 hrs
  - SPC 4331C Nonverbal Communication 3 hrs
  - SPC 4426C Group Dynamics 3 hrs
  - SPC 4450C Persuasion and Communication 3 hrs

- **A maximum of 6 credits of any combination of the following can be used as an Internal Restricted Elective:**
  - SPC X949 Directed Coop 3 hrs
  - SPC X949 Directed Coop 3 hrs

### 6. External Restricted Electives (6 hrs)

- **A minimum of six upper division credit hours selected from courses in Nicholson School of Communication outside the Human Communication area (i.e. Advertising - Public Relations, Journalism, or Radio - Television).**

### 7. Foreign Language Requirements

- **Admissions:**
  - None

- **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.
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
ENC 1101 Composition I 3 hrs
GEP-Math 3 hrs
GEP 3 hrs
Foreign Language 4 hrs

Freshman Year - Spring 13 hrs
ENC 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: 3 hrs
COM 3011C Communication and Human Relations 3 hrs
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 9 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
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.oeas.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)
5. Restricted Electives
- None

6. Capstone Requirements (3 hrs)
- HUM 4933 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
- 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.
- Computer Competency met by one of the following:
  - HUM 4970H Undergraduate Honors Thesis 3 hrs
  - HUM 4933 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
- 120

Honors In Major
- Students considering graduate school in humanities are strongly encouraged to take Honors in the Major. Requirements are as follows:

a. Core Requirements, Humanities and Cultural Studies, and Capstone
- 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

Related Minors
- Digital Humanities
- Philosophy
- Religion and Cultural Studies
- Cognitive 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
- 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/aic/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 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics 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
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. 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
- 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
- 1 PHY 2049C Physics for Engineers and Scientists II 4 hrs

Select 1: 4 hrs
- 2 CHS 1440 Principles of Chemistry or 4 hrs
- 1 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)

Engineering Core: Basic

- 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.

EEG 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 (59 hrs)

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
- EIN 3314 Work Analysis and Design 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
- ESI 4221 Empirical Methods for Industrial Engineering 3 hrs
- ESI 4234 Quality Engineering 3 hrs
- ESI 4312 Operations Research 3 hrs
- ESI 4523C Systems Simulation 3 hrs
- EIN 4517 Systems Engineering 3 hrs
- EGN 3310 Engineering Analysis-Statics 3 hrs
- 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 3338 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.

5. Restricted Electives (6 hrs)

Elective courses 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 elective courses 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 Semester Hours Required
   ● 128

Honors In Major
   ● None

Related Programs
   ● Mechanical Engineering

Certificates
   ● None

Related Minors
   ● None

Advising Notes
   ● None

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.

Acceptable Substitutes for Transfer Courses
   ● None

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:
  ECO 2013 Principles of Macroeconomics or 3 hrs
  ECO 2023 Principles of Microeconomics 3 hrs

  Select 1
  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 3023 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

  Sophomore Year - Summer 10 hrs
  GEP 6 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 4322 Quality Engineering 3 hrs
  ESI 4628C Industrial Engineering Applications of Computers 3 hrs
  EIN 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
  Approved Technical Elective 3 hrs
  EGS 4624 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.oaes.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
   ● Part-Time Student: $38 per term
   ● Full-Time Student: $77 per term
UCF Degree Programs

Information Technology (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

Admission Requirements
- None

Degree Requirements
- "C" (2.0) or better required in all prerequisites and courses required for the major.
- Students should consult with a departmental advisor.
- A Residency Requirement consists of at least 24 semester hours of regularly scheduled 3000-5000 level courses taken from the Department of EECS at UCF.
- 12 of the 24 Residency hours must be at the 4000-5000 level.

1. UCF General Education Program (GEP) (37 hrs)
   A: Communication Foundations
   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)
   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
   CNT 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
- A "C" (2.0) or better is required in all these courses.
   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
   - 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
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
Select 1:  3 hrs
MAC 1105C College Algebra or  3 hrs
MAC 1140C Pre-Calculus Algebra  3 hrs

Sophomore Year - Spring  
ENG 1102 Composition II  3 hrs
MAC 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

Sophomore Year - Fall  
MAD 2104 Foundations of Discrete Math  3 hrs
COP 3330 Object Oriented Programming  3 hrs
PHY 2053C College Physics I  4 hrs
GS 2545C Database Concepts  3 hrs
GEP 3 hrs

Junior Year - Fall  
CAP 4104 Human and Technology Interaction  3 hrs
PHI 2054C Physical Science  4 hrs
CIS 3004 Computer Network Concepts  3 hrs
CIS 3360 Security in Computing  3 hrs
Select 1:  3 hrs
ENG 3241 Writing for the Technical Professional or  3 hrs
ENG 3211 Theory and Practice of Technical Writing or  3 hrs
ENG 3250 Professional Writing  3 hrs

Junior Year - Spring  
CIS 4524 Managing IT Integration  3 hrs
PHI 3626 Advanced Ethics in Science and Technology  3 hrs
GEP 3 hrs
CGS 3763 Operating System Concepts  3 hrs
Select 1:  3 hrs
ENG 4265 Writing for the Computer Industry or  3 hrs
ENG 4293 Documental and Collaborative Process or  3 hrs
ENG 4414 Writing and Hypertext or  3 hrs
ENG 4415 Digital Rhetorics and The Modern Dialectic  3 hrs

Senior Year - Fall  
CNT 4703C Design and Implementation of Computer Communication Networks  3 hrs
CIS 4004 Web-Base Information Technology  3 hrs
Restricted Elective  3 hrs
Free Elective  3 hrs
CIS 4603 System Administration and Maintenance  3 hrs

Senior Year - Spring  
Restricted Elective  3 hrs
Free Elective  4 hrs
CIS 4910 Frontiers in Information Technology  3 hrs
CNT 4714 Enterprise Computing  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

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

Equipment Fees

- Part-Time Student: $9 per term
- Full-Time Student: $18 per term

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)
   - 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 (6 hrs)
   - IDS 3933 Cornerstone Experience  3 hrs
   - IDS 4934 Capstone Experience  3 hrs

4. Core Requirements: Advanced Level

- None
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.oear.ucf.edu/alcaademic_comaching_comacts.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)
   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
   1 may take a higher level math
   D: Social Foundations (6 hrs)
      Required SYG 2000 Introduction to Sociology 3 hrs
      Required ECO 2023 Principles of Microeconomics 3 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)
   Note: None

3. Core Requirements: Basic Level (11 hrs)
   Core for Environmental Studies:
   Physical/Mathematical Sciences
   CHM 2045C Chemistry Fundamentals I GEP
   MAC 1105C College Algebra GEP
   PSC 1121 Physical Science 3 hrs
   STA 2023 Statistical Methods I GEP
   Life Sciences
   BSC 2010C Biology I GEP
   BSC 2011C Biology II 4 hrs
   PCB 3044 Principles of Ecology 3 hrs
   PCB 3044L Principles of Ecology Laboratory 1 hr
   Social Science & Humanities
   SYG 2000 Introduction to Sociology GEP
   ECO 2023 Principles of Microeconomics GEP

4. Core Requirements: Advanced Level (19 hrs)
   Environmental Studies Fundamentals
   IDS 3150 Foundations of Environmental Studies 3 hrs
   ECP 3302 Economics and the Environment 3 hrs
   GIS 3043C GIS for Environmental Studies 3 hrs
   PCI 3041C Advanced GIS Applications in Environmental Studies 4 hrs
   PUP 3203 Environmental Politics 3 hrs
   SYD 4510 Environment and Society 3 hrs
   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 3 hrs
      BCH 4054 Biochemistry II 3 hrs
      BOT 3102 Local Flora 3 hrs
      BOT 3102 Local Flora 3 hrs
      BOT 3802 Ecological Botany 3 hrs
      BOT 3030 Plant & Animal Biology 5 hrs
      BOT 3063 Plant & Animal Biology 5 hrs
      BSC 4312C Advanced Marine Biology 4 hrs
      CHM 3120 Analytical Chemistry 3 hrs
      OCE 3008 Oceanography 3 hrs
      PCB 3063 Genetics 3 hrs
      PCB 3442 Aquatic Ecology 3 hrs
      PCB 4653 Evolutionary Biology 4 hrs
      PCB 4723 Animal Physiology 4 hrs
      PCB 5045 Conservation Biology 4 hrs
      PCB 5326C Ecosystems of Florida 5 hrs
   Values, Planning, & Policy Concentration
      Note: This subject area is available only to Interdisciplinary Studies - Environmental Studies track majors.
      ANT 3541 Biobehavioral Anthropology 3 hrs
      BOT 3802 Ecological Botany 3 hrs
   \( ^{1} \) Required MAC 1105C College Algebra 3 hrs
   \( ^{1} \) Required STA 2023 Statistical Methods I 3 hrs

6. Capstone Requirements
   Note: 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
   Note: 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
Other courses may be utilized for this area with the permission of the director.
■ Relevant Special Topics courses are periodically offered through various departments; with prior approval from the Women's Studies Director, some courses may substitute.
AML 3614 Topics in African-American Literature or 3 hrs
AML 3682 Ethnic Literature in America or 3 hrs
AML 4261 Literature of the South or 3 hrs
ANT 3212 Peoples of the World or 3 hrs
CCJ 4129 Cultural Diversity in Criminal Justice or 3 hrs
CCJ 4681 Domestic Violence and the Justice System 3 hrs
or
EUH 3528 Modern Europe and the First World War or 3 hrs
HSC 3593 HIV Disease: A Human Concern or 3 hrs
LIN 4641 Cross Cultural Communication or 3 hrs
PEM 2405 Self Defense for Women and Men or 3 hrs
PHI 3640 Environmental Ethics or 3 hrs
PHI 3670 Ethical Theory or 3 hrs
PHI 4300 Theories of Knowledge or 3 hrs
PUP 3314 Minories in American Politics or 3 hrs
SOP 2772 Sexual Behavior or 3 hrs
SOP 3754 Psychology of Diversity or 3 hrs
SYD 3700 Race and Ethnicity or 3 hrs
SYO 4100 Family Trends or 3 hrs
SYO 4200 Religion in Society or 3 hrs
SYP 3630 Popular Culture In Society or 3 hrs
SYP 3650 Sports and Society or 3 hrs
SYP 4732 Minority Aging or 3 hrs
THE 4230 Cultural Diversity in Theater 3 hrs

Second Study Area (from those below) 18 hrs
■ 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
Graduation
- 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.
- Note: Students entering without having met the admission requirement must do so in order to graduate.

8. Electives
- Select primarily from upper level courses, with Interdisciplinary Studies advisor’s approval. May be outside of Women’s Studies.

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 each of the subject areas.
- Computer Competency is met by departmental assessment, or the following courses:
  - CGS 1060C Introduction to Computers 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
- 120

Honors in Major
- None

Related Programs
- Interdisciplinary Studies

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/aic/academic_learning_compacts.htm

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 3 hrs
  - POS 3703 Scope and Methods of Political Science 3 hrs
  - 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 3 hrs

1. UCF General Education Program (GEP) (36 hrs)

A: Communication Foundations (9 hrs)
- Preferred WOH 2012 World Civilization I 3 hrs
- Preferred WOH 2022 World Civilization II 3 hrs
- Required One course from GEP B.2 list 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Preferred INR 2002 International Relations-Theory and Practice 3 hrs
- Preferred INR 2012 International Relations Theory 3 hrs

C: Mathematical Foundations (6 hrs)
- Math: 3 hrs
  - Preferred MGF 1106 Finite Mathematics or 3 hrs
  - Preferred MGF 1107 Explorations in Mathematics or 3 hrs
  - May substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics: 3 hrs
- Preferred STA 2014C Principles of Statistics or 3 hrs
- Preferred STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs
- May substitute a more advanced STA course. 3 hrs

D: Social Foundations (6 hrs)
- Preferred POS 2041 American National Government 3 hrs
- Required One course from GEP D.2 list 3 hrs

E: Scientific Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level (6 hrs)
- ECO 2013 Principles of Macroeconomics 3 hrs
- INR 2002 International Relations-Theory and Practice 3 hrs
- POS 2041 American National Government GEP

4. Core Requirements: Advanced Level (15 hrs)
- CPO 3103 Comparative Politics 3 hrs
- GEO 3471 World Political Geography 3 hrs
- IDS 4315 Global Perspectives 3 hrs
- INR 4603 International Relations Theory 3 hrs
- POS 3703 Scope and Methods of Political Science 3 hrs
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

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/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/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, nasso@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
- 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.

#### 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.
- Journalism 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 minimum of 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

#### 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 2014 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**
  - CPR 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

### Acceptable Substitutes for Transfer Courses
- None

### 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.
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

B: Cultural & Historical Foundations (9 hrs)

Group 1: Select a course from group 1. 3 hrs
- Prefer AMH 2018 U.S. History: 1492-1877 or
- 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

C: Mathematical Foundations (6 hrs)

Statistics-Computers: 3 hrs
- Suggested CGS 1060C Introduction to Computers or
- Suggested STA 2014C Principles of Statistics 3 hrs

Math: 3 hrs
- Suggested MGF 1106 Finite Mathematics or
- Suggested MGF 1107 Explorations in Mathematics or
You may substitute a higher level math with appropriate scores on the Math Placement Exam. 3 hrs

D: Social Foundations (6 hrs)

Group 1: 3 hrs
- Prefer POS 2041 American National Government 3 hrs

Group 2: Select a listed course 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.

Complete one of the following: 12 hrs
- SPC 1608 Fundamentals of Oral Communication or
- SPC 1603C Fundamentals of Technical Presentations

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
- SPC 1603C Fundamentals of Technical Presentations

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
- JOU 3304 History of American Journalism and

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.

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
- 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
- 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 with an advisor to determine if you are exempt.

Freshman Year - Fall 13 hrs
- ENC 1101 Composition I 3 hrs
- GEP-Math 3 hrs
- GEP 3 hrs
- Foreign Language 4 hrs

Freshman Year - Spring 13 hrs
- ENC 1102 Composition II 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- GEP-Stat or CS 3 hrs
- Foreign Language 4 hrs

Sophomore Year - Fall 15 hrs
- MMC 2004 Mass Media 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- Elective-Minor 3 hrs

Sophomore Year - Spring 15 hrs
- JOU 2100C News Reporting 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- Elective-Minor 3 hrs

Junior Year - Fall 15 hrs
- If admitted, take...
- JOU 3004 History of American Journalism 3 hrs
- MMC 3200 Mass Communication Law 3 hrs
- Restricted Elective 3 hrs
- Elective-Minor 3 hrs
- Elective-Minor 3 hrs

Junior Year - Spring 15 hrs
- JOU 3015 Principles of Journalism 3 hrs
- JOU 4700 Journalism Ethics 3 hrs
- Restricted Elective 3 hrs
- Elective-Minor 3 hrs
- Elective-Minor 3 hrs

Senior Year - Fall 15 hrs
- Submit Journalism Portfolio
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Elective-Minor 3 hrs
- Elective-Minor 3 hrs
- Elective-take outside of NSC 3 hrs

Senior Year - Spring 16 hrs
- Elective-take outside of NSC 3 hrs
- Elective-take outside of NSC 3 hrs
- Elective-take outside of NSC 3 hrs
- Elective-take outside of NSC 3 hrs
- Elective-take outside of NSC 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: $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:
- 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 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 4460 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, Nahuatl, 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.

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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 Minor: 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 13 hrs
ENC 1101 Composition I 3 hrs
STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
ANT 2000 General Anthropology 3 hrs
SPN 1120C Elementary Spanish Language and Civilization I 4 hrs

Freshman Year - Spring 13 hrs
ENC 1102 Composition II 3 hrs
MGF 1106 Finite Mathematics 3 hrs
POS 2041 American National Government 3 hrs
SPN 1121C Elementary Spanish Language and Civilization II 4 hrs

Freshman Year - Summer 6 hrs
Elective 3 hrs
Elective 3 hrs

Sophomore Year - Fall 12 hrs
COM 1000 Introduction to Communication 3 hrs
SPN 2200 Intermediate Spanish Language and Civilization I 3 hrs
GEP Course in Cultural & Historical Foundations from B.1 3 hrs
GEP Course in Science Foundation 3 hrs

Sophomore Year - Spring 15 hrs
ARM 2050 History of Western Art I 3 hrs
GEP Course in Cultural & Historical Foundations from B.1 3 hrs
GEP Course in Science Foundation 3 hrs
LAS 3002 Topics in Latin American Studies 3 hrs

Sophomore Year - Summer 4 hrs
LAS 3955 Study Abroad 1 hr
Elective 3 hrs

Junior Year - Fall 12 hrs
GAE 4405 Geography of Latin America 3 hrs
Two courses from first area of emphasis 6 hrs
LAS 4023 African Caribbean Experience 3 hrs

Junior Year - Spring 12 hrs
LAH 3200 Modern Latin America 3 hrs
One course from first area of emphasis 3 hrs
One course from second area of emphasis 3 hrs
LAS 3101 Latin American Popular Culture 3 hrs

Junior Year - Summer 6 hrs
Elective 3 hrs
Elective 3 hrs

Senior Year - Fall 12 hrs
One course from first area of emphasis 3 hrs
One course from second area of emphasis 3 hrs
Course in Minor 3 hrs
Course in Minor 3 hrs

Senior Year - Spring 10 hrs
One course from second area of emphasis 3 hrs
LAS 4906 Directed Independent Study 1 hr
Course in Minor 3 hrs
Course in Minor 3 hrs

Senior Year - Summer 6 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

Legal Studies (B.A. / B.S.)

College of Health and Public Affairs

Department of Legal Studies,
Health and Public Affairs, Room: 343
http://www.cohea.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.
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.
- 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)
   - 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
   - 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
- 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 4035 Capstone: Legal Issues 3 hrs

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.
- 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
- 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 1002 Biological Principles or 3 hrs
- MCB 1310 Introduction to Biotechnology and Genetic Engineering 3 hrs
Freshman Year - Spring 15 hrs
ENC 1102  Composition II  3 hrs
CGS 1060C  Introduction to Computers  3 hrs
Free Elective  3 hrs
Select 1:  3 hrs
ECO 2013  Principles of Macroeconomics or 3 hrs
POS 2041  American National Government or 3 hrs
ECO 2023  Principles of Microeconomics  3 hrs
Select 1:  3 hrs
ARI 2050  History of Western Art I or 3 hrs
ARH 2051  History of Western Art II or 3 hrs
MUL 2100  Enjoyment of Music or 3 hrs
THE 2000  Theatre Survey or 3 hrs
REL 2300  World Religions or 3 hrs
Phil 2100  Introduction to Philosophy or 3 hrs
LIT 2110  World Literature I or 3 hrs
LIT 2120  World Literature II  3 hrs
Sophomore Year - Fall 16 hrs
SPC 1608  Fundamentals of Oral Communication  3 hrs
Free Elective  3 hrs
Select 1:  3 hrs
PSC 1121  Physical Science or 3 hrs
CHM 1020  Concepts in Chemistry  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
Foreign Language I or BS option  4 hrs
Sophomore Year - Spring 16 hrs
PLA 3014  Law and the Legal System  3 hrs
Free Elective  3 hrs
Elective / Minor  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
Foreign Language II or BS option  4 hrs
Junior Year - Fall 15 hrs
PLA 3108  Legal Research  3 hrs
PLA 3205  Civil Practice and Procedure  3 hrs
Restricted Elective  3 hrs
Restricted Elective  3 hrs
Supporting 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

Management (B.S.B.A.)
College of Business Administration
Department of Management,
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 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) (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
Prefer MAC 1105C  College Algebra
D: Social Foundations (6 hrs)
Select 1:  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
### UCF Degree Programs

#### Required Courses 15 hrs

- Human Resource Management Track 24 hrs
  - Restricted Electives (24 hrs)
    - 5. Restricted Electives (24 hrs)
      - Required in 1st or 2nd semester
      - Required to be taken with GEB 3031

#### 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.

#### 3. Core Requirements: Basic Level

- None

#### 4. Core Requirements: Advanced Level (29 hrs)
- GEB 3031
- GEB 3031L
- GEB 3005
- BUL 3101
- ECO 3411
- FIN 3433
- GEB 3357
- MAN 3025
- MAR 3023
- MAR 3203
- GEB 4203
- GEB 4004

#### 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
- MAN 4240 Organizations: Theory and Behavior and
- MAN 4320 Human Resources Recruitment and Selection and
- MAN 4330 Compensation Administration and
- MAN 4350 Training and Development

**Restricted Elective Courses 9 hrs**
- BUL 4540
- GEB 3113
- GEB 4110
- GEB 4435
- Any MAN Course

#### General Management Track 24 hrs

**Required Courses 15 hrs**
- MAN 3301 Management of Human Resources and
- MAN 3520 Quality & Productivity Management and
- MAN 4240 Organizations: Theory and Behavior and
- MAN 4441 Conflict Resolution and Negotiation and
- MAN 4701 Business Ethics and Society

**Restricted Elective Courses 9 hrs**
- BUL 4540
- GEB 3113
- GEB 4110
- GEB 4111

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**GEB 4435** Moral Foundations of Business or 3 hrs

**Any MAN Course** 3 hrs

**Entrepreneurship Track 24 hrs**

**Required Courses 15 hrs**
- GEB 3113 Creativity and Entrepreneurship and
- GEB 4110 Business Plan Preparation and
- GEB 4111 New Venture Finance and
- MAN 4802 New Venture and Small Business and
- MAR 3765 Entrepreneurial Marketing

**Restricted Elective Courses 9 hrs**
- BUL 4540 Employment Law or
- GEB 4435 Moral Foundations of Business or
- Any MAN course

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**6. Capstone Requirements (4 hrs)**

- MAN 4720 Strategic Management

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**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

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**Honors in Major**

#### 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 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.

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**Honors in Major Credit Requirements 6 hrs**

- Required Honors Reading Course 3 hrs
- MAN 4903H Honors Directed Reading I or
- MAN 4904H Honors Directed Reading II 3 hrs

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**Undergraduate Catalog 2014-2015**

**UNIVERSITY OF CENTRAL FLORIDA**

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## Plan of Study

**Sophomore Year - Spring** 15 hrs

**Freshman Year - Fall** 15 hrs

**Freshman Year - Spring** 15 hrs

**Sophomore Year - Fall** 15 hrs

**Sophomore Year - Spring** 15 hrs

**Junior Year - Spring** 16 hrs

**Junior Year - Fall** 14 hrs

**Senior Year - Spring** 14 hrs

**Senior Year - Fall** 16 hrs

### Acceptable Substitutes for Transfer Courses

- ACG 2021 Principles of Financial Accounting 3 hrs may be substituted with: ACG X001
- ACG 2021 Principles of Financial Accounting 3 hrs may be substituted with: ACG X011

### 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.

### 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.

### Related Minors

- None

### Related Programs

- None

### Related Majors

- None

### Acceptable Substitutes for Transfer Courses

- ACG 2021 Principles of Financial Accounting 3 hrs may be substituted with: ACG X001
- ACG 2021 Principles of Financial Accounting 3 hrs may be substituted with: ACG X011

### Freshman Year - Fall

- 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

- 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

- 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

- ACG 2071 Principles of Managerial Accounting 3 hrs
- ECO 3401 Quantitative Business Tools I 3 hrs

### Junior Year - Spring

- MAR 3023 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

### Senior Year - Spring

- MAN 4330 Compensation Administration 3 hrs
- Restricted Elective 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

### Entrepreneurship Track

#### Junior Year - Fall

- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 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
- GEB 3003 Career Research & Planning 1 hr

#### Senior Year - Fall

- MAN 4320 Human Resources Recruitment and Selection 3 hrs
- MAN 4350 Training and Development 3 hrs
- Restricted Elective 3 hrs
- ECO 3411 Quantitative Business Tools II 3 hrs
- Restricted Elective 3 hrs
- GEB 4223 Business Interviewing Techniques 1 hr

### General Management Track

#### Junior Year - Fall

- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 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
- BUL 3130 Legal and Ethical Environment of Business 3 hrs

### Human Resource Management Track

#### Junior Year - Fall

- GEB 3031 Cornerstone: Professional Skills for Business 3 hrs
- 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
- GEB 3003 Career Research & Planning 1 hr
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 203 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.oeps.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 3023 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 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required CGS 2100C Computer Fundamentals for Business 3 hrs
- Prefer MAC 1105C College Algebra 3 hrs

C: Mathematical Foundations (6 hrs)
- Required MAC 2311 and MAC 2312 3 hrs
- Prefer MAC 2311 and MAC 2312 3 hrs

D: Social Foundations (6 hrs)
- Select 1: 3 hrs
- Prefer ECO 2013 Principles of Macroeconomics 3 hrs
- Prefer ECO 2023 Principles of Microeconomics 3 hrs
- Select 1: 3 hrs
- Suggested PSY 2072 General Psychology 3 hrs
- Suggested ANT 2000 General Anthropology 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 2233 Concepts of Calculus and 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 3023 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 3391</td>
<td>Professional Selling</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAR 3503</td>
<td>Consumer Behavior</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAR 3613</td>
<td>Marketing Analysis and Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAR 4803</td>
<td>Marketing Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAR 4804</td>
<td>Marketing Strategy</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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 4841 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 responses to questions on the application form and in 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 4023 Marketing 3 hrs
- MAN 4025 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.

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
- Available

Related Programs
- None

Certificates
- Marketing: Entertainment Marketing
- Marketing: Healthcare Marketing
- Marketing: Retailing Management
- Marketing: Selling and Sales Management
- Marketing: Services Marketing
- Marketing: Sport Marketing Management
- Marketing: e-Marketing

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, can 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, and all prerequisites to marketing courses.

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- Must complete nine hours in a summer semester

Freshman Year - Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAC 1105C</td>
<td>College Algebra</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
UCF Degree Programs

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
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
Elective 3 hrs

Junior Year - Spring 14 hrs
MAR 3203 Supply Chain and Operations Management 3 hrs
Restricted Elective 3 hrs

Senior Year - Spring 14 hrs
MAN 4720 Strategic Management 4 hrs
MAR 4804 Marketing Strategy 3 hrs
Restricted Elective 3 hrs
GEB 404 Executing Your Career Plan 1 hr

Marketing: Professional Selling Track
Freshman 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 - Fall 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 4413C 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

Program Academic Learning Compacts

<table>
<thead>
<tr>
<th>Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:</th>
<th><a href="http://www.oeas.ucf.edu/alcacademic_learning_compacts.htm">http://www.oeas.ucf.edu/alcacademic_learning_compacts.htm</a></th>
</tr>
</thead>
</table>

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

Dr. Constance Schober, MAP 312, Constance.Schober@ucf.edu, 407-823-0147

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

Dr. Constance Schober, MAP 312, Constance.Schober@ucf.edu, 407-823-0147

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
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)
   - 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)
         - Check track requirements before selecting.
         Required PHY 2048C Physics for Engineers & Scientists I 4 hrs
         Suggested BSC 2010C Biology I or GEP/CPP 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
         or
         CHM 2040 Chemistry Fundamentals IA and GEP
         CHM 2041 Chemistry Fundamentals IB GEP
         or
         BSC 2010C Biology I or 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 and CPP
      Basic Core: Additional requirements
         MAS 3106 Linear Algebra 4 hrs
      - and depending on concentration, select either
         - Can use for all Concentrations
            MHP 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)
   - Required in Mathematical Biology Concentration
   - 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 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 any 4000 or 5000 level course with an MAA, MAD, MAS,
      or MTG prefix offered by the Department of Mathematics
      except MTG 4212
      Take all of the following: 9 hrs
      MAA 4402 Introduction to Complex Variables and 3 hrs
      MAA 4431 Partial Differential Equations and 3 hrs
      MAP 4303 Ordinary Differential Equations II 3 hrs
      Select 1: 3 hrs
      MAP 4384 Numerical Methods for Computational 4 hrs
      Sciences or
      MAP 4113 Probability, Random Processes and 4 hrs
      Applications
   B. Applied Mathematics Concentration 22 hrs
      Take all of the following: 9 hrs
      MAA 4402 Introduction to Complex Variables and 3 hrs
      MAA 4431 Partial Differential Equations and 3 hrs
      MAP 4303 Ordinary Differential Equations II 3 hrs
      Select 1: 3 hrs
      MAP 4384 Numerical Methods for Computational 4 hrs
      Sciences or
      MAP 4113 Probability, Random Processes and 4 hrs
      Applications
      Select 1: 3 hrs
      MAA 4223 Advanced Calculus I or 3 hrs
      MAP 4341 Partial Differential Equations II 3 hrs
      MAP 4342 Partial Differential Equations II 3 hrs
      Select 1: 3 hrs
      MAP 4153 Vector and Tensor Analysis or 3 hrs
      MAP 4171 Optimization or 3 hrs
      MAP 4371 Numerical Methods for Differential 3 hrs
      Equations or
      MAD 4203 Introduction to Combinatorics 3 hrs

1 if MAP 4113 taken as part of the core
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 4302 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
MAA 5228 Analysis I or 3 hrs
MTG 5256 Differential Geometry or 3 hrs
MAP 4342 Partial Differential Equations II or 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
2 045C
CHM 2046 Chemistry Fundamentals 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 and 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 4164 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 and 3 hrs
Any 4000 or 5000 level course with a 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

Take all of the following: 21 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 or 3 hrs

Select 1: 3 hrs
1 MAP 4113 Probability, Random Processes and Applications or 4 hrs
2 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

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 and 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 or 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 or 3 hrs

-Select 1: 3 hrs
MAM 4402 Introduction to Combinatorics or 3 hrs
MAD 4203 Introduction to Graph Theory or 3 hrs
MAD 4301 Introduction to Graph Theory or 3 hrs

1 Only if MAP 4113 taken as part of the core.

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 and 4 hrs

Take all of the following: 18 hrs
egen 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 or 3 hrs

Select 1: 3 hrs
EGN 3420 Engineering Analysis or 3 hrs
EGN 3321 Engineering Analysis-Dynamics or 3 hrs
EGN 3322 Engineering Analysis-Circuits or 3 hrs
EEL 4768 Computer Architecture or 3 hrs

Select 1: 3 hrs
PHY 3101 Physics for Engineers and Scientists I and 3 hrs
PHY 3101 Physics for Engineers and Scientists II and 3 hrs

1 Only if MAP 4113 taken as part of the core.
Select at least 6 hours: 6 hrs
CWS 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
ECE 3332C  Digital Systems or 3 hrs
ECE 3340  Engineering Economic Analysis or 2 hrs
EEL 3470  Electromagnetic Fields or 3 hrs
EEL 3552C  Analog and Digital Communication or 4 hrs
EML 3657  Linear Control Systems or 3 hrs
EML 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 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
EMA 3262  Kinematics of Mechanisms or 3 hrs
EMA 3701  Fluid Mechanics I or 3 hrs
EMA 4142  Heat Transfer or 3 hrs
EMA 4312C  Feedback Control or 3 hrs
EMA 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  Electromagnetics I or 3 hrs
PHY 4324  Electromagnetics 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 3 hrs

1 Only if MAP 4113 taken as part of the core.

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, with departmental advisor’s approval. 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 course used to satisfy the degree program.
    - Participate in an exit interview.
    - Fulfill Exit Examination requirement.

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
   - Aerospace Engineering
   - Biology
   - Biomedical Sciences
   - Chemistry
   - Computer Science
   - Economics
   - Electrical Engineering
   - Industrial Engineering
   - Mathematics Education
   - Mechanical Engineering
   - Physics
   - Statistics

Certificates
   - Educational Studies

Related Minors
   - Actuarial Science
   - Bioengineering
   - Biology
   - Biomedical Sciences
   - Chemistry
   - Computer Science
   - Economics
   - Education
   - Environmental Studies
   - Information Technology
   - Mathematics
   - Mathematics Education
   - Physics
   - Statistics
   - Technological Entrepreneurship

Advising Notes
   - Students with adequate preparation can consult with the department undergraduate advisor on substituting graduate classes for departmental electives.

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 prior to transferring to UCF:
     - Computer Programming: may use any programming course with a COP prefix.
     - Laboratory Science: may use any GLY, PHY, CHM or BSC course with a lab designed for science majors; however, the biology, chemistry and physics classes are core requirements and 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.
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 Chemistry Placement Test – http://knightsource.sdes.ucf.edu/placement
- Prior to enrolling in Math, take Math Placement Test – http://utc.sdes.ucf.edu

Freshman Year - Fall
16 hrs
- MAC 2311C Calculus with Analytic Geometry I 4 hrs
- ENC 1101 Composition I 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Freshman Year - Spring
16 hrs
- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- NHF 3302 Logic and Proof in Mathematics 3 hrs
- ENC 1102 Composition II 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Sophomore Year - Fall
15 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- PHY 2048C Physics for Engineers & Scientists I 4 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Sophomore Year - Spring
14 hrs
- MAP 2302 Ordinary Differential Equations I 3 hrs
- MAS 3106 Linear Algebra 4 hrs
- PHY 2049C Physics for Engineers and Scientists II 4 hrs
- COP 3502C Computer Science I 3 hrs

Junior Year - Fall
14 hrs
- MAA 4226 Advanced Calculus I 4 hrs

Select 1 of the following:
- MAP 4384 Numerical Methods for Computational Sciences or 4 hrs
- MAP 4113 Probability, Random Processes and Applications 4 hrs
- MAP 4341 Introduction to Partial Differential Equations 3 hrs
- GEP 3 hrs

Junior Year - Spring
15 hrs
- MAA 4227 Advanced Calculus II 3 hrs
- MAA 4402 Introduction to Complex Variables 3 hrs
- MAP 4342 Partial Differential Equations II 3 hrs
- MAP 4303 Ordinary Differential Equations II 3 hrs
- Elective 3 hrs

Senior Year - Fall
15 hrs
- MAA 4203 Introduction to Combinatorics 3 hrs
- MAP 4153 Vector and Tensor Analysis 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs

Senior Year - Spring
15 hrs
- MAP 4301 Introduction to Graph Theory 3 hrs
- MTG 4302 Introduction to Topology 3 hrs
- 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.oelas.ucf.edu/alc/academic_learning_compacts.htm

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
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 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) (37 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

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)
- Prefer POS 2041 American National Government 3 hrs
- Prefer PSY 2012 General Psychology 3 hrs

E: Science Foundations (6 hrs)
- Prefer PSC 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 3 hrs
2. Common Program 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 4 hrs
- MAC 2312 Calculus with Analytic Geometry II GEP 4 hrs
- MAC 2313 Calculus with Analytic Geometry III GEP 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 4 hrs
- MAC 2312 Calculus with Analytic Geometry II GEP 4 hrs
- MAC 2313 Calculus with Analytic Geometry III GEP 4 hrs
- MAP 2302 Ordinary Differential Equations I 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.

Lifelong Learning Track 9 hrs
- MAC 2311C Calculus with Analytic Geometry I GEP 4 hrs
- STA 2023 Statistical Methods I GEP 4 hrs
- MAC 2312 Calculus with Analytic Geometry II GEP 4 hrs
- MAC 2313 Calculus with Analytic Geometry III GEP 4 hrs
- MAP 2302 Ordinary Differential Equations I 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

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
- 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 4634 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 4634 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/clinicalexperiences/
- Satisfactory completion of Internship I 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

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.

- 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
- 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 2000 Introduction to Digital Media 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
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 1102 Composition II 3 hrs
MAC 2312 Calculus with Analytic Geometry II 4 hrs
SPC 1608 Fundamentals of Oral Communication 3 hrs
AMH 2020 U.S. History: 1877-Present 3 hrs

Select 1: 3 hrs
ANT 2511 The Human Species or
BSC 1005 Biological Principles 3 hrs

Freshman Year - Summer 10 hrs
MAC 2313 Calculus with Analytic Geometry III 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 3 hrs
MIF 3302 Logic and Proof in Mathematics 3 hrs

Lifelong Learning Track 3 hrs
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 10 hrs
MAS 3105 Matrix and Linear Algebra 4 hrs
MAS 3203 Introduction to Number Theory and its Applications 3 hrs
EDF 2130 Child and Adolescent Development for Educators 3 hrs

Lifelong Learning Track 7 hrs
MHS 2330 Career Planning and Counseling 3 hrs
Choose Lifelong Learning Specialization course 4 hrs

Junior Year - Fall 13 hrs
EDF 2130 Child and Adolescent Development for Educators 3 hrs
EDP 2270 Adult Development & Learning 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
MTG 4212 Modern Geometries 4 hrs

Education Track 4 hrs
MTG 4212 Modern Geometries 4 hrs

Lifelong Learning Track 4 hrs
Choose Lifelong Learning Specialization course 4 hrs

Senior Year - Fall 13 hrs
EDF 4603 Analysis and Application of Ethical, Legal, and Safety Issues in Schools 3 hrs

Education Track 3 hrs
MAE 4360 Mathematics Instructional Analysis 4 hrs
MIF 4404 History of Mathematics 3 hrs
MAE 3540 Internship 3 hrs

Lifelong Learning Track 10 hrs
Choose Lifelong Learning Specialization course 10 hrs
### 2. Common Program Prerequisites (CPP)

- 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2312 Calculus with Analytic Geometry II</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2313 Calculus with Analytic Geometry III</td>
<td>4</td>
</tr>
<tr>
<td>MAP 2302 Ordinary Differential Equations I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2048C Physics for Engineers &amp; Scientists I</td>
<td>4</td>
</tr>
<tr>
<td>PHY 2049C Physics for Engineers and Scientists II</td>
<td>4</td>
</tr>
</tbody>
</table>

1 A “C” (2.0) or better is required in this course.

### 3. Core Requirements: Basic Level

**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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2040 Chemistry Fundamentals IA and</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2041 Chemistry Fundamentals IB</td>
<td>3</td>
</tr>
</tbody>
</table>

**or- Second alternative**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2048C Chemistry Fundamentals I</td>
<td>4</td>
</tr>
</tbody>
</table>

### 4. Core Requirements: Advanced Level

**Required Courses: Advanced** (63 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EGN 3301 Engineering Analysis-Statics</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3343 Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3365 Structure and Properties of Materials</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3373 Principles of Electrical Engineering</td>
<td>3</td>
</tr>
<tr>
<td>STA 3032 Probability and Statistics for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>EML 3034C Modeling Methods in Mechanical and Aerospace Engineering</td>
<td>3</td>
</tr>
<tr>
<td>EML 3303C Mechanical Engineering Measurements</td>
<td>3</td>
</tr>
<tr>
<td>EGM 3601 Solid Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>EML 3701 Fluid Mechanics I</td>
<td>3</td>
</tr>
<tr>
<td>EML 4142 Heat Transfer</td>
<td>3</td>
</tr>
<tr>
<td>EML 3217 Engineering Mechanics - Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>EML 4225 Introduction to Vibrations and Controls</td>
<td>3</td>
</tr>
<tr>
<td>EML 3500 Design and Analysis of Machine</td>
<td>3</td>
</tr>
<tr>
<td>Components</td>
<td></td>
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</tbody>
</table>

Select 2 of the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML 3101 Thermodynamics of Mechanical Systems</td>
<td>3</td>
</tr>
<tr>
<td>EML 4143 Heat Transfer II or EML 4313</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate System Dynamics and Controls</td>
<td></td>
</tr>
<tr>
<td>EML 4703 Fluid Mechanics II or EML 4504</td>
<td>3</td>
</tr>
<tr>
<td>Design &amp; Analysis of Machine Components II</td>
<td></td>
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</table>

Select 1 of the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML 4301C Mechanical Systems Lab or</td>
<td>3</td>
</tr>
<tr>
<td>EML 4306C Energy Systems Lab</td>
<td>3</td>
</tr>
</tbody>
</table>

### 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.
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML 4501C</td>
<td>Engineering Design I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EML 4502C</td>
<td>Engineering Design II</td>
<td>3 hrs</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
- None

9. Additional Requirements
- None

10. Required Minors
- None

11. Departmental Exit Requirements
- None

12. University Minimum Exit Requirements
- None
- 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
- Aerospace Engineering

Certificates
- None

Related Minors
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Engineering Leadership

Advising Notes
- Double Degree/Dual Major requirements listed under the 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML 3990</td>
<td>Mechanical Career and Academic Faculty</td>
<td>0 hrs</td>
</tr>
<tr>
<td>EML 4991</td>
<td>Mechanical Career and Academic Faculty</td>
<td>0 hrs</td>
</tr>
</tbody>
</table>

Transfer Notes
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The two credit hours for these courses will be substituted by an approved Mechanical Engineering technical elective for transfer students.
- 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 (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 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 3032 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 3701 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 3 hrs
- Upper Division Elective 3 hrs
- GEP 3 hrs

Senior Year - Fall (15 hrs)
- Upper Division Elective 3 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 3101 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
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_compacts.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 FDLE 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)
   D: Social Foundations (6 hrs)
   E: Science Foundations (8 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 1 hr)
   - STA 2023 Statistical Methods I (3 hrs)
   - ZOO 3733C General Zoology (5 hrs)
   - PCB 3703C Human Physiology (4 hrs)

Take all of the following: 16 hrs
   - CHM 2045C Chemistry Fundamentals I (GEP 4 hrs)
   - CHM 2046 Organic Chemistry I and 3 hrs
   - CHM 2046L Organic Chemistry Laboratory 1 hr

Take all of the following:
   - CHM 2210 Organic Chemistry I and 3 hrs
   - CHM 2211 Organic Chemistry II and 3 hrs
   - 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
   - PCB 3233 Immunology 3 hrs
   - MLS 4430C Clinical Parasitology 3 hrs
   - MLS 3305 Hematology 3 hrs
   - MLS 4550 Immunodiagnsics 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 4833L 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 1060C 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

Plan of Study
Freshman Year - Fall 16 hrs
- MAC 1105C College Algebra 3 hrs
- CHM 2045C Chemistry Fundamentals I 4 hrs
- GEP 9 hrs

Freshman Year - Spring 17 hrs
- 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 16 hrs
- CHM 2210 Organic Chemistry I 3 hrs
- ZOO 3733C Human Anatomy 4 hrs
- GEP 9 hrs

Sophomore Year - Spring 17 hrs
- 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
- PCB 3233 Immunology 3 hrs
- PCB 3233L Immunology Laboratory 1 hr
- MLS 4430C Clinical Parasitology 3 hrs

Junior Year - Spring 8 hrs
- 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 7 hrs
- MLS 4334 Hemostasis 3 hrs
- MLS 4550 Clinical Immunohematology 4 hrs

Senior Year - Fall 16 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

Senior Year - Spring 13 hrs
- 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.oecas.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)
10. Required Minors

9. Additional Requirements

8. Electives

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.

8. Electives

   • Select primarily from upper-level courses

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

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

   • 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 1122 Music Theory and Musicianship II 4 hrs

   • MUS 2360C Introduction to Music Technology 3 hrs

   • MUS 1010 Music Forum 0 hrs

   • MUL 2014 Introduction to Music History and Literature 3 hrs

   • MUX 141X Performance 2 hrs

   • GE E.1. Science Foundation 3 hrs

1 (GEP A.1.)

Freshman Year - Spring

   • ENC 1102 Composition II 3 hrs

   • MUT 1122 Music Theory and Musicianship II 4 hrs

   • MVK 1112 Class Piano II 1 hr

   • MUS 1010 Music Forum 0 hrs

   • MUS 2360C Introduction to Music Technology 3 hrs

   • MUX 141X Performance 3 hrs

   • MUS XXXX Ensemble 1 hr

   • GE E.1. Science Foundation 3 hrs

1 (GEP A.1.)

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

   • MUX 141X Performance 2 hrs

   • MUX XXXX Ensemble 1 hr

   • GE E.1. Science Foundation 3 hrs

1 (GEP A.1.)

Sophomore Year - Spring

   • MUT 2127 Music Theory and Musicianship IV 4 hrs

   • MVK 2122 Class Piano IV 1 hr

   • MUS 1010 Music Forum 0 hrs

   • MGF 1106 Finite Mathematics 3 hrs

   • MUX XXXX Ensemble 1 hr

   • GE E.1. Science Foundation 3 hrs

   • GE E.1. Cultural & Historical Foundation 3 hrs

   • MUX XXXX Ensemble 1 hr

   • ME XXXX Ensemble 1 hr

   • MUH XXXX Music History and Literature I 3 hrs

   • MUX XXXX Music History and Literature II 3 hrs

   • MVX XXXX Performance 3 hrs

   • MUS XXXX Performance 3 hrs

   • GA XXXX General Electives 9 hrs

   • GE E.1. Science Foundation 3 hrs

   • GE E.2. Social Science 3 hrs

   • GE E.3. Natural Science 3 hrs

   • GE E.4. Humanities 3 hrs

1 (GEP A.2.)

Sophomore Year - Spring

   • ENC 1102 Composition II 3 hrs

   • MUT 1122 Music Theory and Musicianship II 4 hrs

   • MVK 1112 Class Piano II 1 hr

   • MUS 1010 Music Forum 0 hrs

   • MUS 2360C Introduction to Music Technology 3 hrs

   • MUX 141X Performance 3 hrs

   • MUS XXXX Ensemble 1 hr

   • MUH XXXX Music History and Literature II 3 hrs

   • MVX XXXX Performance 3 hrs

   • MUX XXXX Performance 3 hrs

   • GA XXXX General Electives 9 hrs

   • GE E.1. Science Foundation 3 hrs

   • GE E.2. Social Science 3 hrs

   • GE E.3. Natural Science 3 hrs

   • GE E.4. Humanities 3 hrs

1 (GEP A.2.)
UCF Degree Programs

Junior Year - Fall 15 hrs
- MUC 34XX Music Required Elective 3 hrs
- MUC 44XX Music Required Elective 3 hrs
- MUC 44XX Music Required Elective 3 hrs
- XXX 4XXX Non-Music Required Elective 3 hrs

Junior Year - Spring 15 hrs
- Music and History Literature II 3 hrs
- Elective 3 hrs
- MUC 34XX Music Required Elective 3 hrs
- MUC 44XX Music Required Elective 3 hrs
- XXX 4XXX Non-Music Required Elective 3 hrs

Senior Year - Fall 15 hrs
- GEP D.1. Social Foundation 3 hrs
- XXX 4XXX Non-Music Required Elective 3 hrs
- MUC 34XX Music Required Elective 3 hrs
- GEP E.2. Science Foundation 3 hrs
- XXX 4XXX Non-Music Required Elective 3 hrs

Senior Year - Spring 12 hrs
- MUS 4900 Music BA Capstone Project 3 hrs
- GEP D.2. Social Foundation 3 hrs
- XXX 4XXX Non-Music Required Elective 3 hrs
- XXX 4XXX Non-Music Required Elective 3 hrs

Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oias.ucf.edu/acl/academic_learning_compacts.htm

Equipment Fees
- Full-Time Student: $90 per term
- Part-Time Student: $45 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: musicaud@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 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 Musicianship 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 prerequisite 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/ 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 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
1 MUN 3713 Jazz Ensemble 1 hr
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
1 Four semesters for total 4 hrs
3 hrs
3 hrs
4 hrs
4 hrs
4 hrs
4 hrs
1 MUS 1010 Music Forum 0 hrs
MUL 2016 Evolution of Jazz 3 hrs
GEP

1 Eight semesters

3. Core Requirements: Basic Level (6 hrs)
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- Suggested MUS 1010 Music Forum 0 hrs
- MUL 2016 Evolution of Jazz GEP

4. Core Requirements: Advanced Level (54 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 3053 Recital Performance I 0 hrs
- MUS 4954 Recital Performance II 0 hrs

Select 1:
- MUH 3211 Music History and Literature I 3 hrs
- MUH 3212 Music History and Literature II 3 hrs
1 Four semesters for total 12 hrs

UNIVERSITY OF CENTRAL FLORIDA 260 Undergraduate Catalog 2014-2015
### Specialty Requirements (Choose one): 27 hrs
- **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 1219 Jazz Drum Set I 2 hrs
  - MVJ 2229 Jazz Drum Set II 2 hrs
  - MVJ 3339 Jazz Drum Set III 3 hrs
  - MVJ 4349 Jazz Drum Set IV 4 hrs
  - MVP 1211 Secondary Percussion 1 hr
  - Restricted Electives 3 hrs

5. Restricted Electives
- Any secondary performance course not in area of major
- 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

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**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 Programs**
- Digital Media

**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**
- Program A: Jazz Trumpet, Trombone, Saxophone

**Freshman Year - Fall**
- ENC 1101 Composition I 3 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MVK 1111 Class Piano I 1 hr
- MUS 1010 Music Forum 0 hrs
- MUL 2016 Evolution of Jazz 3 hrs
- MVX 141X Performance I 2 hrs

**Freshman Year - Spring**
- ENC 1102 Composition II 3 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MVX 1112 Class Piano II 1 hr
- MUS 1010 Music Forum 0 hrs
- MVX 141X Performance I 2 hrs
- Science Foundation 3 hrs

**Sophomore Year - Fall**
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MVX 2360C Introduction to Music Technology 3 hrs
- MVX 242X Performance I 2 hrs

**Sophomore Year - Spring**
- MUN 3713 Jazz Ensemble 1 hr
- MVX 242X Performance I 2 hrs
- Professional Sequence Entrance Review

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**UCF Degree Programs**

**Undergraduate Catalog 2014-2015**

**UNIVERSITY OF CENTRAL FLORIDA**
## UCF Degree Programs

### Junior Year - Fall 16 hrs
- MUT 3923 Jazz Workshop 3 hrs
- MUS 1010 Music Forum 0 hrs
- MGF 1106 Finite Mathematics 3 hrs
- Cultural & Historical Foundation 3 hrs
- MVX 343X Performance III 3 hrs
- MUX 3/4XXX Restricted Elective 3 hrs
- MUX 3XXX Restricted Elective 1 hr

### Sophomore Year - Fall 17 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs
- MUH 3211 Music History and Literature I 3 hrs
- MUT 3923 Jazz Workshop 3 hrs
- MUS 1010 Music Forum 0 hrs
- MUS 3953 Recital Performance I 0 hrs
- MVX 343X Performance III 3 hrs
- MVX 3XXX Performance IV 4 hrs

### Freshman Year - Fall 15 hrs
- ENC 1101 Composition I 3 hrs
- MUT 1121 Music Theory and Musicianship I 4 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MKV 1111 Class Piano I 1 hr
- MUS 1010 Music Forum 0 hrs
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MVX 1XXX Performance I 2 hrs
- MVX 121X Secondary Performance 1 hr

### Senior Year - Fall 16 hrs
- MUS 1010 Music Forum 0 hrs
- MUT 3923 Jazz Workshop 3 hrs
- MUS 4320 Music Business and Industry 3 hrs
- MUS 4954 Recital Performance II 0 hrs
- MVX 4XXX Performance IV 3 hrs
- GEP D.2 Social Foundation 3 hrs

### Senior Year - Spring 13 hrs
- MUH 4814 Jazz Styles and Analysis 3 hrs
- MUH 3211 Music History and Literature I 3 hrs
- MUS 2360C Introduction to Music Technology 3 hrs
- MUS 3953 Recital Performance I 0 hrs
- MUX 3/4XXX Restricted Elective 3 hrs
- MVX 3XXX Performance III 3 hrs

### Program B: Jazz Piano, Guitar, Bass, Drum Set

- Program B: Jazz Piano, Guitar, Bass, Drum Set

### Freshman Year - Fall 15 hrs
- ENC 1102 Composition II 3 hrs
- MUT 1122 Music Theory and Musicianship II 4 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MKV 1111 Class Piano I 1 hr
- MUS 1010 Music Forum 0 hrs
- MUL 2014 Introduction to Music History and Literature 3 hrs
- MVX 1XXX Performance I 2 hrs
- MVX 121X Secondary Performance 1 hr

### Sophomore Year - Fall 17 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- MUT 2126 Music Theory and Musicianship III 4 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MKV 2121 Class Piano III 1 hr
- MUT 3170 Jazz Theory I 3 hrs
- MUS 1010 Music Forum 0 hrs
- MGF 1106 Finite Mathematics 3 hrs
- MVX 2XXX Performance II 2 hrs

### Sophomore Year - Spring 14 hrs
- MUT 2127 Music Theory and Musicianship IV 4 hrs
- MUN 3713 Jazz Ensemble 1 hr
- MKV 2122 Class Piano IV 1 hr
- MUT 3171 Jazz Theory II 3 hrs
- MUS 1010 Music Forum 0 hrs
- MVX 2XXX Performance II 2 hrs
- Cultural & Historical Foundation 3 hrs

### Junior Year - Fall 13 hrs
- MUT 3923 Jazz Workshop 3 hrs
- MUS 1010 Music Forum 0 hrs
- Cultural & Historical Foundation 3 hrs
- MVX 3XXX Performance III 3 hrs
- MUX 3/4XXX Restricted Electives 3 hrs
- MVX 121X Secondary Performance 1 hr
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 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)
- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs
- Prefer SPC 1068 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required MTH 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 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
- 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
- MX1 14X Performance I (two semesters) 4 hrs
- MX2 24X Performance II (two semesters)

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 4950 Composition Recital 0 hrs

One course selected from MUC/MUH/MUS/MUT, 3000 level or above

1. Two semesters for total 6 hrs
2. Two semesters for total 8 hrs

5. Restricted Electives (9 hrs)
- 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.

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

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
## UCF Degree Programs

### Related 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
- **14 hrs**
  - ENC 1101 Composition I  3 hrs
  - MUT 1121 Music Theory and Musicianship I  4 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
  - MVX 141X Performance I  2 hrs

#### Freshman Year - Spring
- **16 hrs**
  - ENC 1102 Composition II  3 hrs
  - MUT 1122 Music Theory and Musicianship II  4 hrs
  - MVK 1112 Class Piano II  1 hr
  - MUS 2360C Introduction to Music Technology  3 hrs
  - MUS 1010 Music Forum  0 hrs
  - MUN XXXX Major Ensemble  1 hr
  - MVX 141X Performance I  1 hr
  - Science Foundation  3 hrs

#### Sophomore Year - Fall
- **15 hrs**
  - SPC 1608 Fundamentals of Oral Communication  3 hrs
  - MUT 2126 Music Theory and Musicianship III  4 hrs
  - MVK 2121 Class Piano III  1 hr
  - MUC 1101C Composition I  2 hrs
  - MUG 3104 Basic Conducting  2 hrs
  - MUS 1010 Music Forum  0 hrs
  - MUN XXXX Major Ensemble  1 hr
  - MVX 242X Performance II  2 hrs

#### Sophomore Year - Spring
- **16 hrs**
  - 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

1. (GEP C.1.)
2. (GEP C.2.)

#### Junior Year - Fall
- **16 hrs**
  - 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
- **16 hrs**
  - 1 STA 1063C Basic Statistics Using Microsoft Excel  3 hrs
  - 2 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 Elective  3 hrs

1. (GEP C.2.)
2. GEP

#### Senior Year - Fall
- **13 hrs**
  - 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
- **13 hrs**
  - MUC 4106C Composition IV  4 hrs
  - MUC 4550 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 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 Performance level III.
- 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.ucf.edu/students](http://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.
- At least 65 hours of credit must be earned in music courses.
  - 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

Take all of the following: 6 hrs
   - Required ENC 1101 Composition I and
   - Required ENC 1102 Composition II

B: Cultural & Historical Foundations (9 hrs)
   - Required MUH 3212 Music History and Literature II
   - Select one course from 1.B.1 list
   - Select one course from 1.B.2 list

C: Mathematical Foundations (6 hrs)
   - Suggested MGF 1106 Finite Mathematics or
   - Suggested MGF 1107 Explorations in Mathematics

Statistics - Computers 3 hrs
   - Select a course from GEP C.2 list

D: Social Foundations (6 hrs)

E: Science Foundations (6 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)
   - MUL 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
   - MUH 3211 Music History and Literature I 3 hrs
   - MUH 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)
   - Choose one MUT 3XXX or MUT 4XXX course 3 hrs

Specialty Requirements (Choose One): 22 hrs
   - Piano 22 hrs
     - MUL 3400 Piano Literature I and 2 hrs
     - MUL 3401 Piano Literature II and 2 hrs
     - MVK 4640 Piano Pedagogy I and 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 22 hrs
     - MUL 4437 String Literature and Pedagogy and 3 hrs
     - MUN 3487 Guitar Ensemble and 1 hr
     - MVK 4640 Guitar Pedagogy and 2 hrs
     - Restricted Electives and 12 hrs
     - Electives 5 hrs
   - Voice 22 hrs
     - 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 22 hrs
   - 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 22 hrs
   - 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 22 hrs
   - MUL 3463 Percussion Literature and Pedagogy and 3 hrs
   - MVP 3630 Percussion Pedagogy and 3 hrs
   - MUN XXXX Major Ensembles and 2 hrs
   - MUN XXXX Minor Ensembles and 7 hrs
   - Electives 5 hrs

Strings 22 hrs
   - 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

   - 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.
       - Students taking a course in Performance must
         concurrently take a major ensemble appropriate to their
         principal instrument or voice.
     - 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.
### UCF Degree Programs

#### 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 - Musical Theatre Track

#### Certificates
- None

#### Related Minors
- Music
- Theatre
- Digital Media

#### 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
- Program A: Strings, Woodwinds, Brass

### 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)
- MUL 2014: Introduction to Music History and Literature (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MVX 141X: Performance I (2 hrs)

### Freshman Year - Spring
- ENC 1102: Composition II (3 hrs)
- MUT 1122: Music Theory and Musicianship II (4 hrs)
- MVK 1112: Class Piano II (1 hr)
- MUS 1010: Music Forum (0 hrs)
- MUS 2360C: Introduction to Music Technology (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MVX 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 III (4 hrs)
- MVK 2121: Class Piano III (1 hr)
- MUS 1010: Music Forum (0 hrs)
- MUG 3104: Basic Conducting (2 hrs)
- STA 1063C: Basic Statistics Using Microsoft Excel (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor 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)
- MUS 1010: Music Forum (0 hrs)
- MGF 1106: Finite Mathematics (3 hrs)
- Cultural & Historical Foundation (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor Ensemble (1 hr)
- MVX 242X: Performance II (2 hrs)

### Junior Year - Fall
- MUT 3421: Music History and Literature I (3 hrs)
- MUS 1010: Music Forum (0 hrs)
- Cultural & Historical Foundation (3 hrs)
- MVX 343X: Performance III (3 hrs)
- MUX 3/4XXX: Restricted Electives (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor Ensemble (1 hr)

### Junior Year - Spring
- MUT 3422: Music History and Literature II (3 hrs)
- MUS 1010: Music Forum (0 hrs)
- MUX 3/4XXX: Restricted Electives (3 hrs)
- MVX 343X: Performance III (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor Ensemble (1 hr)

### Senior Year - Fall
- MUT 1010: Music Forum (0 hrs)
- Free Elective (2 hrs)
- Social Foundation (3 hrs)
- MVX 141X: Performance I (2 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Restricted Elective (1 hr)

### Senior Year - Spring
- MUT 1010: Music Forum (0 hrs)
- Free Elective (2 hrs)
- Social Foundation (3 hrs)
- MVX 141X: Performance I (2 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Restricted Elective (1 hr)

### Program B: Percussion

### 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)
- MUL 2014: Introduction to Music History and Literature (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MVX 141X: Performance I (2 hrs)

### Freshman Year - Spring
- ENC 1102: Composition II (3 hrs)
- MUT 1122: Music Theory and Musicianship II (4 hrs)
- MVK 1112: Class Piano II (1 hr)
- MUS 1010: Music Forum (0 hrs)
- MUS 2360C: Introduction to Music Technology (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MVX 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 III (4 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor Ensemble (1 hr)
- MVX 242X: Performance II (2 hrs)

### Sophomore Year - Spring
- SPC 1608: Fundamentals of Oral Communication (3 hrs)
- MUT 2126: Music Theory and Musicianship III (4 hrs)
- MUN XXXX: Minor Ensemble (1 hr)
- MVX 242X: Performance II (2 hrs)

### Junior Year - Fall
- MUT 3421: Music History and Literature I (3 hrs)
- MUS 1010: Music Forum (0 hrs)
- Cultural & Historical Foundation (3 hrs)
- MVX 343X: Performance III (3 hrs)
- MUX 3/4XXX: Restricted Electives (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor Ensemble (1 hr)

### Junior Year - Spring
- MUT 3422: Music History and Literature II (3 hrs)
- MUS 1010: Music Forum (0 hrs)
- MVX 343X: Performance III (3 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Minor Ensemble (1 hr)

### Senior Year - Fall
- MUT 1010: Music Forum (0 hrs)
- Free Elective (2 hrs)
- Social Foundation (3 hrs)
- MVX 141X: Performance I (2 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Restricted Elective (1 hr)

### Senior Year - Spring
- MUT 1010: Music Forum (0 hrs)
- Free Elective (2 hrs)
- Social Foundation (3 hrs)
- MVX 141X: Performance I (2 hrs)
- MUN XXXX: Major Ensemble (1 hr)
- MUN XXXX: Restricted Elective (1 hr)

### Program Notes
- Computer Competency met by the following course, or departmental examination:
  - MUS 2360C: Introduction to Music Technology (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 for equivalency credit. The student must provide all supporting information.

### Acceptable Substitutes for Transfer Courses
- None

### Plan of Study
- Program A: Strings, Woodwinds, Brass
- Program B: Percussion
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<td>MVV 4346</td>
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<td>Cultural &amp; Historical Foundation</td>
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<td>Foreign Language Elementary Level II</td>
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<td>MUS 1010</td>
<td>MUN XXXX Major Ensemble</td>
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<td>1 hr</td>
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<td>MVV 4441</td>
<td>MVV 4441</td>
<td>4 hrs</td>
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<td>Voice IV</td>
<td>Social Foundation</td>
<td>3 hrs</td>
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<td>MUS 1010</td>
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<td>MUS 4954</td>
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<td>Recital Performance II</td>
<td>Voice IV</td>
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<td>MUX 3/4XXX Restricted Electives</td>
<td>MUN XXXX Major Ensemble</td>
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### 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
- Full-Time Student: $45 per term
- Full-Time Student: $90 per term

### Admission Requirements - Music Education

#### Admission Requirements - Music Education
- Audition. To be accepted in to 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.

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**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

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268 Undergraduate Catalog 2014-2015
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-5.5.066, Approval of Pre-service Teacher Preparation Programs.

Degree Requirements

- None

1. UCF General Education Program (GEP) (36 hrs)

<table>
<thead>
<tr>
<th>(See General Education Program for detailed information)</th>
</tr>
</thead>
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A: Communication Foundations (9 hrs)

- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

Take all of the following: 6 hrs

- Required ENC 1101 Composition I 3 hrs
- Required ENC 1102 Composition II 3 hrs

B: Cultural & Historical Foundations (9 hrs)

- Required MUH 3212 Music History and Literature II 3 hrs
- Preferred AMH 2010 U.S. History: 1450-1877 3 hrs
- Preferred AMH 2020 U.S. History: 1877-Present 3 hrs

C: Mathematical Foundations (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 Exam.

Statistics - Computers 3 hrs

Select a course from GEP C.2 list

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

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
MVK 2122 Class Piano IV 1 hr
MUS 1010 Music Forum 0 hrs
MUN XXXX Major Ensembles (4 semesters) 4 hrs
MVX 141X Performance I (2 semesters) 4 hrs
MVX 242X Performance II (2 semesters) 4 hrs

1 4 semesters

3. Core Requirements: Basic Level (5 hrs)

- MUS 1010 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
MVK 2122 Class Piano IV CPP
MUN XXXX Major Ensembles (2 semesters) 2 hrs

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 and 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 3 hrs
TSL 4080 Theory and Practice of Teaching ESOL Students in Schools and 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

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
Program B - Choral

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<th>Hours</th>
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<td>MUS 1250</td>
<td>IPA for Singers</td>
<td>1 hr</td>
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<tr>
<td>MUG 3202</td>
<td>Choral Conducting and Materials</td>
<td>2 hrs</td>
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<td>MVV 4640</td>
<td>Voice Pedagogy</td>
<td>2 hrs</td>
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<td>MUE 4331</td>
<td>Secondary Choral Methods I</td>
<td>3 hrs</td>
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<td>MUE 4335</td>
<td>Secondary Choral Methods II</td>
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<td>MUE 4943</td>
<td>Music Internship II</td>
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Select 3: 3 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 or 1 hr

Program C - Elementary School

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<tr>
<td>MUE 4393</td>
<td>Music and Students with Special Needs</td>
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<td>MUE 3353</td>
<td>General Music Literature and Techniques</td>
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<td>MUE 4331</td>
<td>Secondary Choral Methods I</td>
<td>3 hrs</td>
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<td>MUE 4943</td>
<td>Music Internship II</td>
<td>12 hrs</td>
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<tr>
<td>MUG 3X02</td>
<td>Choral or Instrumental Conducting and</td>
<td>2 hrs</td>
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<td>Materials</td>
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Select 4: 4 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 or 1 hr

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

- None

9. Additional Requirements

Admission to Internship I will be granted to students who meet the following requirements:

- Have on file passing scores on all 4 parts of the Florida Teacher Certification General Knowledge Test (no alternatives or waivers will be accepted).
- Possess minimum overall GPA of 2.5
- Possess minimum specialization GPA of 2.5
- Achieve a “C” or better in all prerequisite methods/specialization courses
- Complete a formal application for Internship I online (Deadlines: February 15 for fall semester and September 15 for spring semester).
- Current enrollment in or completion of Performance III (first semester).
- Completion of Music Education prerequisites and Education Core Requirements.
- Completion of all Specialty Area courses except Secondary Methods II (MUE 433X), Seminar in Music Teaching (MUE 4394) and Internship II (ESE 4943).
- Possess minimum professional preparation GPA of 2.5.
- Internship I: Students are assigned to a school with certified Supervising Teachers under the direction of a University Coordinator. During the semester, students spend two full days per week (Tuesday and Thursday) in assigned schools with half the time in an Elementary setting and half in a Secondary school setting. Students are expected to provide their own transportation to assigned locations.

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 Musicianship 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 2104 Introduction to Music History and Literature 3 hrs
- MVK 1112 Class Piano II 1 hr
- MUT 1122 Music Theory and Musicianship II 4 hrs
- MUS 1010 Music Forum 0 hrs
- GEP 3 hrs
- GEP 3 hrs
- MVX 141X Intro to Music Literature 3 hrs
- MUN XXXX Ensemble 1 hr
- CMENC/Schools

Sophomore Year - Fall 16 hrs
- MUT 2126 Music Theory and Musicianship 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 Musicianship 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
- MUE XXXX Techniques 1 hr
- MVX 343X Performance III 2 hrs
- MUN XXXX Ensemble 1 hr
- 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 3 hrs  
MUE 4441 String Methods 3 hrs  
GEP 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
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 3 hrs  
CMENC  
CMENC

Senior Year - Spring  
ESE 4943 Internship II - Secondary 7 hrs  
MUE 4394 Seminar in Music Teaching 1 hr  
GEP 3 hrs  
CMENC/Schools

Senior Year - Summer  
GEP 3 hrs  
GEP 3 hrs  
GEP 3 hrs  
CMENC/Schools

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 6 hrs  
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  
GEP 6 hrs  
MVX 141X Performance I 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Fall  
MUS 1010 Music Forum 0 hrs  
MUT 2126 Music Theory and Musicianship III 4 hrs  
MVK 2121 Class Piano III 1 hr  
MUN 3211 Music History and Literature I 3 hrs  
GEP 6 hrs  
MVX 242X Performance II 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Spring  
MUS 1010 Music Forum 0 hrs  
EDF 2086 Introduction to Diversity for Educators 3 hrs  
MUT 2127 Music Theory and Musicianship IV 4 hrs  
MVK 2122 Class Piano IV 1 hr  
MVK 3212 Music History and Literature II 3 hrs  
MVX 343X Performance III 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  
EDG 4410 Teaching Strategies and Classroom Management 3 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 Secondary Choral Methods II 3 hrs  
EDG 4410 Teaching Strategies and Classroom Management 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Junior Year - Summer  
GEP 3 hrs  
GEP 3 hrs  
GEP 3 hrs  
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  
EDG 4410 Teaching Strategies and Classroom Management 3 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 Secondary Choral Methods II 3 hrs  
EDG 4410 Teaching Strategies and Classroom Management 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Junior Year - Summer  
GEP 3 hrs  
GEP 3 hrs  
GEP 3 hrs  
CMENC/Schools

Senior Year - Fall  
MUS 1010 Music Forum 0 hrs  
MUG 3104 Basic Conducting 2 hrs  
MUE 4331 Secondary Choral Methods I 3 hrs  
EDG 4410 Teaching Strategies and Classroom Management 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Senior Year - Spring  
ESE 3940 Internship I - Secondary 3 hrs  
MUE 3333 Music Learning Theory and Assessment 3 hrs  
MUE 4311 Elementary School Music Methods 2 hrs  
TSL 4080 Theory and Practice of Teaching ESOL 3 hrs  
Students in Schools  
GEP 3 hrs  
CMENC

Senior Year - Summer  
GEP 3 hrs  
GEP 3 hrs  
GEP 3 hrs  
CMENC/Schools

Program C - Elementary Program

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 6 hrs  
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  
GEP 6 hrs  
MVX 141X Performance I 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Fall  
MUS 1010 Music Forum 0 hrs  
MUT 2126 Music Theory and Musicianship III 4 hrs  
MVK 2121 Class Piano III 1 hr  
MUN 3211 Music History and Literature I 3 hrs  
GEP 6 hrs  
MVX 242X Performance II 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Spring  
MUS 1010 Music Forum 0 hrs  
EDF 2086 Introduction to Diversity for Educators 3 hrs  
MUT 2127 Music Theory and Musicianship IV 4 hrs  
MVK 2122 Class Piano IV 1 hr  
MVK 3212 Music History and Literature II 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Fall  
MUS 1010 Music Forum 0 hrs  
MUT 2126 Music Theory and Musicianship III 4 hrs  
MVK 2121 Class Piano III 1 hr  
MVK 3212 Music History and Literature II 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Spring  
MUS 1010 Music Forum 0 hrs  
EDF 2086 Introduction to Diversity for Educators 3 hrs  
MUT 2127 Music Theory and Musicianship IV 4 hrs  
MVK 2122 Class Piano IV 1 hr  
MVK 3212 Music History and Literature II 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Sophomore Year - Summer  
GEP 3 hrs  
GEP 3 hrs  
GEP 3 hrs  
CMENC/Schools

Junior Year - Fall  
MUS 1010 Music Forum 0 hrs  
MUG 3104 Basic Conducting 2 hrs  
MUE 4331 Elementary School Music Methods 2 hrs  
EDG 4410 Teaching Strategies and Classroom Management 3 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  
EDG 4410 Teaching Strategies and Classroom Management 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools

Junior Year - Summer  
GEP 3 hrs  
GEP 3 hrs  
GEP 3 hrs  
CMENC/Schools

Junior Year - Fall  
MUS 1010 Music Forum 0 hrs  
MUG 3104 Basic Conducting 2 hrs  
MUE 4331 Elementary School Music Methods 2 hrs  
EDG 4410 Teaching Strategies and Classroom Management 3 hrs  
MVX 343X Performance III 2 hrs  
MUN XXXX Ensemble 1 hr  
CMENC/Schools
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.
- 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**

- 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**

- 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 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 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)**

- 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**

- 3 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. Prefer MAC 1105C College Algebra 3 hrs

**2. Statistics**

- 3 hrs

- Required STA 2014C Principles of Statistics or 3 hrs
- Required STA 2023 Statistical Methods I 3 hrs

---

**Junior Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 1010 Music Forum</td>
<td>0 hrs</td>
</tr>
<tr>
<td>MUE 3333 General Music Literature and Techniques</td>
<td>2 hrs</td>
</tr>
<tr>
<td>RED 4043 Content Reading in Kindergarten through Grade 12</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUS 3953 Recital Performance I</td>
<td>0 hrs</td>
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<tr>
<td>EME 2040 Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUS 2300C Introduction to Music Technology</td>
<td>3 hrs</td>
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<tr>
<td>MUG 3X02 Choral or Instrumental Conducting</td>
<td>2 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUX 343X Performance III</td>
<td>2 hrs</td>
</tr>
<tr>
<td>MUN XXXX Ensemble</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

**Senior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESE 3940 Internship I - Secondary</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MUE 3333 Music Learning Theory and Assessment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Select 1:</td>
<td></td>
</tr>
<tr>
<td>MUE 4331 Secondary Choral Methods I or Students in Schools</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TSL 4080 Theory and Practice of Teaching ESOL</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</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>ESE 4943 Internship II - Secondary</td>
<td>7 hrs</td>
</tr>
<tr>
<td>MUE 4394 Seminar in Music Teaching</td>
<td>1 hr</td>
</tr>
<tr>
<td>MUX 4943 Music Internship II</td>
<td>12 hrs</td>
</tr>
<tr>
<td>GEP</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.areas.ucf.edu/alc/academic_learning_compacts.htm

**Equipment Fees**

- Full-Time Student: $90 per term
- Part-Time Student: $45 per term

---

**Nursing (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, 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.
D: Social Foundations (6 hrs)

1. Economics/Political Science 3 hrs
   Prefer ECO 2013 Principles of Macroeconomics or 3 hrs
   Prefer ECO 2023 Principles of Microeconomics or 3 hrs
   Prefer POS 2041 American National Government 3 hrs

2. Social Sciences 3 hrs
   Prefer PSY 2012 General Psychology or 3 hrs
   Prefer SYG 2000 Introduction to Sociology 3 hrs

E: Science Foundations (8 hrs)

1. Physical Sciences 3 hrs
   Suggested CHM 1032 General Chemistry 3 hrs

2. Life Sciences 4 hrs
   Required BSC 2010C Biology I 4 hrs

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

Select 1: 3 hrs
   STA 2014C Principles of Statistics or GEP
   STA 2023 Statistical Methods I GEP

Select 1: 3 hrs
   SOW 3104 Assessing I: Human Development or 3 hrs
   DEP 2004C Developmental Psychology or 3 hrs

Select 1: 3 hrs
   PSY 2012 General Psychology or 3 hrs
   SYG 2000 Introduction to Sociology or 3 hrs

1 or other approved Science

3. Core Requirements: Basic Level
   None

4. Core Requirements: Advanced Level (62 hrs)
   Any variation from the following must be approved in advance 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 Clinical 2 hrs
   NUR 3028L Essentials of Nursing Practice Lab 1 hr
   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
   NUR 3165 Nursing Research 3 hrs
   NUR 4837 Health Care Issues, Policy, and Economics 3 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
   NUR 4257 Introduction to Critical Care Nursing 3 hrs
   NUR 4945L Nursing Practicum 4 hrs
   NUR 4828 Nursing Leadership, Management and Role 3 hrs

   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.
<table>
<thead>
<tr>
<th>Plan of Study</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year - Fall</strong></td>
<td>13 hrs</td>
</tr>
<tr>
<td>MAC 1105C College Algebra</td>
<td>3 hrs</td>
</tr>
<tr>
<td>BSC 2010C Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>1 GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Select 1:</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYG 2000 Introduction to Sociology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 2012 General Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 General Education or SLS 1501</td>
<td></td>
</tr>
<tr>
<td><strong>Freshman Year - Spring</strong></td>
<td>13 hrs</td>
</tr>
<tr>
<td>1 STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 1032 General Chemistry</td>
<td>3 hrs</td>
</tr>
<tr>
<td>2 GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Select 1:</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>DEP 2004C Developmental Psychology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SOW 3104 Assessing f: Human Development</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 or STA 2014C</td>
<td></td>
</tr>
<tr>
<td>2 General Education Course</td>
<td></td>
</tr>
<tr>
<td><strong>Freshman Year - Summer</strong></td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 2004C Microbiology for Health Professionals</td>
<td>4 hrs</td>
</tr>
<tr>
<td><strong>Sophomore Year - Fall</strong></td>
<td>13 hrs</td>
</tr>
<tr>
<td>ZOO 3733C Human Anatomy</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HUN 3011 Human Nutrition</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Select 1:</strong></td>
<td>3 hrs</td>
</tr>
<tr>
<td>SOW 3104 Assessing f: Human Development or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DEP 2004C Developmental Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Sophomore Year - Spring</strong></td>
<td>13 hrs</td>
</tr>
<tr>
<td>PCB 3703C Human Physiology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GEP</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Fall</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>NUR 3825 The Role of the Professional Nurse</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3065 Health Assessment</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3065L Health Assessment Lab</td>
<td>1 hr</td>
</tr>
<tr>
<td>NUR 3028 Essentials of Nursing Practice</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3755L Essentials of Nursing Practice Clinical</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3028L Essentials of Nursing Practice Lab</td>
<td>1 hr</td>
</tr>
<tr>
<td>NUR 3634 Community Health Nursing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3634L Community Health Nursing Clinical</td>
<td>2 hrs</td>
</tr>
<tr>
<td><strong>Junior Year - Spring</strong></td>
<td>16 hrs</td>
</tr>
<tr>
<td>NUR 3125 Pathophysiology for Nursing Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3145 Pharmacology for Nursing Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3225 Nursing Care of the Adult I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3225L Nursing Care of the Adult I: Clinical Practice</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3703C Nursing Care of Families</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3445L Nursing Care of Families Clinical</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

**Junior Year - Summer**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3165 Nursing Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4837 Health Care Issues, Policy, and Economics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR XXXX Nursing Elective</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>NUR 4227 Nursing Care of the Adult II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>NUR 4227L Nursing Care of the Adult II: Clinical Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4535 Psychiatric Mental Health Nursing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4535L Psychiatric Mental Health Clinical</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR XXXX Nursing Elective if needed</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>NUR 4527 Introduction to Critical Care Nursing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4945L Nursing Practicum</td>
<td>4 hrs</td>
</tr>
<tr>
<td>NUR 4637 Public Health Nursing</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 4637L Public Health Nursing Clinical</td>
<td>1 hr</td>
</tr>
<tr>
<td>NUR 4828 Leadership, Management and Role Transition</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)

**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.
UF 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)

<table>
<thead>
<tr>
<th>A: Communication Foundations (9 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B: Cultural &amp; Historical Foundations (9 hrs)</td>
</tr>
<tr>
<td>C: Mathematical Foundations (6 hrs)</td>
</tr>
<tr>
<td>Select 1:</td>
</tr>
<tr>
<td>Required STA 2014C Principles of Statistics or STA 2023 Statistical Methods I 3 hrs</td>
</tr>
<tr>
<td>Required MAC 1105C College Algebra 3 hrs</td>
</tr>
</tbody>
</table>

| D: Social Foundations (6 hrs) |
| Select 1:                     |
| Prefer SYG 2000 Introduction to Sociology or PSY 2012 General Psychology 3 hrs |

| Select 1:                     |
| Prefer ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics or POS 2041 American National Government 3 hrs |

| E: Science Foundations (7 hrs) |
| Select 1:                      |
| Required BSC 2106C 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 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.

| Select 1:               |
| MCB 2004C Microbiology for Health Professionals 4 hrs |
| 1 CHM 1032 General Chemistry GEP |
| 2 ZOO Human Anatomy GEP |
| 3 PCB 3703C Human Physiology GEP |
| 4 HUN 3011 Human Nutrition 3 hrs |

| Select 1:               |
| STA 2023 Statistical Methods I or STA 2014C Principles of Statistics GEP |

| Select 1:               |
| SOH 3104 Assessing I: Human Development or DEP 2004C Developmental Psychology 3 hrs |

| Select 1:               |
| 1 PSY 2012 General Psychology or SYG 2000 Introduction to Sociology GEP |

#### 4. Core Requirements: Advanced Level (55 hrs)

<table>
<thead>
<tr>
<th>Core UCF Requirements (28 hrs)</th>
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<tbody>
<tr>
<td>NUR 3066 Professional Socialization Seminar 1 hr</td>
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<tr>
<td>NUR 3065 Health Assessment 2 hrs</td>
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<tr>
<td>NUR 3065L Health Assessment Lab 1 hr</td>
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<tr>
<td>NUR 3805 Dimensions of Professional Nursing Practice 3 hrs</td>
</tr>
<tr>
<td>NUR 3165 Nursing Research 3 hrs</td>
</tr>
<tr>
<td>NUR 3634 Community Health Nursing 3 hrs</td>
</tr>
<tr>
<td>NUR 4837 Health Care Issues, Policy, and Economics 3 hrs</td>
</tr>
<tr>
<td>NUR 4828 Nursing Leadership, Management and Role Transition 3 hrs</td>
</tr>
<tr>
<td>NUR 4637 Public Health Nursing 2 hrs</td>
</tr>
<tr>
<td>NUR 4604L Practicum in Community and Public Health Nursing for RNs 4 hrs</td>
</tr>
<tr>
<td>NUR 3125 Pathophysiology for Nursing Practice 3 hrs</td>
</tr>
</tbody>
</table>

#### 5. Restricted Electives (3 hrs)

- Any one upper division nursing elective 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 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.
## UCF Degree Programs

**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 at least a grade of "C" (2.0) or better in each course.
  - A minimum overall GPA of 2.8

### 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.

### Equipment Fees
- Part-Time Student: $25 per term
- Full-Time Student: $50 per term

### 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.o eas.ucf.edu/alc/academic_learning_compacts.htm](http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm)

### UCF General Education Program (GEP) (36 hrs)

#### A: Communication Foundations (9 hrs)
- Required STA 2014C Principles of Statistics or 3 hrs
- Required STA 2023 Statistical Methods I or 3 hrs

#### Select 1: 3 hrs
- Required SYG 2000 Introduction to Sociology or 3 hrs
- Required PSY 2012 General Psychology or 3 hrs

#### Select 1: 3 hrs
- Suggested ECO 2013 Principles of Macroeconomics or 3 hrs
- Suggested ECO 2023 Principles of Microeconomics or 3 hrs
- Suggested POS 2041 American National Government or 3 hrs

1. One of these courses is required to meet General Education requirements.

#### B: Cultural & Historical Foundations (9 hrs)

- Required CHM 1032 General Chemistry or 3 hrs
- Required MCB 2004C Microbiology for Health Professionals or 4 hrs
- Required SYG 2000 Introduction to Sociology or 3 hrs
- Required PSY 2012 General Psychology or 3 hrs

#### C: Mathematical Foundations (6 hrs)
- Required STA 2014C Principles of Statistics or 3 hrs
- Required STA 2023 Statistical Methods I or 3 hrs

#### Select 1: 3 hrs
- Required MAC 1105C College Algebra or 3 hrs

1. Science Foundation is 6 credit hours for General Education Program.
1. Science Foundation is 6 credit hours for General Education Program.

#### D: Social Foundations (6 hrs)
- Required MAC 1105C College Algebra or 3 hrs

#### Select 1: 3 hrs
- Required SYG 2000 Introduction to Sociology or 3 hrs
- Required PSY 2012 General Psychology or 3 hrs

#### Select 1: 3 hrs
- Suggested ECO 2013 Principles of Macroeconomics or 3 hrs
- Suggested ECO 2023 Principles of Microeconomics or 3 hrs
- Suggested POS 2041 American National Government or 3 hrs

1. One of these courses is required to meet General Education requirements.

#### E: Science Foundations (6 hrs)
- Required BSC 2010C Biology I or 4 hrs
- Required CHM 1032 General Chemistry or 3 hrs

#### Select 1: 3 hrs
- Required SYG 2000 Introduction to Sociology or 3 hrs
- Required PSY 2012 General Psychology or 3 hrs

#### Select 1: 3 hrs
- Required STA 2014C Principles of Statistics or 3 hrs
- Required STA 2023 Statistical Methods I or 3 hrs

#### Select 1: 3 hrs
- Required CHM 1032 General Chemistry or 3 hrs
- Required MCB 2004C Microbiology for Health Professionals or 4 hrs
- Required SYG 2000 Introduction to Sociology or 3 hrs
- Required PSY 2012 General Psychology or 3 hrs

1. Science Foundation is 6 credit hours for General Education Program.

### 2. Common Program Prerequisites (CPP) (18 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

#### Select 1: 3 hrs
- Required STA 2014C Principles of Statistics or 3 hrs
- Required STA 2023 Statistical Methods I or 3 hrs

#### Select 1: 3 hrs
- Required STA 2014C Principles of Statistics or 3 hrs
- Required STA 2023 Statistical Methods I or 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)

<table>
<thead>
<tr>
<th>UCF Core</th>
<th>27 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3805 Dimensions of Professional Nursing Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3065 Health Assessment</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3065L Health Assessment Lab</td>
<td>1 hr</td>
</tr>
<tr>
<td>NUR 3125 Pathophysiology for Nursing Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3165 Nursing Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3634 Community Health Nursing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4837 Health Care Issues, Policy, and Economics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4604L Practicum in Community and Public Health</td>
<td>4 hrs</td>
</tr>
<tr>
<td>NUR 4828 Nursing Leadership, Management and Role Transition</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4637 Public Health Nursing</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

#### Upper Division Credit (27 hrs)
- Upper Division Credit may be met by Validation and RN License.

<table>
<thead>
<tr>
<th>UCF Core</th>
<th>1 hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3028 Essentials of Nursing Practice</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3755L Essentials of Nursing Practice Clinical</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3028L Essentials of Nursing Practice Lab</td>
<td>1 hr</td>
</tr>
<tr>
<td>NUR 3225 Nursing Care of the Adult I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3225L Nursing Care of the Adult I Clinical Practice</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 3445 Nursing Care of Families</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3445L Nursing Care of Families Clinical</td>
<td>2 hrs</td>
</tr>
<tr>
<td>NUR 4227L Nursing Care of the Adult II Clinical Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4535 Psychiatric Mental Health Nursing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4535L Psychiatric Mental Health Clinical</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

#### 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](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

#### 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
Philosophy (B.A.)
College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
Email: Philosophy2@ucf.edu
Dr. Don Jones, Don.Jones@ucf.edu
Dr. Jennifer Mundale, Jennifer.Mundale@ucf.edu
Phone: 407-823-2273

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 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)
   - 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.

   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

   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
   - PHI 2010 Introduction to Philosophy GEP

4. Core Requirements: Advanced Level (36 hrs)
   Core
   1 PH 3083 Research Methods in Philosophy 3 hrs
   PH 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 2101 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 or 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 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.
UCF Degree Programs

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 or 1 hr
   - PHI 4938 Senior Research Seminar or 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
- 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
- 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

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
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 an area of concentration at the Orlando campus as part of the Art-Studio B.A. and Art-Studio B.F.A. programs.) 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, school courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

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)

1 Required ENC 1101 Composition I 3 hrs

1 Required ENC 1102 Composition II 3 hrs

1 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)

1 Required ARH 2051 History of Western Art I 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. degree, after acceptance into the program.

Required MAC 1105 College Algebra or

MGF 2106 College Mathematics or

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.

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 3651C Narrative Editorial Photography 3 hrs

PGY 4493C Photography and Art 3 hrs

PGY 3751C Videography 3 hrs

PGY 3821C Advanced Digital Photography 3 hrs

PGY 4033 Image, Culture, and Society 3 hrs

PGY 4226C Advanced Illustrative Photography 3 hrs

PGY 4471 Photography Thesis 3 hrs

PGY 3651C Narrative Editorial Photography CPP

Select one of the following courses:

CRW 3011 Creative Writing for Non-Majors 3 hrs

ENC 3520 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

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

- 48 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
UCF Degree Programs

Transfer Notes
- Students transferring from any Florida public institution with an A.A. degree or with general education program (GEP) requirements of that institution must 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
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
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
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.oeas.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: (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: (3 hrs)
- Suggested ECO 2023 Principles of Microeconomics 3 hrs

E: Science Foundations (7 hrs)
- Required PHY 2048C Physics for Engineers & Scientists 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  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 1: 4 hrs
CHM 1440 Principles of Chemistry or 4 hrs
CHM 2045C Chemistry Fundamentals I  4 hrs

3. Core Requirements: Basic Level (14 hrs)
EES 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: 3 hrs
EGN 3321 Engineering Analysis-Dynamics or 3 hrs
EGN 3338 Thermo-Fluids-Heat Transfer  3 hrs

4. Core Requirements: Advanced Level (42 hrs)
Engineering Requirements 17 hrs
EEL 3304C Electrical Networks  3 hrs
EEE 3347 Electromagnetic Fields  3 hrs
EEE 3350 Semiconductor Devices I  3 hrs
EEE 3123 Networks and Systems  4 hrs
EEE 3307C Electronics I  4 hrs
Photonics 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
- 36 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.
Junior Year - Fall 14 hrs
OSE 3052 Introduction to Photonics 3 hrs
OSE 3052L Introduction to Photonics Laboratory 1 hr
EEE 3307C Electronics I 4 hrs
EE 3470 Electromagnetic Fields 3 hrs

Select 1:
- EGN 3321 Engineering Analysis-Dynamics or
- EGN 3358 Thermo-Fluids-Heat Transfer 3 hrs

Junior Year - Spring 14 hrs
OSE 4410 Optoelectronics 3 hrs
OSE 4410L Optoelectronics Laboratory 1 hr
OSE 4520 Laser Engineering 3 hrs
OSE 4520L Laser Engineering Laboratory 1 hr
OSE 3553 Electromagnetic Waves for Photonics 3 hrs

Senior Year - Fall 15 hrs
OSE 4470 Fiber-Optic Communications 3 hrs
OSE 4470L Fiber-Optic Communications Laboratory 1 hr
OSE 4951 Senior Design I 3 hrs
OSE 4930 Frontiers of Optics and Photonics 2 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs

Senior Year - Spring 13 hrs
OSE 4952 Senior Design II 3 hrs
OSE 4830 Imaging and Display 3 hrs
OSE 4830L Imaging and Display Laboratory 1 hr
Restricted Elective 3 hrs
Historical Foundation 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

Physics (B.S.)
Department of Physics, Physical Sciences, Room: 430
http://www.physics.ucf.edu
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.

CHM 2045C Chemistry Fundamentals I 4 hrs
CHM 2046 Chemistry Fundamentals II 3 hrs
CHM 2048L Chemistry Fundamentals Laboratory 1 hr
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
PHY 2048C Physics for Engineers & Scientists I 4 hrs
PHY 2049C Physics for Engineers and Scientists II 4 hrs

1. UCF General Education Program (GEP) (38 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)
- Preferred: SPC 1603C Fundamentals of Technical Presentations
- Required ENC 1101 Composition I and
  ENC 1102 Composition II

B: Cultural & Historical Foundations (9 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I

C: Mathematical Foundations (7 hrs)
- Required COP 3502C Computer Science I

D: Social Foundations (6 hrs)

E: Science Foundations
1. Physical Science;
- Required PHY 2048C Physics for Engineers & Scientists I

2. Life sciences;
- Select from the E.2. GEP list

3. Common Program Prerequisites (CPP) (20 hrs)
- MAC 2311C Calculus with Analytic Geometry I
- MAC 2312 Calculus with Analytic Geometry II
- MAC 2313 Calculus with Analytic Geometry III

Select one of the following sequences of courses:
- CHM 2045C Chemistry Fundamentals I
- CHM 2040 Chemistry Fundamentals IA and
  CHM 2041 Chemistry Fundamentals IB

Take all of the following:
- CHM 2046 Chemistry Fundamentals II
- CHM 2048L Chemistry Fundamentals Laboratory
- PHY 2048C Physics for Engineers & Scientists I
- PHY 2049C Physics for Engineers and Scientists II

3. Core Requirements: Basic Level (36 hrs)
- Required of all specializations.
- In addition to those courses specified in the Common Program Prerequisites, students also must complete the following.

Core: Required, satisfies the CPP
- CHM 2045C Chemistry Fundamentals I
- CHM 2040 Chemistry Fundamentals IA and
  CHM 2041 Chemistry Fundamentals IB

Take all of the following:
- CHM 2046 Chemistry Fundamentals II
- CHM 2048L Chemistry Fundamentals Laboratory
- PHY 2048C Physics for Engineers & Scientists I
- PHY 2049C Physics for Engineers and Scientists II

Core: Additional requirements
- MAP 2302 Ordinary Differential Equations I
- PHY 3101 Physics for Engineers and Scientists III

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Directed Electives 6 hrs

Select 2 6 hrs

4.3. Optics and Lasers Specialization 18 hrs

Directed Electives: 6 hrs

Select courses at a 3000 level or higher, approved by
the Physics Department. Courses must be chosen in
Physics, Mathematics, Chemistry, Computer Science, or
Engineering.

Laboratory Requirement 6 hrs
PHY 3802L Intermediate Physics Laboratory 3 hrs

And either
PHY 3752C Physics of Scientific Instruments or 3 hrs
PHY 3722C Physics Laboratory-Electronics 3 hrs

4. Core Requirements: Advanced Level

4.1. General Physics Specialization 18 hrs

- Select one specialization

- Restricted Electives: 6 hrs
Select from upper division PHY, PHZ, or AST courses 6 hrs

- Directed Electives: 9 hrs
Select courses at a 3000 level or higher, approved by
the Physics Department. Courses must be chosen in
Physics, Mathematics, Chemistry, Computer Science, or
Engineering.

4.2. Materials Physics Specialization 18 hrs

- Select 1 3 hrs
PHY 4803L Advanced Physics Laboratory or 3 hrs
EEL 5356C Fabrication of Solid-State Devices 4 hrs

- Select 3 9 hrs
EEE 3350 Semiconductor Devices I or 3 hrs
EGN 3365 Structure and Properties of Materials or 3 hrs
EMA 4413 Fundamentals of Electronic Materials or 3 hrs
CHM 3411L Physical Chemistry Laboratory or 2 hrs
PHZ 5405 Condensed Matter Physics or 3 hrs
EEM 5352 Semiconductor Material and Device Characterization 3 hrs

- Directed Electives: 6 hrs
Select courses at a 3000 level or higher, approved by
the Physics Department. Courses must be chosen in
Physics, Mathematics, Chemistry, Computer Science, or
Engineering.

4.3. Optics and Lasers Specialization 18 hrs

- Select 2 6 hrs
EEL 4440 Optical Engineering or 3 hrs
PHY 4445 Lasers or 3 hrs
OSE 5203 Geometrical Optics and Imaging Systems or 3 hrs
OSE 5312 Light Matter Interaction or 3 hrs
OSE 5414 Fundamentals of Optoelectronic Devices or 3 hrs

- Directed Electives: 9 hrs
Select courses at a 3000 level or higher, approved by
the Physics Department. Courses must be chosen in
Physics, Mathematics, Chemistry, Computer Science, or
Engineering.

4.4. Computational Physics Specialization 19 hrs

Directed Electives 6 hrs
Select courses at a 3000 level or higher, approved by
the Physics Department. Courses must be chosen in
Physics, Mathematics, Chemistry, Computer Science, or
Engineering.

4.5. Astronomy Specialization 18 hrs

- Select one 3 hrs
AST 4700 Experimental Methods in Astronomy or 3 hrs
AST 4762C Astronomical Data Analysis or 3 hrs
AST 5765C Advanced Astronomical Data Analysis or 3 hrs

- and 6 hrs
Select from upper division AST courses

- Directed Electives: 6 hrs
Select courses at a 3000 level or higher, approved by
the Physics Department. Courses must be chosen in
Physics, Mathematics, Chemistry, Computer Science, or
Engineering.

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 departmental advisor. Courses may be outside the
department.

9. Additional Requirements

- None

10. Required Minors

- None

11. Departmental Exit Requirements

- Students must have at least a 2.0 GPA in all courses counted toward the major.

- Students will be required to take a nationally normed test in Physics during their last semester.

- Students will have an exit interview in their last semester with a representative of the Physics
Undergraduate Committee.

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

- Mathematics

- Physics

- Astronomy

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
- **14 hrs**
  - MAC 2311C: Calculus with Analytic Geometry I 4 hrs
  - CHM 2045C: Chemistry Fundamentals I 4 hrs
  - GEP 3 hrs
  - GEP 3 hrs

#### Freshman Year - Spring
- **15 hrs**
  - PHY 2048C: Physics for Engineers & Scientists I 4 hrs
  - MAC 2312: Calculus with Analytic Geometry II 4 hrs
  - CHM 2046: Chemistry Fundamentals II 3 hrs
  - CHM 2048L: Chemistry Fundamentals Laboratory 1 hr
  - Note: Lab may be taken later if seats are not available
  - GEP 3 hrs

#### Sophomore Year - Fall
- **17 hrs**
  - PHY 2049C: Physics for Engineers & Scientists II 4 hrs
  - MAC 2313: Calculus with Analytic Geometry III 4 hrs
  - COP 3502C: Computer Science I 3 hrs
  - GEP 3 hrs
  - GEP 3 hrs

#### Sophomore Year - Spring
- **15 hrs**
  - PHY 3101: Physics for Engineers and Scientists III 3 hrs
  - PHZ 3113: Introduction to Theoretical Methods of Physics 3 hrs
  - MAP 2302: Ordinary Differential Equations I 3 hrs
  - GEP 3 hrs
  - GEP 3 hrs

#### Junior Year - Fall
- **15 hrs**
  - PHY 3802L: Intermediate Physics Laboratory 3 hrs
  - PHY 3323: Electricity and Magnetism I 3 hrs
  - PHY 3513: Thermal and Statistical Physics 3 hrs
  - Core Course 3 hrs
  - Restricted Elective 3 hrs

#### Junior Year - Spring
- **15 hrs**
  - PHY 3220: Mechanics I 3 hrs
  - PHY 4324: Electricity and Magnetism II 3 hrs
  - Restricted Elective 3 hrs
  - Restricted Elective 3 hrs
  - GEP 3 hrs

#### Senior Year - Fall
- **15 hrs**
  - PHY 4604: Wave Mechanics I 3 hrs
  - PHY 4912: Independent Research 3 hrs
  - Restricted Elective 3 hrs
  - Restricted Elective 3 hrs
  - Free Elective 3 hrs

#### Senior Year - Spring
- **14 hrs**
  - PHY 4605: Wave Mechanics II 3 hrs
  - Restricted Elective 3 hrs
  - GEP 3 hrs
  - Free Elective 2 hrs
  - Free Elective 3 hrs
  - Physics Test-Nationally normed

### 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: $12.40 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

- 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 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

- 1. Math
- 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.
- 2. Statistics 3 hrs
  Prefer STA 2014C Principles of Statistics or 3 hrs
  Prefer STA 1063C Basic Statistics Using Microsoft Excel or
  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)
  See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
  See Transfer Notes for possible substitutes.

2. Common Program Prerequisites (CPP) (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
    - POS 3703 Scope and Methods of Political Science 3 hrs

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 4350 International Relations Theory or 3 hrs
    - 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

B. International Relations and Comparative Government Area
  - CPO 3004 Politics of Developing Areas or 3 hrs
  - CPO 3103 Comparative Politics or 3 hrs
  - CPO 3104 Politics of Western Europe or 3 hrs
  - CPO 3132 Canadian Studies or 3 hrs
  - CPO 3403 Politics of the Middle East or 3 hrs
  - CPO 3614 Politics of Eastern Europe or 3 hrs
  - CPO 4062 Comparative Judicial Process or 3 hrs
  - CPO 4074 Political Economy or 3 hrs
  - CPO 4101 Politics of the European Union or 3 hrs
  - CPO 4123 Government and Politics of Great Britain or 3 hrs
  - CPO 4303 Comparative Latin American Politics or 3 hrs
  - CPO 4445 Comparative Political Parties or 3 hrs
  - CPO 4514 Politics of East Asia or 3 hrs
  - CPO 4541 Chinese Politics or 3 hrs
  - CPO 4553 Politics of Japan or 3 hrs
  - CPO 4643 Government and Politics of Russia or 3 hrs
  - CPO 4710 Women in Comparative Politics or 3 hrs
  - CPO 4754 Comparative Political Institutions or 3 hrs
  - CPO 4784 Political and Economic Inequality or 3 hrs

B. International Relations and Comparative

C. Political Theory Area 6 hrs
  - INR 3405 International Political Economy 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 4060 Causes of War 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 4084 Politics of International Terrorism or 3 hrs
  - INR 4085 Women, Gender, and Globalization or 3 hrs
  - INR 4102 American Foreign Policy or 3 hrs
  - INR 4104 Topics and Cases in American Foreign Policy or 3 hrs

INR 4114 American Security Policy or 3 hrs
INR 4115 Strategic Weapons and Arms Control or 3 hrs
INR 4224 Contemporary International Politics of Asia or 3 hrs
INR 4225 The Vietnam War or 3 hrs
INR 4243 International Politics of Latin America or 3 hrs
INR 4304 Issues in International Public Policy or 3 hrs
INR 4335 Coercion in International Politics or 3 hrs
INR 4350 Global Environmental Politics or 3 hrs
INR 4351 International Environmental Law or 3 hrs
INR 4364 The Intelligence Community or 3 hrs
INR 4401 International Law or 3 hrs
INR 4404 Space Law or 3 hrs
INR 4502 International Organizations or 3 hrs
INR 4714 Politics of International Trade Policy or 3 hrs
INR 4774 Military Space Policy or 3 hrs
POS 3253 Contemporary Revolution and Political Violence or 3 hrs
POS 3733 Designing Political Science Research or 3 hrs
PUP 3014 Comparative Public Policy or 3 hrs
PUP 4510 Space Policy or 3 hrs
POS 4803 American Constitutional Law I or 3 hrs
POS 4804 American Constitutional Law II or 3 hrs
POS 4822 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 4104 Topics in Public Policy or 3 hrs
UCF Degree Programs

POT 3302 Modern Political Ideologies or POT 4003 Political Theory or POT 4025 Ancient, Medieval and Early Modern

Political Philosophy or POT 4054 Modern Political Philosophy or POT 4066 Contemporary Political Theory or POT 4109 Politics and Literature or

POT 4305 The State, Society, and the Individual or POT 4314 Contemporary Democratic Theory or POT 4331 Utopia/Dystopia or

POT 4345 Pan-Africanist Thought or POT 4414 Marxist Political Theory or POT 4632 Religion and Politics

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 ~ 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
■ POS 2041 American National Government 3 hrs
■ AMH 2010 U.S. History: 1492-1877 3 hrs
■ ENC 1101 Composition I 3 hrs
■ GEP-Math 3 hrs
■ GEP 3 hrs

Freshman Year - Spring
■ 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
■ Restricted Elective 3 hrs
■ Restricted Elective 3 hrs
■ GEP 3 hrs
■ Free Elective 3 hrs
■ Foreign Language 4 hrs

Sophomore Year - Spring
■ POS 3703 Scope and Methods of Political Science 3 hrs
■ Restricted Elective 3 hrs
■ Restricted Elective 3 hrs
■ Foreign Language 4 hrs
■ GEP 3 hrs

Junior Year - Fall
■ Restricted Elective 3 hrs
■ Restricted Elective 3 hrs
■ Free Elective 3 hrs
■ Free Elective 3 hrs
■ Free Elective 3 hrs

Junior Year - Spring
■ Restricted Elective 3 hrs
■ Free 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  
Free Elective  3 hrs

Senior Year - Spring  
Restricted Elective  3 hrs  
Free 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.oears.ucf.edu/aic/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  
http://politicallscience.cos.ucf.edu/  
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/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)
   - Required  ENC 1101 Composition I  3 hrs
   - Required  ENC 1102 Composition II  3 hrs
   - Prefer SPC 1608 Fundamentals of Oral Communication  3 hrs

2. 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

3. Core Requirements: Basic Level  (6 hrs)
   - Math:  
     - 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.

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 2041 American National Government  GEP
   - POS 3703 Scope and Methods of Political Science  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
   - OR  
     - Two courses from area A  and  6 hrs
     - Five courses from area B  and  15 hrs
     - One course from area C  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

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
  - MTH 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

- 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

- 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

- Restricted Elective 3 hrs
- Foreign Language 4 hrs
- Supporting Elective 3 hrs
- Supporting Elective 3 hrs
- GEP 3 hrs

Sophomore Year - Spring

- 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

- 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

- Restricted Elective 3 hrs
- Supporting Elective 4 hrs
- Supporting Elective 3 hrs
<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.oeas.ucf.edu/alc/academic_learning_compacts.htm">http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm</a></td>
</tr>
</tbody>
</table>

### Psychology (B.S.)

**College of Sciences**

**Department of Psychology,**

**Psychology Building, Room: 301**

[http://psychology.cos.ucf.edu](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.

<table>
<thead>
<tr>
<th>A: Communication Foundations</th>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>C: Mathematical Foundations</td>
<td>6 hrs</td>
</tr>
</tbody>
</table>

#### Math:
- You may substitute a higher level math with appropriate scores on the Math Placement Test.
- Prefer MAC 1105C College Algebra | 3 hrs |

<table>
<thead>
<tr>
<th>Statistics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required STA 2023 Statistical Methods I or</td>
</tr>
<tr>
<td>Required STA 2041C Principles of Statistics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D: Social Foundations</th>
<th>6 hrs</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Social Sciences:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required PSY 2012 General Psychology</td>
</tr>
</tbody>
</table>

### Political Science/Economics (3 hrs)
- Select one of the listed choices | 3 hrs |

### E: Science Foundations (6 hrs)

#### Biology:
- Select the advanced option if additional biology courses are planned.
- **Required:** BSC 1005 Biological Principles or | 3 hrs |
- BSC 2010C Biology I | 4 hrs |

#### Physical or Chemical:
- Select one of the listed choices | 3 hrs |

#### 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.

<table>
<thead>
<tr>
<th>Psychology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2012 General Psychology</td>
</tr>
<tr>
<td>DEP 2004C Developmental Psychology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Biology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1005 Biological Principles or</td>
</tr>
<tr>
<td>BSC 2010C Biology I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statistics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2014C Principles of Statistics or</td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Psychology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2012 General Psychology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Biology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1005 Biological Principles or</td>
</tr>
<tr>
<td>BSC 2010C Biology I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statistics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2014C Principles of Statistics or</td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

### 4. Core Requirements: Advanced Level (18 hrs)
- **Note:** Students should consult with the Psychology Advising Center prior to applying for graduation (before registration for the final term).

<table>
<thead>
<tr>
<th>Psychology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2023 Psychology Cornerstone: Career Paths</td>
</tr>
<tr>
<td>PSY 3204C Statistical Methods in Psychology</td>
</tr>
<tr>
<td>PSY 3213C Research Methods in Psychology</td>
</tr>
<tr>
<td>PSB 3002 Physiological Psychology</td>
</tr>
<tr>
<td>PSY 4604 History and Systems of Psychology</td>
</tr>
<tr>
<td>PSY 4049 Psychology Capstone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statistics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2014C Principles of Statistics or</td>
</tr>
<tr>
<td>STA 2023 Statistical Methods I</td>
</tr>
</tbody>
</table>

### 5. Restricted Electives (33 hrs)
- **A. Experimental:** Select from the following: 6 hrs

<table>
<thead>
<tr>
<th>Psychology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXP 3404C Basic Learning Processes or</td>
</tr>
<tr>
<td>EXP 3204C Perception or</td>
</tr>
<tr>
<td>EXP 3604C Cognitive Psychology or</td>
</tr>
<tr>
<td>PSB 4240C Neuropsychology or</td>
</tr>
<tr>
<td>PSY 4215C Advanced Research Methods in Psychology or</td>
</tr>
<tr>
<td>EXP 3640 Psychology of Language</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Personality/Social: Select from the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPE 3003 Personality Theory and Research or</td>
</tr>
<tr>
<td>SOP 3004C Social Psychology</td>
</tr>
</tbody>
</table>

### C. Developmental: Select from the following: 3 hrs

<table>
<thead>
<tr>
<th>Psychology:</th>
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</thead>
<tbody>
<tr>
<td>DEP 2004C Developmental Psychology or</td>
</tr>
<tr>
<td>DEP 3202 Psychology of Exceptional Children or</td>
</tr>
<tr>
<td>DEP 3464 Psychology of Aging</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diversity: Select from the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLP 3184 Women’s Mental Health or</td>
</tr>
<tr>
<td>SOP 3742 Psychology of Women or</td>
</tr>
<tr>
<td>SOP 3723 Cross Cultural Psychology or</td>
</tr>
<tr>
<td>SOP 3724 Psychology of Prejudice or</td>
</tr>
<tr>
<td>SOP 3784 Psychology of Diversity</td>
</tr>
</tbody>
</table>
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 or 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
- Psychology department
  - PSY 4049 Psychology Capstone 1 hr
  - PSY 3213C Research Methods in Psychology or 3 hrs
  - PSY 3905 Directed Independent Study or 1 hr
  - PSY 3912 Directed Independent Research 1 hr

6. Capstone Requirements
- PSY 4049 Psychology Capstone 1 hr

7. Foreign Language Requirements

Admissions
- Meet 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 4049H 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-Math 3 hrs
- GEP 3 hrs
- GEP 3 hrs
<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.oes.ucf.edu/alc/academic_learning_compacts.htm">http://www.oes.ucf.edu/alc/academic_learning_compacts.htm</a></td>
</tr>
</tbody>
</table>

**Equipment Fees**
- Part-Time Student: $13.00 per term
- Full-Time Student: $26 per term

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**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

**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 and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor on a regular basis.
- Students must earn at least a “C” (2.0) in each course accepted as a common program prerequisite and Core Requirement (see sections 2 and 3 below).

---

**Senior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 4604 History and Systems of Psychology</td>
<td>3 hrs</td>
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<tr>
<td>Elective / Minor</td>
<td></td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
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<tr>
<td>Elective / Minor</td>
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</tbody>
</table>

**Senior Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 4904 History and Systems of Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective / Minor</td>
<td></td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
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<tr>
<td>Elective / Minor</td>
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</tbody>
</table>

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**Sophomore Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td></td>
</tr>
<tr>
<td>Elective / Minor</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Elective / Minor</td>
<td></td>
</tr>
<tr>
<td>Elective / Minor</td>
<td>3 hrs</td>
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**Sophomore Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEP 2004C Developmental Psychology</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>
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<tr>
<td>Elective / Minor</td>
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**Junior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSB 3002 Physiological Psychology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PSY 3204C Statistical Methods in Psychology</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Elective / Minor</td>
<td>3 hrs</td>
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<tr>
<td>Elective / Minor</td>
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</table>

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**Junior Year - Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 3213C Research Methods in Psychology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>Elective / Minor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Restricted Elective</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Elective / Minor</td>
<td></td>
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</tbody>
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**Senior Year - Fall**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</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>1 hr</td>
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<td>Elective / Minor</td>
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**Social Foundations**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 1:</td>
<td></td>
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</tbody>
</table>

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**Core Requirements: Advanced Level**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 3003 Public Administration in American Society</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4004 The Administration of Public Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 3733 Professional Administrative Writing in the Public Sector</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4104 Administrative Theory</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4204 Fiscal Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4414 Human Resource Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4720 Survey Research in Public Administration</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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**B.A./B.S. Option**

- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at the college level.
- Students pursuing the B.S. degree must complete two additional upper level technical courses (six credit hours) from a list approved by the Department.

---

**5. Restricted Electives**

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.

---

**6. Capstone Requirements**

- None

---

**7. Foreign Language Requirements**

- None
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
- CGS 1060C  Introduction to Computers
- POS 2041  American National Government
- PAF 2102  Public Affairs Careers

Select 1: 3 hrs
- ARH 2050  History of Western Art I or
- ARH 2051  History of Western Art II or
- MUL 2010  Enjoyment of Music or
- REL 2300  World Religions or
- PHI 2010  Introduction to Philosophy or
- THE 2000  Theatre Survey or
- LIT 2110  World Literature I or
- LIT 2120  World Literature II

Select 2: 3 hrs
- PSY 2012  General Psychology or
- SYG 2000  Introduction to Sociology or
- ANT 2000  General Anthropology

Freshman Year - Spring 15 hrs
- ENC 1102  Composition II
- MGF 1106  Finite Mathematics

Select 1: 3 hrs
- PSY 2012  General Psychology or
- SYG 2000  Introduction to Sociology or
- ANT 2000  General Anthropology

Sophomore Year - Fall 15 hrs
- SPC 1008  Fundamentals of Oral Communication
- ECO 2013  Principles of Macroeconomics

Select 1: 3 hrs
- EUH 2000  Western Civilization I or
- HUM 2210  Humanistic Tradition I or
- AMH 2010  U.S. History: 1492-1877 or
- WOH 2012  World Civilization I

Select 1: 3 hrs
- BSC 1055  Biological Principles or
- MCB 1310  Introduction to Biotechnology and Genetic Engineering or
- GLY 1030  Geology and its Applications or
- GED 1200  Physical Geography or
- ANT 2511  The Human Species or
- Free Elective

Sophomore Year - Spring 15 hrs
- PAD 3003  Public Administration in American Society
- Free Elective
- Free Elective
- PAD 3733  Professional Administrative Writing in the Public Sector

Select 1: 3 hrs
- AMH 2020  U.S. History: 1877-Present or
- EUH 2001  Western Civilization II or
- HUM 2230  Humanistic Tradition II or
- WOH 2022  World Civilization II

Junior Year - Fall 15 hrs
- PAD 4104  Administrative Theory
- PAD 4414  Human Resource Administration
- Restricted Elective
- Restricted Elective
- Foreign Language I or BS option

Junior Year - Spring 15 hrs
- PAD 4034  The Administration of Public Policy
- PAD 4204  Fiscal Management
- PAD 4720  Survey Research in Public Administration
- Restricted Elective
- Foreign Language II or BS option

Senior Year - Fall 15 hrs
- Restricted Elective
- Restricted Elective
- Upper Division Elective
- Upper Division Elective
- Upper Division Elective

Senior Year - Spring 15 hrs
- Restricted Elective
- Upper Division Elective
- Upper Division Elective
- Upper Division Elective
- Restricted elective or PAD Internship
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 must be accepted into the Nicholson School of Communication.
- Students must have at least a 2.25 GPA during the previous semester.
- Students must complete the Application Deadlines.

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 must complete a minimum of 30 credit hours of college work.
- Students must complete a minimum of 2.0 GPA during the previous semester.

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.oeas.ucf.edu/aic/academic_learning_compacts.htm

UCF Degree Programs

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 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.

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 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 MGF 1107 Explorations in Mathematics 3 hrs
   Suggested MGF 1106 Finite Mathematics or 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)
   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 3307 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
   Select 1: SPC 1603C Fundamentals of Technical Presentations or SPC 1608 Fundamentals of Oral Communication GE

   Select 1: CGS 2100C Computer Fundamentals for Business or CGS 2585C Desktop/Internet Publishing or CGS 3175 Internet Applications 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTV 3210C</td>
<td>Audio Production I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3228C</td>
<td>Studio Television Production or</td>
<td>4 hrs</td>
</tr>
<tr>
<td>RTV 3223C</td>
<td>Lighting for Video or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3260C</td>
<td>Single Camera Video Production and Editing or</td>
<td>4 hrs</td>
</tr>
<tr>
<td>RTV 3263C</td>
<td>Advanced Video Post-Production or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3283C</td>
<td>Production of Interactive Multimedia or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4211C</td>
<td>Audio Production II or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4280C</td>
<td>Webcasting I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4281C</td>
<td>Webcasting II or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4290C</td>
<td>Television Directing or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4271C</td>
<td>Radio Production and Programming or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3942L</td>
<td>Practicum or</td>
<td>1 hr</td>
</tr>
<tr>
<td>RTV 4941</td>
<td>Internship</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

May be taken for a maximum of 3 hours.

B. Broadcast Journalism

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 4700</td>
<td>Journalism Ethics and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3260C</td>
<td>Single Camera Video Production and Editing and</td>
<td>4 hrs</td>
</tr>
<tr>
<td>RTV 3301</td>
<td>Electronic Journalism I and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3304</td>
<td>Electronic Journalism II and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4320C</td>
<td>Television News</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Select from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 3004</td>
<td>History of American Journalism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JOU 3015</td>
<td>Principles of Journalism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3234C</td>
<td>Broadcast Announcing and Performance or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3283C</td>
<td>Production of Interactive Multimedia or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4322C</td>
<td>Advanced TV News</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4700</td>
<td>Regulation of Broadcasting or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 RTV 4906</td>
<td>Directed Independent Study or</td>
<td>1 hr</td>
</tr>
<tr>
<td>1 RTV 4941</td>
<td>Internship</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

May be taken for a maximum of 3 hours.

C. Broadcast Generalist

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 4103</td>
<td>Radio-Television Advertising or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JOU 3015</td>
<td>Principles of Journalism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COM 3330</td>
<td>Computer Mediated Communication or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 4263</td>
<td>New Media Technologies or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3234C</td>
<td>Broadcast Announcing and Performance or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 3283C</td>
<td>Production of Interactive Multimedia or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4271C</td>
<td>Radio Production and Programming or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4700</td>
<td>Regulation of Broadcasting or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4800</td>
<td>Broadcast Management or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 RTV 4941</td>
<td>Internship</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

Select from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 3008</td>
<td>Principles of Advertising or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COM 3110</td>
<td>Business and Professional Communication or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MMC 3630</td>
<td>Social Media Mass Communication or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PUR 4000</td>
<td>Public Relations or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RTV 4503</td>
<td>Sports Programming in Electronic Media</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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.
- 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.
  - None
  - 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
  - Additional Requirements
    - None
  - Required Minors
    - None
  - Additional Requirements
    - None

1. Capstone Requirements
- None

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.
- None

9. Additional Requirements
- None

10. Required Minors
- None

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.
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.

Freshman Year - Fall
- ENC 1101 Composition I 3 hrs
- GEP-Math 3 hrs
- GEP 3 hrs
- Foreign Language 4 hrs

Freshman Year - Spring
- ENC 1102 Composition II 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- CGS 2100C Computer Fundamentals for Business 3 hrs
- Foreign Language 4 hrs

Sophomore Year - Fall
- GEP 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- Elective-Minor 3 hrs

Sophomore Year - Spring
- Apply for admission by Feb 1
- RTV 3007 Development and Structure of Electronic Media and New Technology 3 hrs
- GEP 3 hrs
- GEP 3 hrs
- Elective-outside of NSC 3 hrs
- Elective-minor 3 hrs

Junior Year - Fall
- If admitted, take...
- RTV 3200 Production Fundamentals and Aesthetics of Electronic Media 3 hrs
- RTV 2102 Writing for the Electronic Media 3 hrs
- MMC 3200 Mass Communication Law 3 hrs
- Elective-minor 3 hrs
- Elective-outside of NSC 3 hrs

Junior Year - Spring
- RTV 4403 Electronic Media, Technology, and Society 3 hrs
- MMC 3420 Mass Media Research Methods 3 hrs
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Elective-Minor 3 hrs

Junior Year - Summer
- Restricted Elective 3 hrs

Senior Year - Fall
- Restricted Elective 3 hrs
- Restricted Elective 3 hrs
- Elective-Minor 3 hrs
- Elective-outside of NSC 3 hrs
- Elective-outside of NSC 3 hrs

Senior Year - Spring
- Restricted Elective 3 hrs
- Restricted Elective, or...
- Elective-outside of NSC 3 hrs
- Elective-Minor 3 hrs
- Elective-Minor 3 hrs
- Elective-outside of NSC 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

Real Estate (B.S.B.A.)
College of Business Administration
Dr. P. Phillips School of Real Estate, Business Administration I, Room: 427
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-admittance 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)
   C: Mathematical Foundations (6 hrs)
   Required CGS 2100C Computer Fundamentals for Business
   Required MAC 1105C College Algebra
D: Social Foundations (6 hrs)
Select 1: 3 hrs
Required ECO 203 Principles of Macroeconomics or
Required ECO 202 Principles of Microeconomics 3 hrs

Select 1: 3 hrs
Suggested PSY 2012 General Psychology or
Suggested SYG 2000 Introduction to Sociology or
Suggested ANT 2000 General Anthropology 3 hrs

E: Science Foundations (6 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
  or
  MAC 2233 Concepts of Calculus and
  STA 2023 Statistical Methods I 3 hrs

3. Core Requirements: Basic Level (29 hrs)
First or subsequent semester in the College of Business Administration:
1 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 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

4. Core Requirements: Advanced Level (9 hrs)
FIN 2100 Personal Finance and Investments 3 hrs
REE 3043 Fundamentals of Real Estate 3 hrs
REE 3433 Real Estate Law 3 hrs
FIN 3414 Intermediate Corporate Finance 3 hrs
FIN 3504 Investment Analysis 3 hrs
MAR 3391 Professional Selling 3 hrs
REE 3614 Environmental Issues for Real Estate 3 hrs
REE 4103 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 4903H Honors Directed Readings I 1 hr
REE 4941 Internship 1 hr
1 REE 4970H Undergraduate Honors Thesis 1 hr
REE 4953 Advanced Topics in Real Estate 3 hrs

1 Must be accepted into the UCF Honors in the Major program. See http://www.honors.ucf.edu/ for details.

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 3203 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 foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation
- None

8. Electives
- variable

9. Additional Requirements

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

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
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 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
NAR 3223 Marketing 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 Fundamentals of Real Estate 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 3026 Management of Organizations 3 hrs
MAR 3203 Supply Chain and 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 and Ethical Environment of Business 3 hrs
REE Elective 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.oeas.ucf.edu/alc/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)
Required HUM 2210 Humanistic Tradition I 3 hrs
Required HUM 2230 Humanistic Tradition II 3 hrs
Required REL 2200 World Religions 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 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 2200 World Religions GEP

Studying Religion and Culture 3 hrs
## 4. Core Requirements: Advanced Level (24 hrs)

### Traditions
- 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 3 hrs
- 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 3 hrs
- HUM 4459: American Cultural Studies in Humanities or 3 hrs
- 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
**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.

**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)

**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](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

**Internships**

- 3 hrs
  - HFT 3940 Internship I
  - HFT 4941 Internship II
  - HFT 4944 Internship III

**Restaurant Management Core**

- 18 hrs
  - FSS 3124 Supply and Procurement Management
  - HFT 3263 Restaurant Management
  - HFT 3613 Foodservice Marketing, Sales, and Distribution
  - HFT 4457 Food, Beverage, and Labor Cost Controls
  - HFT 4861C Beverage Management
  - HFT 2843 Sanitation in the Food Service Industry

**5. Restricted Electives**

- 15 hrs
  - Select 5:
    - FSS 3008 Culture and Cuisine or 3 hrs
    - FSS 4135 Corporate Contract and Managed Services Organizations or 3 hrs
    - FSS 4286C Catering and Banquet Organization or 3 hrs
    - HFT 3654 Hospitality Franchising or 3 hrs
    - HFT 3868 History and Culture of Wine or 3 hrs
    - HFT 4065 Fine Spirits Management or 3 hrs
    - HFT 4266 Hospitality Brand Management or 3 hrs

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- **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
  - REL 2000 Introduction to Religious Studies 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
  - Restricted Elective 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
  - Restricted Elective 3 hrs

- **Senior Year - Spring** 15 hrs
  - REL 4910 Senior Research Seminar 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.oeas.ucf.edu/aic/academic_learning_compacts.htm](http://www.oeas.ucf.edu/aic/academic_learning_compacts.htm)

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- **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 GCS 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)**
  - 2. Common Program Prerequisites (CPP) (7 hrs)
    - Required HFT 1000 Introduction to the Hospitality and Tourism Industry 3 hrs
    - FSS 2221C Techniques of Food Preparation 4 hrs

    **1 See “Common Prerequisites” in the Transfer and Transitions section (pg. 46) for more information.

    **3. Core Requirements: Basic Level**
    - Required MAC 1105C College Algebra GEP
    - Select 1: 3 hrs
      - Required CGS 2100C Computer Fundamentals for Business or 3 hrs
        - Required STA 2023 Statistical Methods I GEP
    - Select 1: 3 hrs
      - Required ECO 2013 Principles of Macroeconomics or 3 hrs
        - Required ECO 2023 Principles of Microeconomics GEP

    **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

    **Select 5:** 15 hrs
      - FSS 3008 Culture and Cuisine or 3 hrs
      - FSS 4135 Corporate Contract and Managed Services Organizations or 3 hrs
      - FSS 4286C Catering and Banquet Organization or 3 hrs
      - HFT 3654 Hospitality Franchising or 3 hrs
      - HFT 3868 History and Culture of Wine or 3 hrs
      - HFT 4065 Fine Spirits Management or 3 hrs
      - HFT 4266 Hospitality Brand Management or 3 hrs

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**UNDERGROUND Catalog 2014-2015**

301
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 1060C  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 3540  Guest Services Management I  3 hrs
HFT 3444  Hospitality Information Systems  3 hrs
HFT 3263  Restaurant Management  3 hrs
HFT 3940  Internship I  1 hr
Junior Year - Spring 16 hrs
HFT 3545  Hospitality Facilities Management II  3 hrs
HFT 3265  Restaurant Operations Management  3 hrs
HFT 4343  Hospitality Facilities Management or 3 hrs
HFT 4457  Food, Beverage, and Labor Cost Controls  3 hrs
HFT 4861C  Beverage Management  3 hrs
HFT 4864  Seminar in Quality Brewing and Fine Beer or 3 hrs
HFT 4295  Leadership and Strategic Management in Hospitality Industry  3 hrs
Select 1: 3 hrs
Free Electives  5 hrs
Senior Year - Fall 13 hrs
HFT 4446  Hospitality Industry Finance  3 hrs
HFT 4286  Hospitality Communications, Sales, and Distribution  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.oosas.ucf.edu/alc/academic_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/

Gwynndolyn Crittenden, ED 223E, Gwynndolyn.Crittenden@ucf.edu, 407-823-1862
Dr. Janet Andreassen, ED123Q, janet.andreassen@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.

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 (7 hrs)
- Required MAC 2311C Calculus with Analytic Geometry I 4 hrs

Select 1:
- Prefer STA 1063C Basic Statistics Using Microsoft Excel or 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 PSC 1121 Physical Science 3 hrs
- 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 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 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 GEP
CHM 2045C Chemistry Fundamentals I GEP
PSC 1121 Physical Science GEP

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:
- 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

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
EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
TSL 4080 Theory and Practice of Teaching ESOL 3 hrs

Lifelong Learning Track 3 hrs
SCE 4361 Programs in Teaching Science 3 hrs

Education Track Specialization Requirements 21 hrs
- CHM 2205 Introduction to Organic and Biochemistry 5 hrs
- CHM 2046 Chemistry Fundamentals II 4 hrs
- CHM 2046L Chemistry Fundamentals Laboratory 1 hr
- PCB 3044 Principles of Ecology 3 hrs
- PCB 3044L Principles of Ecology Laboratory 1 hr
- MCB 3020C General Microbiology 5 hrs
- SCE 4361 Programs in Teaching Science 3 hrs
Lifelong Learning Track Specialization

Select preferred specialization courses with advisor approval. A grade of "C-" (1.75) or better is required. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval.

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<th>Course Title</th>
<th>Hours</th>
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<td>Principles of Ecology</td>
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<td>Principles of Ecology Laboratory</td>
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<td>MCB 3020C</td>
<td>General Microbiology</td>
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<td>PCB 3703C</td>
<td>Human Physics</td>
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<td>Introduction to Digital Media</td>
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<td>Digital Imaging Fundamentals</td>
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<td>Developmental Psychology</td>
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</table>

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)

#### Recommended Four Year Sequence of Courses

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year - Fall</strong></td>
<td>12 hrs</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>3 hrs</td>
</tr>
<tr>
<td>U.S. History: 1492-1877</td>
<td></td>
</tr>
<tr>
<td>ENC 1101</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Composition I</td>
<td></td>
</tr>
<tr>
<td>PSY 2012</td>
<td>3 hrs</td>
</tr>
<tr>
<td>General Psychology</td>
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</tbody>
</table>

**Select 1:**

- STA 2014C Principles of Statistics or 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>Freshman Year - Spring</strong></td>
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<tr>
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<tr>
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<tr>
<td>ENC 1102</td>
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<tr>
<td>Composition II</td>
<td></td>
</tr>
<tr>
<td>PHI 2010</td>
<td>3 hrs</td>
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<tr>
<td>Introduction to Philosophy</td>
<td></td>
</tr>
<tr>
<td>PSC 1121</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Physical Science</td>
<td></td>
</tr>
<tr>
<td>SPC 1608</td>
<td>3 hrs</td>
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<tr>
<td>Fundamentals of Oral Communication</td>
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**Education Track 3 hrs**

<table>
<thead>
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<tbody>
<tr>
<td><strong>Sophomore Year - Fall</strong></td>
<td>14 hrs</td>
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<tr>
<td>BSC 2010C</td>
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<tr>
<td>Biology I</td>
<td></td>
</tr>
<tr>
<td>CHM 2045C</td>
<td>4 hrs</td>
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<tr>
<td>Chemistry Fundamentals I</td>
<td></td>
</tr>
<tr>
<td>MAC 2311</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Calculus with Analytic Geometry I</td>
<td></td>
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<tr>
<td>EDF 2005</td>
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<tr>
<td>Introduction to the Teaching Profession</td>
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**Lifelong Learning Track 3 hrs**

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<th>Hours</th>
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<tr>
<td><strong>Sophomore Year - Spring</strong></td>
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<tr>
<td>BSC 2011C</td>
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<td>Biology II</td>
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<td>EDF 2085</td>
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<td>Introduction to Diversity for Educators</td>
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<td>EME 2040</td>
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<td>Introduction to Technology for Educators</td>
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<tr>
<td>CHM 2046</td>
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<tr>
<td>Chemistry Fundamentals II</td>
<td></td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>1 hr</td>
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<tr>
<td>Chemistry Fundamentals Laboratory</td>
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**Sophomore Year - Summer 3 hrs**

<table>
<thead>
<tr>
<th>Semester</th>
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<tbody>
<tr>
<td><strong>Junior Year - Fall</strong></td>
<td>14 hrs</td>
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<tr>
<td>EDF 4467</td>
<td>3 hrs</td>
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<tr>
<td>Learning Theory and Assessment</td>
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</tr>
<tr>
<td>EDG 4410</td>
<td>3 hrs</td>
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<tr>
<td>Teaching Strategies and Classroom Management</td>
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**Education Track 4 hrs**

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<tr>
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<tbody>
<tr>
<td><strong>Education Track</strong></td>
<td>10 hrs</td>
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<tr>
<td>MCB 3220C</td>
<td>5 hrs</td>
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<tr>
<td>General Microbiology and</td>
<td></td>
</tr>
<tr>
<td>CHM 2205</td>
<td>5 hrs</td>
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<tr>
<td>Introduction to Organic and Biochemistry</td>
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**Lifelong Learning Track 10 hrs**

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<th>Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>Junior Year - Spring</strong></td>
<td>13 hrs</td>
</tr>
<tr>
<td>SCE 4361</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Programs in Teaching Science</td>
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**Education Track**

<table>
<thead>
<tr>
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<th>Hours</th>
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<tbody>
<tr>
<td><strong>Senior Year - Fall</strong></td>
<td>13 hrs</td>
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<tr>
<td>EDF 4603</td>
<td>3 hrs</td>
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<tr>
<td>Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
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<tr>
<td>EEX 4242</td>
<td>3 hrs</td>
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<tr>
<td>Teaching Exceptional Students in Secondary Settings</td>
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**Education Track**

<table>
<thead>
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<th>Hours</th>
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</thead>
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<tr>
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<td>7 hrs</td>
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<td>Choose Lifelong Learning Specialization courses</td>
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**Senior Year - Spring 12 hrs**

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<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>Education Track</strong></td>
<td>12 hrs</td>
</tr>
<tr>
<td>SCE 4941</td>
<td>12 hrs</td>
</tr>
<tr>
<td>Internship</td>
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**Lifelong Learning Track**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>Lifelong Learning Track</strong></td>
<td>12 hrs</td>
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<tr>
<td>Choose Lifelong Learning Specialization courses</td>
<td></td>
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</table>

### Science Education - Chemistry (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 Andreassen, ED 123Q, Janet.Andreassen, 407-823-5430

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
      Preferred 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 1144C College Algebra 3 hrs

Select 1: 3 hrs
   Prefer STA 1063C Basic Statistics Using Microsoft Excel or
   Prefer STA 2043C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
   Prefer POS 2041 American National Government 3 hrs
   Prefer PSY 2015 General Psychology 3 hrs

E: Science Foundations (7 hrs)
   Required BSC 2010C Biology I 4 hrs
   Required PSC 1212 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.
   EDN 2005 Introduction to the Teaching Profession 3 hrs
   1 EDF 2005 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 CPP
   PSC 1121 Physical Science GEP
   PSC 1121L Physical Science Lab 1 hr
   BSC 2010C Biology I GEP
   MAC 1114C College Trigonometry GEP

Education Track
   EDF 2130 Child and Adolescent Development for Educators 3 hrs

Lifelong Learning Track 6 hrs
   MHS 2300 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

Education Core Requirements 27 hrs
   CHM 2111 Organic Chemistry II 3 hrs
   CHM 2111L Organic Laboratory Techniques I 2 hrs
   CHS 3501 Introduction to Forensic Science 3 hrs
   BCH 4053 Biochemistry I 3 hrs
   SCE 4360 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 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 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 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 Practicess 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.

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 4063 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 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 4100 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
- 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.)

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
## UCF Degree Programs

### 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/**

Gwyndolyn Crittenden, ED 223E, Gwyndolyn.Crittenden@ucf.edu, 407-823-2238  
Dr. Janet Andreasen, ED 123Q, Janet.Andreasen@ucf.edu, 407-823-2238  
407-823-1862

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, 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 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.

### Education Track

<table>
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<tr>
<th>Year</th>
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<th>Credits</th>
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<tr>
<td>Junior Year -</td>
<td>Spring</td>
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<tr>
<td>RED 4043</td>
<td>Content Reading in Kindergarten through Grade 12</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SCE 4361</td>
<td>Programs in Teaching Science</td>
<td>3 hrs</td>
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</table>

**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 requirement 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:

- Prefer STA 1063C Basic Statistics Using Microsoft Excel or  3 hrs
- Require STA 2014C Principles of Statistics  3 hrs

#### D: Social Foundations (6 hrs)

- Prefer POS 2041 American National Government  3 hrs
- Prefer PSY 2052 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
- Prefer PHY 2048C Physics for Engineers & Scientists I  3 hrs

- Prefer ANT 2511 The Human Species or  3 hrs

- Prefer BSC 1005 Biological Principles  3 hrs

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.

#### Education Track

- 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  3 hrs
- 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  3 hrs
- PHY 2049C Physics for Engineers & Scientists II  4 hrs
- CHM 2055C Chemistry Fundamentals I  4 hrs
- CHM 2065 Chemistry Fundamentals II  3 hrs
- CHM 2048L 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
- Lifelong Learning Track requires 6 semester hours

#### Education Track

- PHY 2048C Physics for Engineers & Scientists I  3 hrs
- MAC 2311C Calculus with Analytic Geometry I  3 hrs

#### Education Track

- 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.
<table>
<thead>
<tr>
<th>Lifelong Learning Track</th>
<th>6 hrs</th>
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<tbody>
<tr>
<td>MHS 2330</td>
<td>Career Planning</td>
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**Select 1:**

- EDF 2130 | Child and Adolescent Development for Educators | 3 hrs |
- EDP 2270 | Adult Development & Learning | 3 hrs |

**Internship II**

- 12 hrs

**Core Requirements: Advanced Level (47 hrs)**

- **Education Track**: requires 50 semester hours
- **Lifelong Learning Track**: requires 47 semester hours

### Education Core Requirements

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<td>EDF 4467</td>
<td>Learning Theory and Assessment</td>
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</tr>
<tr>
<td>EDF 4603</td>
<td>Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDG 4410</td>
<td>Teaching Strategies and Classroom Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EEX 4242</td>
<td>Teaching Exceptional Students in Secondary Settings</td>
<td>3 hrs</td>
</tr>
<tr>
<td>RED 4043</td>
<td>Content Reading in Kindergarten through Grade 12</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TSL 4080</td>
<td>Theory and Practice of Teaching ESOL</td>
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### Lifelong Learning Track

<table>
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<td>Programs in Teaching Science</td>
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### Education Track Specialization Requirements

<table>
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<tr>
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<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
<td>CPP</td>
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<td>CHM 2046</td>
<td>Chemistry Fundamentals II</td>
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<td>Chemistry Fundamentals Laboratory</td>
<td>CPP</td>
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<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II</td>
<td>CPP</td>
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<tr>
<td>MAC 2313</td>
<td>Calculus with Analytic Geometry III</td>
<td>CPP</td>
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<tr>
<td>PHY 2049C</td>
<td>Physics for Engineers and Scientists I</td>
<td>CPP</td>
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<tr>
<td>PHY 3101</td>
<td>Physics for Engineers and Scientists II</td>
<td>3 hrs</td>
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<tr>
<td>SCE 4361</td>
<td>Programs in Teaching Science</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

**Elective:** 3000 or 4000 level PHY or PHZ prefix | 4 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 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/.

- 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

- 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PHY 3101</td>
<td>Physics for Engineers and Scientists III</td>
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<tr>
<td>PHY 3752C</td>
<td>Physics of Scientific Instruments</td>
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<td>PHY 3722C</td>
<td>Physics Laboratory-Electronics</td>
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<td>EDG 4941</td>
<td>Directed Field Experience</td>
<td>1 hr</td>
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<td>EDG 4948</td>
<td>Service Learning</td>
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<td>DIG 3525</td>
<td>Digital Media Production I</td>
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<tr>
<td>DIG 2000</td>
<td>Introduction to Digital Media</td>
<td>3 hrs</td>
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<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>
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<td>DIG 3811</td>
<td>User-Centered Design</td>
<td>3 hrs</td>
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<td>DEP 2004C</td>
<td>Developmental Psychology</td>
<td>3 hrs</td>
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<td>DEP 3202</td>
<td>Psychology of Exceptional Children</td>
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<td>DEP 3464</td>
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<td>EXP 3604C</td>
<td>Cognitive Psychology</td>
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<td>EXP 3250</td>
<td>Principles of Human Factors Psychology</td>
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<td>EAB 3703C</td>
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<td>MAN 3025</td>
<td>Management of Organizations</td>
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<td>MAN 4101</td>
<td>Human Relations in Management</td>
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<td>MAR 3023</td>
<td>Marketing</td>
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<td>ECT 4184</td>
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<td>Introduction to the Hospitality and Tourism Industry</td>
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<td>HFT 2750</td>
<td>The Event Industry</td>
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<td>HFT 3798</td>
<td>Fairs and Festivals</td>
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<td>HFT 4754</td>
<td>Exhibit and Trade Show Operations</td>
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</table>

### 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
UCF Degree Programs

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
   - AMH 2010 U.S. History: 1492-1877 3 hrs
   - ENC 1101 Composition I 3 hrs
   - PSY 2012 General Psychology 3 hrs
   - SCE 1063C Basic Statistics Using Microsoft Excel or
   - STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

Select 1:
   - STA 1063C Basic Statistics Using Microsoft Excel or
   - STA 2014C Principles of Statistics 3 hrs

Freshman Year - Spring
   - AMH 2020 U.S. History: 1877-Present 3 hrs
   - MAC 2311C Calculus with Analytic Geometry I 4 hrs
   - ENC 1102 Composition II 3 hrs
   - PHI 2010 Introduction to Philosophy 3 hrs
   - POS 2041 American National Government 3 hrs

Freshman Year - Summer
   - MAC 2312 Calculus with Analytic Geometry II 4 hrs
   - EDF 2005 Introduction to the Teaching Profession 3 hrs

Sophomore Year - Fall
   - MAC 2313 Calculus with Analytic Geometry III 4 hrs
   - PHY 2048C Physics for Engineers & Scientists I 4 hrs
   - EDF 2035 Introduction to Diversity for Educators 3 hrs

Select 1:
   - ANT 2511 The Human Species or 3 hrs
   - BSC 1005 Biological Principles 3 hrs

Sophomore Year - Spring
   - CHM 2045C Chemistry Fundamentals I 4 hrs
   - EME 2040 Introduction to Technology for Educators 3 hrs
   - PHY 2049C Physics for Engineers and Scientists II 4 hrs

Education Track
   - EDF 2130 Child and Adolescent Development for Educators 3 hrs

Lifelong Learning Track
   - EDF 2005 Introduction to the Teaching Profession 3 hrs

Junior Year - Fall
   - CHM 2046L Chemistry Fundamentals Laboratory 1 hr
   - TSL 4080 Theory and Practice of Teaching ESOL Students in Schools 3 hrs

Junior Year - Spring
   - EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
   - EDG 4410 Teaching Strategies and Classroom Management 3 hrs

Senior Year - Fall
   - 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

Senior Year - Spring
   - SCE 4941 Internship 12 hrs

Program Academic Learning Compacts
   - Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
     http://www.oenas.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/

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.
   - 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 1010 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
- Suggested MGF 1106 Finite Mathematics or MGF 1107 Explorations in Mathematics 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.
   - Select 1: EDF 2130 Child and Adolescent Development 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 (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
  - EDF 2130 Child and Adolescent Development for Educators 3 hrs
  - SYG 2000 Introduction to Sociology 3 hrs
  - ECO 2013 Principles of Macroeconomics 3 hrs

Lifelong Learning Track 12 hrs
- SYG 2000 Introduction to Sociology 3 hrs
- ECO 2013 Principles of Macroeconomics 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 21 semester hours
- Student should consult advisor regarding course options

Lifelong Learning Track 12 hrs
- 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 Macroeconomics 3 hrs
- EUH 2000 Western Civilization I 3 hrs
- EUH 2001 Western Civilization II 3 hrs
- AMH 2010 U.S. History: 1877-Present 3 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs
- POS 2041 American National Government 3 hrs
- PSY 2012 General Psychology 3 hrs
- SSE 4936 Programs in Teaching Social Science 3 hrs
- ECO 2023 Principles of Macroeconomics 3 hrs
- ECO 2013 Principles of Microeconomics 3 hrs

Upper Division Non-Western History Electives (AFH, ASH, or LAH prefix courses 3/4XXX) 3 hrs
- Upper Division Political Science Elective (CPO, INR, or PSY 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, ASH, CPO, INR, LAH, or PSY 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/clinicalexp/

Internship II 12 hrs
- 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/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-5.066.

Lifelong Learning Track Specialization 42 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.

Field of Concentration Upper Level Courses (1-39 hrs of 1 hr
AFH, AMH, ASH, CPO, HUM, INR, LAH or POS 3/4XXX)
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 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 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
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- 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

Freshman Year - Fall (120 hrs)

Freshman Year - Spring
AMH 2010 U.S. History: 1492-1877 3 hrs
ENC 1011 Composition I 3 hrs
MGF 1106 Finite Mathematics 3 hrs
PSY 2012 General Psychology 3 hrs

Freshman Year - Summer
SPE 1608 Fundamentals of Oral Communication 3 hrs
PHI 2010 Introduction to Philosophy 3 hrs

Select 1: (3 hrs)
ANT 2511 The Human Species or
BSC 1005 Biological Principles 3 hrs

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

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Freshman Year - Spring
AMH 2010 U.S. History: 1492-1877 3 hrs
ENC 1011 Composition I 3 hrs
MGF 1106 Finite Mathematics 3 hrs
PSY 2012 General Psychology 3 hrs

Freshman Year - Summer
SPE 1608 Fundamentals of Oral Communication 3 hrs
PHI 2010 Introduction to Philosophy 3 hrs

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- 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

Freshman Year - Fall (120 hrs)

Freshman Year - Spring
AMH 2010 U.S. History: 1492-1877 3 hrs
ENC 1011 Composition I 3 hrs
MGF 1106 Finite Mathematics 3 hrs
PSY 2012 General Psychology 3 hrs

Freshman Year - Summer
SPE 1608 Fundamentals of Oral Communication 3 hrs
PHI 2010 Introduction to Philosophy 3 hrs

Select 1: (3 hrs)
ANT 2511 The Human Species or
BSC 1005 Biological Principles 3 hrs

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.
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<th>Sophomore Year - Fall</th>
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<tr>
<td>EDF 2005</td>
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<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
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<td>SYG 2000</td>
<td>Introduction to Sociology</td>
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<td><strong>Select 1:</strong></td>
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<td>STA 1063C</td>
<td>Basic Statistics Using Microsoft Excel or</td>
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<td>STA 2014C</td>
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<td>EDF 2065</td>
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<td>EDF 4467</td>
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<td>Programs in Teaching Social Science</td>
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<td>Choose Lifelong Learning Specialization courses</td>
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<td>World Political Geography and</td>
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<td>SSE 3940</td>
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<td>SSE 4361</td>
<td>Social Science Instructional Analysis</td>
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<td>Choose Lifelong Learning Specialization courses</td>
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<td><strong>Senior Year - Fall</strong></td>
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<tr>
<td>EDF 4603</td>
<td>Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
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<td>EEX 4242</td>
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<td>Choose Lifelong Learning Specialization courses</td>
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<td><strong>Senior Year - Spring</strong></td>
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<tr>
<td>SSE 4941</td>
<td>Internship</td>
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### Lifelong Learning Track
Choose Lifelong Learning Specialization courses

### 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 Sciences (B.S.)
**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

The Social Science Interdisciplinary Degree emphasizes the critical study of the social world. The curriculum increases students' awareness of the social sciences and how they interpret society, societal institutions, social interaction and communication, social culture, as well as past and present human conditions. Students focus on several specific areas within the social sciences while becoming aware of the interdisciplinary nature of the participating programs.

### Admission Requirements
- None

### Degree Requirements
- Students who change degree programs and select this major must adopt the most current catalog.
- Students who declare the Social Sciences major must meet with a program advisor and complete a standardized entrance exam.
- Students must meet the residency requirements specified in each minor.
- Special topics courses may be used if they are acceptable within the specific minor.
- A minimum UCF GPA of 2.0 is required in all courses used to satisfy the major.
- Grades below “C” (2.0) in lower level courses are not accepted.
- Co-op, internship, or credit by exam (TSD, Military credit) cannot be used in this major.
- Independent Studies and Directed Independent Research (course numbers 3905, 4906, 5907, 4912, 5917, 3940, 4941) must be approved by the Sociology Department prior to enrollment.
- 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

**Complete one of the following:** (3 hrs)
- **Suggested** SPC 1608 Fundamentals of Oral Communication or SPC 1603C Fundamentals of Technical Presentations or
- **Prefer** COM 1000 Introduction to Communication | 3 hrs

### B: Cultural & Historical Foundations (9 hrs)

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**UNIVERSITY OF CENTRAL FLORIDA**

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Select one of the following, depending on the concentration to be followed.

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 or 3 hrs

D: Social Foundations (6 hrs)
Select the following course: 3 hrs
- POS 2041 American National Government

Select one of the following, depending on the concentration to be followed.

Required Minors:
- Complete the requirements for 3 Social Science minors dealing with the following areas:
  - Only one minor may be selected from the same department or school.
  - Anthropology: 18 hrs
  - Communication: 18 hrs
  - Political Science: 18 hrs
  - Psychology: 25 hrs
  - Sociology: 18 hrs

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.
### Course Requirements for Social Work

#### Freshman Year
- **Fall**
  - ENC 1101 Composition I: 3 hrs
  - Foreign Language: 4 hrs
  - GEP- Math: 3 hrs
  - GEP: 3 hrs
  - GEP: 3 hrs

- **Spring**
  - Core Course: 3 hrs
  - Statistics: 3 hrs
  - ENC 1102 Composition II: 3 hrs
  - Foreign Language: 4 hrs
  - GEP: 3 hrs

#### Sophomore Year
- **Fall**
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - GEP: 3 hrs
  - GEP: 3 hrs
  - GEP: 3 hrs

- **Spring**
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - GEP: 3 hrs
  - GEP: 3 hrs
  - GEP: 3 hrs

#### Junior Year
- **Fall**
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs

- **Spring**
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs

#### Senior Year
- **Fall**
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Elective / Minor: 3 hrs
  - Free Elective: 3 hrs

- **Spring**
  - Restricted Elective: 3 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](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.cohpa.ucf.edu/social/](http://www.cohpa.ucf.edu/social/)
- [Email: socialwk@ucf.edu](mailto:socialwk@ucf.edu)
- [Dr. Bonnie Yegidis, Director](mailto:Bonnie.Yegidis@ucf.edu)
- [Robin Kohn, Undergraduate Program Coordinator](mailto:Robin.Kohn@ucf.edu)
- [Catherine Cash, BSW Advisor](mailto:Catherine.Cash@ucf.edu)
- [Phone: 407-823-2114](tel:4078232114)

### 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.

### 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)

<table>
<thead>
<tr>
<th>A: Communication Foundations</th>
<th>(9 hrs)</th>
</tr>
</thead>
<tbody>
<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>Suggested STA 2014C Principles of Statistics or STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C: Mathematical Foundations</th>
<th>(6 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested STA 2023 Statistical Methods I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
### UCF Degree Programs

**Select 1:**
- Suggested MGF 1106 Finite Mathematics or MGF 1107 Explorations in Mathematics 3 hrs

**D: Social Foundations** *(6 hrs)*
- Suggested POS 2041 American National Government 3 hrs
- Suggested PSY 2012 General Psychology 3 hrs

**E: Science Foundations** *(6 hrs)*
- Suggested BSC 1005 Biological Principles or BSC 1005 Biological Principles 3 hrs

**Select 1:**
- Prefer PSC 1121 Physical Science or PSC 1120 Physical Science 3 hrs
- Suggested AST 2002 Astronomy 3 hrs

**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 GEP
- BSC 1005 Biological Principles GEP
- PSY 2012 General Psychology GEP
- SYG 2000 Introduction to Sociology 3 hrs

**Select 1:**
- ECO 2013 Principles of Macroeconomics or ECO 2015 Principles of Microeconomics 3 hrs

**3. Core Requirements: Basic Level**
- None

**4. Core Requirements: Advanced Level (45 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 3 hrs
- SOW 3111 Assessing II: Human Systems 3 hrs
- SOW 3352 Practice II: Interpersonal Skills in Social Work: 3 hrs
- SOW 3401 Social Work Research 3 hrs
- SOW 3820 Culturally Competent Social Work Practice 3 hrs
- SOW 4730 Documentation in Social Work Practice 3 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 4522 Field Education Seminar 3 hrs
- SOW 4510 Field Education 9 hrs

**Required Principles of Statistics**
- STA 2014C Principles of Statistics 3 hrs
- STA 2023 Statistical Methods I 3 hrs

**Cultural Diversity Requirement** *(6 hrs)*
- Choose two of the following suggested courses
- ANI 3111 Indians of the Southeastern United States 3 hrs
- ANT 3302 Sex, Gender and Culture 3 hrs
- ANT 3311 Indians of the Southeastern United States 3 hrs
- 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**
- A minimum overall GPA of 2.5 in all social work courses with a minimum grade of “C” (2.0) or higher in each social work course.
- 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
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: 3 hrs
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: 3 hrs
PSY 2012 General Psychology or 3 hrs
SYG 2000 Introduction to Sociology 3 hrs

Select 1: 3 hrs
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: 3 hrs
ECO 2013 Principles of Macroeconomics or 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select 1: 3 hrs
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
Select 1: 3 hrs
CHM 1020 Concepts in Chemistry or 3 hrs
PSC 1121 Physical Science or 3 hrs
AST 2002 Astronomy 3 hrs

Select 1: 3 hrs
CHM 1020 Concepts in Chemistry or 3 hrs
PSC 1121 Physical Science or 3 hrs
AST 2002 Astronomy 3 hrs

Sophomore Year - Summer 6 hrs
Select 1: 3 hrs
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 3000 Practice I: Generalist Practice in Social Work 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 3 hrs
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

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

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

Sociology (B.A.)

Department of Sociology

Undergraduate Catalog 2014-2015

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.
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 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, 4912, 5917, 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)  
   
   A: Communication Foundations  
   B: Cultural & Historical Foundations  
   C: Mathematical Foundations  
   
   Math:  
   - A satisfactory score in the Math Placement Test is required before enrolling in this course.  
     Prefer MAC 1105C College Algebra 3 hrs
   
   Statistics:  
   - Prefer STA 2014C Principles of Statistics 3 hrs
   
   D: Social Foundations  
   
   Political Science/Economics  
   - Select one listed course 3 hrs
   
   Social Sciences  
   - Required SYG 2000 Introduction to Sociology 3 hrs
   
   E: Science Foundations  
   
   2. Common Program Prerequisites (CPP)  
   - See “Common Prerequisites” in the Transfer and Transitions Services section for more information, including possible substitutions.  
     SYG 2000 Introduction to Sociology GEP  
     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 GEP/CPP  
   SYA 3110 Social Theory CPP

4. Core Requirements: Advanced Level  
   
   SYA 4300 Research Methods 4 hrs  
   SYA 4450 Data Analysis 4 hrs  
   SYA 3400 Applied Social Statistics 4 hrs

5. Restricted Electives  
   
   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 5625 ProSeminar 3 hrs  
     SYA 5652 Advanced Population 3 hrs  
     SYD 3410 Urban Society 3 hrs  
     SYD 3700 Race and Ethnicity 3 hrs  

6. 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,  

7. Foreign Language Requirements  

Admissions  

- Met by graduation requirement.

Grades  

- 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  

10. Required Minors  

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://utc.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
- Restricted Elective 3 hrs
- Free Elective 3 hrs
- Free Elective 3 hrs

Sophomore Year - Spring
- 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: fficah.ufc.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
   MGF 1107 Explorations in Mathematics

   Statistics - Computers
   3 hrs
   Select a course from GEP C.2 list
   You may substitute a higher level math with appropriate
   scores on the Math Placement Test

   D: Social Foundations (6 hrs)
   E: Science Foundations (6 hrs)

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

   1 May be met by proficiency test or completion of SPN 3234

3. Core Requirements: Basic Level
   SPN 3234 Advanced Directed Readings
   3 hrs

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
   3 hrs
   Select one of the following sequences of courses:
   SPW 3100 Survey of Spanish Literature I and
   SPW 3101 Survey of Spanish Literature II
   3 hrs
   or
   SPW 3130 Survey of Latin-American Literature I and
   SPW 3131 Survey of Latin-American Literature II
   3 hrs

   1 A native or near-native Spanish speaker must substitute an alternate
   upper division Spanish course in consultation with a departmental
   advisor.

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
   3 hrs

   Spanish literature beyond the survey level (6 hrs)
   Taught in Spanish
   Culture and Civilization
   3 hrs
   Select 1:
   SPN 4510 Spanish Civilization and Culture
   SPN 4520 Latin American Civilization and Culture
   3 hrs

6. Spanish courses
   9 hrs

7. Capstone Requirements
   None

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. Required 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

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

Sophomore Year - Fall 15 hrs
AMH 2010 U.S. History: 1492-1877
ARN 2050 History of Western Art I
POS 2041 American National Government
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

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/sportexscience

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 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: 1877-Present 3 hrs
Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
Elective from GEP section B.2 3 hrs

Select 1: Principles of Statistics 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 1121 Physical Science 3 hrs

2. Common Program Prerequisites (CPP)
- See Transfer Notes for possible substitutes for the following course:
  BSC 2010C Biology I GEP

3. Core Requirements: Basic Level (22 hrs)
Core Requirements for Sport and Exercise Science (22 hrs)

A. Track 1 - Coaching (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
  Coaching sport specific courses will be selected under electives (PEO course prefix)

B. Track 2 - Human Performance (24 hrs)
- Select one of the following tracks
  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
### UCF Degree Programs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PET 4552</td>
<td>Exercise Prescription for Special Populations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4143</td>
<td>Current Issues &amp; Trends in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 3125</td>
<td>Fitness and Weight Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4088</td>
<td>Physical Activity &amp; Preventive Medicine</td>
<td>3 hrs</td>
</tr>
<tr>
<td>C. Track 3 - Community Sport and Fitness</td>
<td>24 hrs</td>
<td></td>
</tr>
<tr>
<td>PET 3820</td>
<td>Teaching Sports Skills I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4002</td>
<td>Outdoor and Leisure Activities</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PET 4763</td>
<td>Coaching Methods And Principles</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPM 3415</td>
<td>Public Relations in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPM 3130</td>
<td>Aquatic Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ATR 4132</td>
<td>Human Injuries: Mechanisms &amp; Prevention</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPM 3504</td>
<td>Fiscal and Facilities: Issues in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPM 4723</td>
<td>Legal Issues in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 5. Restricted Electives (25 hrs)
- **Students** have the opportunity to add learning experiences by earning a double major or minor. In addition, many students will use these electives to take the required courses necessary for graduate studies, for example in medicine, physical therapy and other allied health graduate programs.
- **Courses** are required to be 2000 level or higher.

### 6. Capstone Requirements (12 hrs)
- **Select 1:** 9 hrs
- **PET 4901** Capstone in Sport and Exercise Science 3 hrs
- **Take 3 additional electives in the program approved by the advisor**
- **During the final year of the program,** students will complete Practicum requirements in an area that is specific to their desired career goals. In order to be placed into practicum, students will need to have a 2.75 GPA. These experiences will provide the student with actual professional experiences and practical hands-on application. The students will be working directly with a Practicum Site Supervisor in the organization and their UCF Faculty Supervisor. The UCF Faculty Supervisor will maintain periodic contact with the Practicum Site Supervisor to check performance status.
- **Students in the Practicum will be representing not only themselves while on site but also the Sport and Exercise Science Program, the College, and UCF.** Therefore, professionalism in manner, ethics, job performance, and dress will be expected at all times. Should there be any question of the performance of the students during their practicum experience, they will be required to meet with their UCF Faculty Supervisor and their Faculty Advisor for a performance evaluation before returning to the Practicum site. The performance concerns will be addressed and a plan of action regarding expectations and improvements will be developed.
- **If the problems persist and the situation warrants,** the students may be removed from their Practicum experience.

### 7. Foreign Language Requirements

#### Admissions
- (0-8 hrs.) 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
- Restricted Electives as listed above.

### 9. Additional Requirements
- **None**

### 10. Required Minors
- **None**

### 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
- 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
- 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
- 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
- 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
- PET 4312C Kinesiology/Biomechanics 3 hrs
- PET 4550C Assessment and Evaluation in Exercise Science 3 hrs
- APK 4110C Exercise Physiology 3 hrs
### UCF Degree Programs

**Statistics (B.S.)**

**College of Sciences**

**Department of Statistics,**

**Computer Center II, Room: 212**

[http://statistics.cos.ucf.edu/](

**Email:** statistics@ucf.edu

Dr. David Nickerson, 407-823-5528

Phone: 407-823-2289

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**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 should consult with a departmental advisor.**
  - **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)

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**Statistics (B.S.)**

**UCF Degree Programs**

<table>
<thead>
<tr>
<th>Junior Year - Spring</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<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>Junior Year - Summer</td>
<td>7 hrs</td>
</tr>
<tr>
<td>Elective Courses (2000 level or higher)</td>
<td>7 hrs</td>
</tr>
<tr>
<td>Senior Year - Fall</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>
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<td>PET 4088 Physical Activity &amp; Preventive Medicine</td>
<td>3 hrs</td>
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<tr>
<td>PET 4552 Exercise Prescription for Special Populations</td>
<td>3 hrs</td>
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<tr>
<td>PET 4143 Current Issues &amp; Trends in Sport and Exercise Science</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Senior Year - Spring</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>
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<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>
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</table>

**Coaching Track**

<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET 4312K Kinesiology/Biomechanics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>APK 4110C 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>Junior Year - Spring</td>
<td>15 hrs</td>
</tr>
<tr>
<td>PET 4050C Motor Development and Learning</td>
<td>3 hrs</td>
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<tr>
<td>PET 4550C Assessment and Evaluation in Exercise Science</td>
<td>3 hrs</td>
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<tr>
<td>PET 4763 Coaching Methods And Principles</td>
<td>3 hrs</td>
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<tr>
<td>SPM 3204 Sports and Ethics</td>
<td>3 hrs</td>
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<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Junior Year - Summer</td>
<td>7 hrs</td>
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<tr>
<td>Elective Courses (2000 level or higher)</td>
<td>7 hrs</td>
</tr>
<tr>
<td>Senior Year - Fall</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>
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<tr>
<td>SPM 4723 Legal Issues in Sport and Exercise Science</td>
<td>3 hrs</td>
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<tr>
<td>Elective Course (2000 level or higher)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Senior Year - Spring</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>
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</table>

**Community Sport and Fitness Track**

<table>
<thead>
<tr>
<th>Junior Year - Fall</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET 4312K Kinesiology/Biomechanics</td>
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</tr>
<tr>
<td>APK 4110C 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>
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<tr>
<td>Junior Year - Spring</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>

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**Select 1:**

- **9 hrs**

**Select 2:**

- **9 hrs**

**Select 3:**

- **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](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)

**Statistics (B.S.)**

**College of Sciences**

**Department of Statistics,**

**Computer Center II, Room: 212**

[http://statistics.cos.ucf.edu/](

**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.
  - **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.**
    - STA 2023 Statistical Methods I | 3 hrs |
    - STA 3032 Probability and Statistics for Engineers | 3 hrs |

1. **UCF General Education Program (GEP) (39 hrs)**
   - Certain courses must be selected in the GEP for this major bringing the total hours to more than 36.

   **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 STA 2023 Statistical Methods I 3 hrs

D: Social Foundations (6 hrs)
Economics 3 hrs
 Prefer ECO 2013 Principles of Macroeconomics 3 hrs
Social Sciences: Select one. 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 (8 hrs)
Life Science: 4 hrs
Required BSC 2010C Biology I 4 hrs
Physical Science: 4 hrs
Required CHM 2045C Chemistry Fundamentals I or 4 hrs
Required PHY 2053C College Physics I 4 hrs

2. Common Program Prerequisites (CPP) (11 hrs)
See “Common Prerequisites” in the Transfer and Transitions Services section for more information, including some possible substitutes.
COP 3223 Introduction to Programming with C 3 hrs
MAC 2311C Calculus with Analytic Geometry I GEP 3 hrs
MAC 2312 Calculus with Analytic Geometry II GEP 4 hrs
MAC 2313 Calculus with Analytic Geometry III GEP 4 hrs
STA 2023 Statistical Methods I GEP 4 hrs

Complete two laboratory courses designed for science majors;
- The state of Florida requires Statistics majors to take two laboratory-based science courses designed for science majors. Students must complete 8 credits of the following courses, and depending on what was taken in the GEP, this requirement may already be satisfied.
- Note: both semesters do not have to be in the same subject area.
- Note: depending on which courses were taken in the GEP, this requirement could require between 0 and 8 credits to complete.

Select two semesters within the following;
- See Basic Core for details.
- Biology majors’ courses with labs or Chemistry majors’ courses with labs or Physics majors’ courses with labs

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 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
STA 2023 Statistical Methods I 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 GEP/CPP

- or an alternate sequence,
- These two semesters only count as one, and are considered as equivalent to the above course.
CHM 2040 Chemistry Fundamentals IA and GEP/CPP
CHM 2041 Chemistry Fundamentals IB GEP/CPP

- or complete both
- Lecture plus lab count as one semester.
CHM 2046 Chemistry Fundamentals II and CPP
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
ENG 3241 Writing for the Technical Professional 3 hrs
COT 4500 Numerical Calculus 3 hrs

Select from the following courses; 4 hrs
MAS 3105 Matrix and Linear Algebra or 4 hrs
MAS 3106 Linear Algebra 4 hrs

Select from the following courses; 3 hrs
COT 3100C Introduction to Discrete Structures or 3 hrs
MTH 3021 Logic and Proof in Mathematics 3 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.
- The following courses cannot be used to satisfy this requirement:
MAC 2233 Concepts of Calculus 3 hrs
MAC 2533 Applied Calculus 3 hrs
MAC 2554 Applied Calculus II 3 hrs
MTH 4404 History of Mathematics 3 hrs
All MAE 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
- 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

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://iutc.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

- 13 hrs
  - 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

- 15 hrs
  - MAC 2312 Calculus with Analytic Geometry II 4 hrs
  - BSC 2010C Biology I 4 hrs
  - ENC 1102 Composition II 3 hrs

Select one course:

- 4 hrs
  - CHM 2045C Chemistry Fundamentals I or 4 hrs
  - PHY 2053C College Physics I 4 hrs

Sophomore Year - Fall

- 16 hrs
  - 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
  - GEP 3 hrs

Sophomore Year - Spring

- 15 hrs
  - 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

- 15 hrs
  - 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

- 16 hrs
  - 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

- 15 hrs
  - STA 4102 Computer Processing of Statistical Data 3 hrs
  - COP 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

- 15 hrs
  - 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.oemas.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)  
   **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**  
   (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  
   **4. Core Requirements: Advanced Level**  
   (57 hrs)  
   ADE 4362 Teaching Adult Learners in Technical Programs 3 hrs  
   ECT 3065 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:**  
   BTE 4410 Course Construction in Business Education 3 hrs  
   or  
   ECW 3312 Course Construction in Health Occupations Education 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  
   **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.)

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**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**  
- ENC 1101 Composition I 3 hrs  
- EDF 2005 Introduction to the Teaching Profession 3 hrs  
- EME 2040 Introduction to Technology for Educators 3 hrs  
- STA 2014C Principles of Statistics 3 hrs  
- Social Foundations Course 3 hrs  
- Cultural-Historical Foundations Course 3 hrs  
- Total: 15 hrs

**Freshman Year - Spring**  
- ENC 1102 Composition II 3 hrs  
- STA 2063C Basic Statistics Using Microsoft Excel or 3 hrs  
- STA 2014C Principles of Statistics 3 hrs  
- Cultural-Historical Foundations Course 3 hrs  
- Social Foundations Course 3 hrs  
- Total: 15 hrs

**Sophomore Year - Fall**  
- 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  
- Total: 12 hrs

**Sophomore Year - Spring**  
- 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  
- Total: 12 hrs

**Sophomore Year - Summer**  
- ECW 3564 Special Populations in Career & Technical Education 3 hrs  
- Total: 6 hrs

**Select 1:**  
- ECW 3312 Course Construction in Health Occupations Education or 3 hrs  
- ECT 3371 Course Construction in Industrial Education 3 hrs

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**Undergraduate Catalog 2014-2015**  
- 326
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.

- Design & Technology and Stage Management tracks require an interview and portfolio review. The portfolio need not be expensive and should contain no more than fifteen examples of the student’s best work representing a variety of mediums including theatre work, drawing, painting, or other related projects. Three-dimensional pieces should be submitted in photo format. Stage Management majors should prepare a prompt book for presentation at their interview. See http://www.theatre.ucf.edu.
- All Acting students must submit a resume, color head shot, three letters of recommendation, and transcripts of previous college work at the time of audition.
- All Design & Technology and Stage Management students must submit a resume, personal photo (formal head shot not required), three letters of recommendation, and transcripts of previous college work at the time of interview.
- All BFA 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 BFA plan of study requires a fall start for proper course sequencing. Students are not accepted to begin in the Summer 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. Continuation in the BFA program requires a positive BFA Review every semester. More than one negative review at any time in the program can lead to removal from the program.
- Co-op credit cannot be used in this major.
- Students must consult with a departmental advisor before registering each semester. 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 departmental 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 acting majors (including transfers) 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/backstage assignment, one must be a front of house assignment, and the final one can be chosen by the student.
- Prior to graduation, all BFA Design & Technology and Stage Management majors (including transfers) must participate in at least 4 productions in addition to their...
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.
- 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 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)

A: Communication Foundations (9 hrs)

B: Cultural & Historical Foundations (9 hrs)

1 Required THE 2020 Survey of Theatre for Majors 3 hrs

2 Required ARH 2051 History of Western Art II 3 hrs

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)

Math: 3 hrs

Suggested MGF 1107 Explorations in Mathematics 3 hrs or
Suggested MGF 1106 Finite Mathematics or
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

D: Social Foundations (6 hrs)

Required PSY 2012 General Psychology 3 hrs

1 Stage Management Students select PSY 2012 (General Psychology)

E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP) (20 hrs)

1 Stage Management Students select CPP 2012 (General Psychology) or

2 See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

1 THE 2020 Survey of Theatre for Majors

2 THE 2305 Script Analysis for Theatre 3 hrs

THE 2925L Theatre Participation 1 hr

TPA 2290L Theatre Participation-Production I 1 hr

TPP 2110C Acting I - Introduction 3 hrs

Theatre Electives (THE, TPP, TPA prefix) 9 hrs

Acting students select: 3 hrs

TPA 2200 Introduction to Technical Theatre and 2 hrs

TPA 2200L Intro to Technical Theatre Lab 1 hr

Design & Technology and Stage Management 3 hrs

students select:

1 TPA 2210 Stagecraft I 3 hrs

1 See Transfer Notes for possible substitutes.

3. Core Requirements: Basic Level (12 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

TPP 3310C Directing for Theatre I 3 hrs

THE 4854 Theatre Exit Critique 0 hrs

1 See Transfer Notes for possible substitutes.

4. Core Requirements: Advanced Level (61 hrs)

Specialization: select one area

Acting Specialization 58 hrs

TPA 2240C Makeup Techniques and 2 hrs

DAA 2200C Ballet I and 2 hrs

TPP 2170C Acting II - The Actor Prepares and 3 hrs

TPP 3173C Acting III - Building the Character and 3 hrs

TPP 4140C Acting IV - Creating the Role and 3 hrs

TPP 4142C Acting Verse and 3 hrs

TPP 4265C Camera Acting and 3 hrs

TPP 2710C Voice Production I and 2 hrs

TPP 3711C Voice Production II and 2 hrs

TPP 3712C Voice Production III and 2 hrs

TPP 4730C Dialects and 2 hrs

TPP 3510C Movement for the Actor I and 2 hrs

TPP 3513C Movement for the Actor II and 2 hrs

TPP 4531C Period Movement and 2 hrs

TPP 4512C Stage Combat and 2 hrs

TPP 3257C Musical Theatre Voice I and 2 hrs

TPP 3258C Musical Theatre Voice II and 2 hrs

TPP 4221 Auditioning and 3 hrs

TPP 4223C Theatre Careers for Performance and 3 hrs

TPP 2190L Theatre Participation-Performance I and 1 hr

TPP 4940L Theatre Internship and 6 hrs

Restricted Electives (Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department, except THE 3006, and not already applied toward a program requirement)

Select 1: 2 hrs

DAA 2570C Jazz Dance I or 2 hrs

DAA 2100C Modern Dance I 2 hrs

Select 1: 1 hr

TPA 4298L Theatre Participation-Production II or 1 hr

THE 4293L Theatre Participation-Management II or 1 hr

TPP 4193L Theatre Participation-Performance II or 1 hr

Stage Management Specialization 55 hrs

TPA 2210L Stagecraft I Lab and 1 hr

TPA 2211L Stagecraft II Lab and 1 hr

1 TPA 4298L Theatre Participation-Production II and 1 hr

1 TPA 4298L Theatre Participation-Production II and 1 hr

TPP 4400 Theatre Management and 3 hrs

TPP 2220C Stage Electronics and 3 hrs

TPP 2600 Stage Management Basics and 3 hrs

TPP 3601 Stage Management and 3 hrs

TPA 4602 Advanced Stage Management and 3 hrs

TPA 3195L Summer Theatre Studio/Design I and 3 hrs

TPA 3197L Summer Theatre Studio/Design II and 3 hrs

THE 4284 Period Costume, Architecture, and Decor 3 hrs

I and

THE 4285 Period Costume, Architecture, and Decor II and 3 hrs

TPP 4500L Theatre Careers in Production and 3 hrs

TPP 4250C CADD for Theatre and 2 hrs

TPP 3103 Intermediate Acting and 3 hrs

TPP 2211 Stagecraft II and 3 hrs
### Design & Technology Specialization

**52 hrs**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>ARH 2051 History of Western Art II and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 2210L Stagecraft I Lab and</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 2211L Stagecraft II Lab and</td>
<td>1 hr</td>
</tr>
<tr>
<td>TPA 2220C Stage Electronics and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 4088L Theatre Participation-Production I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 2071C Theatre Rendering and</td>
<td>1 hr</td>
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<tr>
<td>THE 4284 Period Costume, Architecture, and Decor</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 4285 Period Costume, Architecture, and Decor</td>
<td>3 hrs</td>
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<tr>
<td>TPA 3195L Summer Theatre Studio/Design I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3197L Summer Theatre Studio/Design II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 2211 Stagecraft II and</td>
<td>1 hr</td>
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<tr>
<td>TPA 2230C Costume Construction and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 2000C Theatre Design Basics and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 42650C CADD for Theatre and</td>
<td>2 hrs</td>
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<tr>
<td>TPA 4261C Advanced CADD for Theatre and</td>
<td>2 hrs</td>
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<tr>
<td>TPA 4401C Theatre Careers in Production and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 3077C Scene Painting and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 3601 Stage Management and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 4056C Advanced Scenography and</td>
<td>3 hrs</td>
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<tr>
<td>TPP 4940L Theatre Internship</td>
<td>6 hrs</td>
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<tr>
<td>TPA 2000C Theatre Design Basics and</td>
<td>3 hrs</td>
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<tr>
<td>TPA 3045C Costume Design for Theatre I</td>
<td>3 hrs</td>
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<tr>
<td>TPA 3223C Lighting Design for Theatre I</td>
<td>3 hrs</td>
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<tr>
<td>TPA 3265C Sound Design for Theatre I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3050C Scenic Design for Theatre I</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1. This course is taken twice.

### Transmission 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.

### Capstone Requirements

- None

### 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

- (variable)

### Additional Requirements

- None

### Required Minors

- None

### 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.

### 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

- None

### Theatres Studies

- None

### Certificates

- None

### Film - Cinema Studies

- None

### 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 3 hrs
  - 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. 3 hrs
  - TPA 2210 may be substituted with any introductory Stagecraft Course. Lab will still need to be taken. 3 hrs
  - TPA 2200 may be substituted with any introductory Stagecraft course. 3 hrs
  - TPP 3310C Directing for Theatre I 3 hrs
  - May be substituted with: TPP 2300

1. Or any introductory Theatre Directing course.
## Plan of Study

### None

#### Acting

**Freshman Year - Fall**  
- 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  
- 1 Part of GEP  

**Freshman Year - Spring**  
- 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**  
- TPA 2200  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  
- TPP 2170C  Acting II - The Actor Prepares  3 hrs  
- DAA 2200C  Ballet I  2 hrs  
- TPP 3711C  Voice Production II  2 hrs  
- General Education  3 hrs  

**Sophomore Year - Spring**  
- 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  
- TPP 4225  Auditioning  3 hrs  
- General Education  3 hrs  

**Select One:**  
- 2 hrs  
  - DAA 2570C  Jazz Dance I or  2 hrs  
  - DAA 2100C  Modern Dance I  2 hrs  

**Junior Year - Fall**  
- TPP 4140C  Acting IV - Creating the Role  3 hrs  
- TPP 4531C  Period Movement  2 hrs  
- TPP 3223C  Lighting Design for Theatre I or  3 hrs  
- THE 3313  Script Analysis for Theatre  3 hrs  
- TPP 3310C  Directing for Theatre I  3 hrs  
- General Education  3 hrs  

**Junior Year - Spring**  
- TPP 4142C  Acting Verse  3 hrs  
- THE 2925L  Theatre Participation  1 hr  
- TPP 4223C  Theatre Careers for Performance  3 hrs  
- General Education  9 hrs  

**Junior Year - Summer**  
- TPP 4940L  Theatre Internship  6 hrs  

**Senior Year - Fall**  
- TPP 4256C  Camera Acting  3 hrs  
- TPP 3223C  Lighting Design for Theatre I or  3 hrs  
- Theatre Elective  3 hrs  
- Theatre Elective  3 hrs  
- General Education  3 hrs  

**Senior Year - Spring**  
- TPP 4512C  Stage Combat  2 hrs  
- THE 2925L  Theatre Participation  1 hr  
- Theatre Elective  3 hrs  
- Theatre Elective  3 hrs  
- General Education  3 hrs  

### Stage Management

**Freshman Year - Fall**  
- 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**  
- TPA 2220C  Stage Electronics  3 hrs  
- TPA 2211  Stagecraft II  3 hrs  
- TPA 2211L  Stagecraft II Lab  1 hr  
- TPA 3601  Stage Management  3 hrs  
- THE 2305  Script Analysis for Theatre  3 hrs  
- General Education  3 hrs  

**Freshman Year - Summer**  
- TPA 3195L  Summer Theatre Studio/Tech/Design I  3 hrs  
- TPA 3197L  Summer Theatre Studio/Tech/Design II  3 hrs  

**Sophomore Year - Fall**  
- TPA 2000C  Theatre Design Basics  3 hrs  
- THE 3311  Theatre History and Dramatic Literature I  3 hrs  
- THE 2925L  Theatre Participation  1 hr  
- TPP 3103  Intermediate Acting  3 hrs  
- General Education  3 hrs  
- TPA 4251C  Advanced CADD for Theatre  2 hrs  

**Sophomore Year - Spring**  
- THE 3312  Theatre History and Dramatic Literature II  3 hrs  
- THE 2925L  Theatre Participation  1 hr  
- TPA 4602  Advanced Stage Management  3 hrs  
- General Education  3 hrs  
- General Education  3 hrs  

**Junior Year - Fall**  
- THE 3313  Theatre History and Dramatic Literature III  3 hrs  
- THE 2925L  Theatre Participation  1 hr  
- TPA 4602  Advanced Stage Management  3 hrs  
- General Education  3 hrs  
- General Education  3 hrs  

**Junior Year - Spring**  
- TPP 4401C  Theatre Careers in Production  3 hrs  
- THE 2925L  Theatre Participation  1 hr  
- General Education  3 hrs  
- General Education  3 hrs  

**Junior Year - Summer**  
- TPP 4940L  Theatre Internship  6 hrs  

**Senior Year - Fall**  
- TPA 4400  Theatre Management  3 hrs  
- THE 4284  Period Costume, Architecture, and Decor I  3 hrs  
- TPP 3310C  Directing for Theatre I  3 hrs  
- THE 4954  Theatre Exit Critique  0 hrs  
- Theatre Elective  3 hrs  
- General Education  3 hrs  

**Senior Year - Spring**  
- THE 4285  Period Costume, Architecture, and Decor II  3 hrs  
- Theatre Elective  3 hrs  
- Theatre Elective  3 hrs  
- General Education  3 hrs  

### Design & Technology

**Freshman Year - Fall**  
- 1 THE 2020  Survey of Theatre for Majors  3 hrs  
- TPA 2210  Stagecraft I  3 hrs  
- TPA 2210L  Stagecraft I Lab  1 hr  
- TPA 2000C  Theatre Design Basics  3 hrs  
- TPA 4250C  CADD for Theatre  2 hrs  
- General Education  3 hrs  

1 Part of GEP

**Freshman Year - Spring**  
- TPA 2220C  Stage Electronics  3 hrs  
- TPA 2071C  Theatre Rendering  3 hrs  
- TPA 2211  Stagecraft II  3 hrs  
- TPA 2211L  Stagecraft II Lab  1 hr  
- TPA 2230C  Costume Construction  3 hrs  
- THE 2305  Script Analysis for Theatre  3 hrs  

1 Undergraduate Catalog 2014-2015
### UCF Degree Programs

**Theatre - Musical Theatre Track (B.F.A.)**

**College of Arts and Humanities**  
**Department of Theatre**,  
**Performing Arts Center, Room: 210A**  
**http://theatre.cah.ucf.edu/**  
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/intererview. 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.

### Program Academic Learning Compacts
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oes.ucf.edu/aic/academic_learning_compacts.htm](http://www.oes.ucf.edu/aic/academic_learning_compacts.htm)

### Equipment Fees
- Part-Time Student: $45 per term
- Full-Time Student: $90 per term

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<thead>
<tr>
<th>Freshman Year - Summer</th>
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<tbody>
<tr>
<td>TPA 3195L Summer Theatre Studio/ Tech/ Design I</td>
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<td>TPA 3197L Summer Theatre Studio/ Tech/ Design II</td>
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<tr>
<td>THE 3311 Theatre History and Dramatic Literature I</td>
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<tr>
<td>TPA 4251C Advanced CAD/ D for Theatre</td>
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<tr>
<td>TPA 3077C Scene Painting</td>
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<td>TPA 2600 Stage Management Basics</td>
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<td>TPA 4384C Advanced Topics in Technical Theatre</td>
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<td>TPA 3601 Stage Management</td>
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<tr>
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<td>THE 2925L Theatre Participation</td>
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<td>General Education</td>
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<tr>
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<td>TPA 4066C Advanced Scenography</td>
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<tr>
<td>General Education</td>
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<tr>
<td>General Education</td>
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<td>TPP 4940L Theatre Internship</td>
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<td>THE 4284 Period Costume, Architecture, and Decor I</td>
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<td>TPP 3310C Directing for Theatre I</td>
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<td>THE 4984 Theatre Exit Critique</td>
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<td>General Education</td>
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<tr>
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<tr>
<td>TPA 3045C Costume Design for Theatre I</td>
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<td>General Education</td>
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<td>General Education</td>
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<tbody>
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<td>3 hrs</td>
</tr>
<tr>
<td>TPA 3223C Lighting Design for Theatre I</td>
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</table>
## 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 release 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 handbook 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 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 MGF 1107 Explorations in Mathematics or 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tr>
<td>THE 2020</td>
<td>Survey of Theatre for Majors</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 2305</td>
<td>Script Analysis for Theatre</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 2925L</td>
<td>Theatre Participation</td>
<td>1 hr</td>
</tr>
<tr>
<td>TPA 2290L</td>
<td>Theatre Participation-Production I</td>
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<tr>
<td>TPA 2200</td>
<td>Introduction to Technical Theatre</td>
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<tr>
<td>TPA 2200L</td>
<td>Intro to Technical Theatre Lab</td>
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</tr>
<tr>
<td>TPP 2110C</td>
<td>Acting I - Introduction</td>
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**Theatre Electives** (THE, TPP, TPA prefix) 9 hrs

### 3. Core Requirements: Basic Level (23 hrs)

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tr>
<td>MUT 1121</td>
<td>Music Theory and Musicanship I</td>
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<td>MUT 1122</td>
<td>Music Theory and Musicanship II</td>
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<tr>
<td>DAA 2200C</td>
<td>Ballet I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>DAA 2201C</td>
<td>Ballet II</td>
<td>2 hrs</td>
</tr>
<tr>
<td>DAA 2570C</td>
<td>Jazz Dance I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>DAA 2571C</td>
<td>Jazz Dance II</td>
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<tr>
<td>DAA 2520C</td>
<td>Tap Dance I</td>
<td>2 hrs</td>
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<tr>
<td>TPP 2248C</td>
<td>Makeup Techniques</td>
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<tr>
<td>TPP 2170C</td>
<td>Acting II - The Actor Prepares</td>
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### 4. Core Requirements: Advanced Level (50 hrs)

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<td>Acting III - Building the Character</td>
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<tr>
<td>TPP 4140C</td>
<td>Acting IV - Creating the Role</td>
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<tr>
<td>TPP 3251</td>
<td>Musical Theatre Acting I</td>
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<tr>
<td>TPP 3252</td>
<td>Musical Theatre Acting II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 4244</td>
<td>Musical Theatre History I</td>
<td>3 hrs</td>
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<tr>
<td>THE 4245</td>
<td>Musical Theatre History II</td>
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<tr>
<td>THE 3311</td>
<td>Theatre History and Dramatic Literature I</td>
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<tr>
<td>THE 3312</td>
<td>Theatre History and Dramatic Literature II</td>
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<td>TPP 3257C</td>
<td>Musical Theatre Voice I</td>
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<tr>
<td>TPP 3258C</td>
<td>Musical Theatre Voice II</td>
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<td>TPP 4259C</td>
<td>Musical Theatre Voice III</td>
<td>2 hrs</td>
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<td>TPP 4923C</td>
<td>Musical Theatre Voice IV</td>
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<tr>
<td>TPP 4746C</td>
<td>Musical Theatre Repertoire</td>
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<td>TPP 4940L</td>
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<td>TPP 4223C</td>
<td>Theatre Careers for Performance</td>
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<td>TPP 3310C</td>
<td>Directing for Theatre</td>
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<tr>
<td>THE 4954</td>
<td>Theatre Exit Critique</td>
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**Select 2** 2 hrs

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<td>Theatre Participation-Production II or</td>
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<tr>
<td>THE 4093L</td>
<td>Theatre Participation-Management II or</td>
</tr>
<tr>
<td>TPP 4193L</td>
<td>Theatre Participation-Performance II</td>
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### Movement Electives

- 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 of Theatre cannot be used in this program.

### 6. Capstone Requirements

- None

### 7. Foreign Language Requirements

- None

- (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
   ■ 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 may use any introductory course. However, THE 2020 is a prerequisite for all theatre courses and may still need to be taken.

Plan of Study

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<thead>
<tr>
<th>Freshman Year - Fall</th>
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<tbody>
<tr>
<td>THE 2020</td>
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<td>THE 2305</td>
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<td>General Education</td>
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<td>THE 2925L</td>
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<td>THE 4245</td>
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<td>TPA 4140C</td>
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<td>TPP 4923C</td>
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<td>THE 2925L</td>
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<td>THE 3312</td>
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<td>TPP 3352</td>
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<td>General Education</td>
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<td>TPP 4940L</td>
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<td>TPP 3310C</td>
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<td>DAA 2520C</td>
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<tr>
<td>General Education</td>
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</table>

Program Academic Learning Compacts
   ■ Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oeyes.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeyes.ucf.edu/alc/academic_learning_compacts.htm)

Equipment Fees
   ■ Part-Time Student: $45 per term
   ■ Full-Time Student: $90 per term
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 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 adopt 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.

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.
- All students must submit 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.

Math:
- Select one course from GEP C.2 list

Statistics - Computers
- Select a course from GEP C.2 list

D: Social Foundations

E: Science Foundations

2. Common Program Prerequisites (CPP) (20 hrs)
- See “Common Prerequisites” in the Transfer and Transitions Services section for more information.

A: Communication Foundations (9 hrs)
- The 2020 Survey of Theatre for Majors GEP
- The 2925L Theatre Participation 3 hrs
- TPP 3310C Directing for Theatre I 3 hrs
- TPP 3311 Theatre History and Dramatic Literature I 3 hrs
- TPP 3312 Theatre History and Dramatic Literature II 3 hrs
- TPP 3313 Theatre History and Dramatic Literature III 3 hrs
- TPA 2200L Intro to Technical Theatre Lab 1 hr
- TPA 2290L Theatre Participation-Production I 1 hr
- TPA 2305 Script Analysis for Theatre 3 hrs
- TPA 4298L Theatre Participation-Production II or 1 hr
- TPA 4954 Theatre Exit Critique 0 hrs
- TPP 4193L Theatre Participation-Performance II or 1 hr

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)
- 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.

Theatre Elective (THE, TPA, TPP, TPA Prefix) 9 hrs
- Required THE 2020 Survey of Theatre for Majors 3 hrs
- TPP 2110C Acting I - Introduction 3 hrs
- TPP 4193L Theatre Participation-Performance II or 1 hr
- Theatre Elective (THE, TPA, TPP, TPA Prefix) 9 hrs
- Select 1: 1 hr

1 See Transfer Notes for possible substitutes

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
- TPP 3310C Directing for Theatre I 3 hrs
- TPP 4964 Theatre Exit Critique 0 hrs
- Select 1: 1 hr
- TPA 4298L Theatre Participation-Production II or 1 hr
- TPA 4954 Theatre Exit Critique 0 hrs
- TPP 4193L Theatre Participation-Performance II or 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
- THE 2020 Survey of Theatre for Majors
- may be substituted with: THE 2200 Script Analysis for Theatre
- may be substituted with: THE 2300
- TPA 2200 Introduction to Technical Theatre
- may be substituted with: TPA 2210
- TPR 3310C Directing for Theatre I
- may be substituted with: TPR 3310
- TPR 2110C Acting I - Introduction
- may be substituted with: TPR 2190

Plan of Study
- Freshman Year - Fall
  - THE 2020 Survey of Theatre for Majors 3 hrs
  - TPH 2110C Acting I - Introduction 3 hrs
  - General Education 3 hrs
  - ENC 1101 Composition I 3 hrs
  - General Education 3 hrs

- Freshman Year - Spring
  - THE 2300 Script Analysis for Theatre 3 hrs
  - TPA 2200 Introduction to Technical Theatre 2 hrs
  - TPR 2200L Intro to Technical Theatre Lab 1 hr
  - General Education 3 hrs
  - Theatre Elective 3 hrs
  - General Elective 3 hrs

- Sophomore Year - Fall
  - General Education 3 hrs
  - Theatre Elective 3 hrs
  - THE 2925L Theatre Participation 3 hrs
  - General Education 3 hrs
  - General Education 3 hrs
  - General Education 3 hrs

- Sophomore Year - Spring
  - THE 3311 Theatre History and Dramatic Literature I 3 hrs
  - Theatre Elective 3 hrs
  - General Education 3 hrs
  - General Education 3 hrs
  - General Education 3 hrs

- Junior Year - Fall
  - TPA 2290L Theatre Participation-Production I 1 hr
  - THE 3312 Theatre History and Dramatic Literature II 3 hrs
  - General Education 3 hrs
  - General Education 3 hrs
  - General Education 3 hrs

- Junior Year - Spring
  - General Elective 3 hrs
  - THE 3313 Theatre History and Dramatic Literature III 3 hrs
  - General Education 2 hrs
  - TPP 3310C Directing for Theatre I 3 hrs
  - General Elective 3 hrs
  - General Elective 2 hrs

- Senior Year - Fall
  - THE 4954 Theatre Exit Critique 0 hrs
  - General Elective 3 hrs
  - Theatre Elective 3 hrs
  - THE 2925L Theatre Participation 1 hr
  - General Elective 3 hrs
  - General Elective 3 hrs
  - General Elective 3 hrs

- Senior Year - Spring
  - General Elective 3 hrs
  - Theatre Elective 3 hrs
  - General Elective 3 hrs
  - Theatre Elective 3 hrs
  - Theatre 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/PLC/home.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 Andreasen, ED 123Q, Janet.Andreasen@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 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 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
- Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
- Prefer PHI 2010 Introduction to Philosophy 3 hrs

C: Mathematical Foundations (6 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 (6 hrs)
- Prefer PSC 1121 Physical Science 3 hrs

Select 1:
- Prefer ANT 2511 The Human Species or 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 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:
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- EDP 2270 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 4477 Learning Theory and Assessment 3 hrs
- TSL 4080 Theory and Practice of Teaching ESL 3 hrs
- Select 1: 3 hrs
  - Select 2: 3 hrs
  - Select 3: 3 hrs

Departments in Schools
- RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs
- EEX 4242 Teaching Exceptional Students in Secondary Settings 3 hrs
- EDF 4603 Teaching English Learners: Language and Culture 3 hrs

Select 1:
- Pre-requisite for Internship (Education Track)
- Florida College System institution transfer students may substitute EEX 2010 Introduction to Special Education.

Education Track Specialization Requirements 24 hrs
- ELE 3433 Foreign Language Teaching in the Secondary School 3 hrs
- ELE 3434 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
- Additional 6 hours for Internship (Education Track)

Required prior to Internship I.

Internship I 3 hrs
- Program Internship I Prerequisites: EDF 4410, EDF 4477, FRE 3434, FRE 3760, 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.

For more information, students should see an advisor prior to registering for courses.
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 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.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-” (1.75) 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 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

FLE 4314 Internship 12 hrs

Other Cognate Requirements (Linguistics) 3 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
COM 3311 Communication Research Methods 3 hrs
COM 3330 Computer Mediated Communication 3 hrs
COM 4461 Intercultural Communication 3 hrs
SPC 1603C Fundamentals of Technical Presentations 3 hrs
SPC 3301 Interpersonal Communication 3 hrs
SPC 3425C Group Interaction and Decision-Making 3 hrs
SPC 3445 Leadership Through Oral Communication 3 hrs
SPC 4331 Nonverbal Communication 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
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
MGG 1106 Finite Mathematics or 3 hrs
MGG 1107 Exploration 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 2100 Introduction to Philosophy 3 hrs
SPC 1108 Fundamentals of Oral Communication 3 hrs

**Sophomore Year - Fall** 15 hrs
EDF 2005 Introduction to the Teaching Profession 3 hrs
FRE 2201 Intermediate French Language and Civilization I 3 hrs

Select 1: 3 hrs
STA 2014C Principles of Statistics or 3 hrs
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 ESL/ESOL for Students in Schools 3 hrs

**Junior Year - Spring** 15 hrs
RED 4043 Content Reading in Kindergarten through Grade 12 3 hrs

**Education Track** 12 hrs
FRE 4421 Advanced French Conversation and Civilization II 3 hrs
FLE 4330 Foreign Language Teaching in the Schools and Second Language Settings 3 hrs

**Lifelong Learning Track** 6 hrs
Choose Lifelong Learning Specialization courses 6 hrs

1 This course may be taken in the Fall of the senior year with consent of instructor.

**Senior Year - Fall** 12 hrs
Education Track 10 hrs
FLE 3940 Internship and 3 hrs
FRE 4421 Advanced French Conversation and 3 hrs
Upper division restricted electives (FRE/FRW 3/4XXX with advisor's consent) 6 hrs

**Senior Year - Spring** 12 hrs
Education Track 12 hrs
FLE 4941 Internship 12 hrs

**Program Academic Learning Compacts**
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: [http://www.oas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oas.ucf.edu/alc/academic_learning_compacts.htm)

**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](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 Andreasen, ED 123Q, Janet.Andreasen@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 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 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
- Prefer SPC 1008 Fundamentals of Oral Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Prefer ANH 2010 U.S. History: 1492-1877 3 hrs
- Prefer ANH 2020 U.S. History: 1877-Present 3 hrs
- Prefer PHI 2101 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
- Prefer STA 2014C Principles of Statistics 3 hrs

D: Social Foundations (6 hrs)
- Prefer POS 2041 American National Government 3 hrs
- Prefer PSY 2102 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 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 2085 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 Florida College System institution transfer students may substitute EEX 3394 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
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 ESOL 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 3394 for SPW 3100 and SPW 3101.

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
2 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 Civilization 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 3/4XXX) 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 3852 Bilingualismo y Literatura 3 hrs
- SPN 4800 Spanish-American Syntax or 3 hrs
- 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 ESOL Students in Schools.

1 Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.
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

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.

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-” (1.75) or better is required.
- Must have a total of 48 or more hours of upper level courses to graduate.

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 Civilization and Culture 3 hrs
SPN 4410 Advanced Spanish Conversation 3 hrs
SPN 4421 Advanced Spanish Composition 3 hrs
SPN 4510 Spanish Civilization and Culture 3 hrs
SPN 3852 Bilinguismo 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
PLE 4333 Foreign Language Teaching in the Secondary School 3 hrs
PLE 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 3520 Digital Media Production I 3 hrs
DIG 2000 Introduction to Digital Media 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
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 3788 Fairs and Festivals 3 hrs
HFT 4754 Exhibit and Trade Show Operations 3 hrs

COM 3311 Communication Research Methods 3 hrs
COM 3330 Computer Mediated Communication 3 hrs
COM 4461 Intercultural Communication 3 hrs
SPC 1603C Fundamentals of Technical Presentations 3 hrs
SPC 3301 Interpersonal Communication 3 hrs
SPC 3425C Group Interaction and Decision-Making 3 hrs
SPC 3445 Leadership Through Oral Communication 3 hrs
SPC 4331 Nonverbal Communication 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
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
- SPN 2201 Intermediate Spanish Language and Civilization II 3 hrs

Sophomore Year - Fall 15 hrs
- EDF 2065 Introduction to the Teaching Profession 3 hrs
- SPC 1608 Fundamentals of Oral Communication 3 hrs
- SPN 3300 Advanced Spanish Grammar and Composition 3 hrs

Select 1: 3 hrs
- STA 2044C Principles of Statistics or 3 hrs
- STA 1063C Basic Statistics Using Microsoft Excel 3 hrs

Education Track 3 hrs
- EDF 2130 Child and Adolescent Development for Educators 3 hrs

Lifelong Learning Track 3 hrs
- EDF 2130 Child and Adolescent Development for Educators 3 hrs
- EDP 2270 Adult Development & Learning 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
- SPN 3420 Spanish Composition 3 hrs

Select 1: 3 hrs
- BSC 1005 Biological Principles or 3 hrs
- ANT 2511 The Human Species 3 hrs

Sophomore Year - Summer 3 hrs
- SPW 3100 Survey of Spanish Literature I 3 hrs

Junior Year - Fall 15 hrs
- EDG 4410 Teaching Strategies and Classroom Management 3 hrs

Education Track 12 hrs
- SPN 3344 Advanced Spanish Native Fluency I and 3 hrs
- SPN 3780 Advanced Spanish Oral Communication 3 hrs
- SPW 3101 Survey of Spanish Literature II and 3 hrs
- SPN 4520 Latin American Civilization and Culture 3 hrs

Lifelong Learning Track 12 hrs
- Choose Lifelong Learning Specialization courses 12 hrs

Junior Year - Spring 12 hrs
- Prefer AMH 2020 U.S. History: 1877-Present 3 hrs
- Prefer PHI 2010 Introduction to Philosophy 3 hrs
- Prefer SPC 1608 Fundamentals of Oral Communication 3 hrs

Education Track 3 hrs
- SPN 3344 Advanced Spanish Native Fluency II 3 hrs

Lifelong Learning Track 3 hrs
- MHS 2330 Career Planning 3 hrs

Junior Year - Summer 9 hrs
- Select 1: 3 hrs

Education Track 3 hrs
- SPW 3100 Survey of Spanish Literature I 3 hrs

Senior Year - Fall 12 hrs
- FLE 4941 Internship 12 hrs

Lifelong Learning Track 9 hrs
- Choose Lifelong Learning Specialization courses 9 hrs

Senior Year - Spring 12 hrs
- Education Track 12 hrs
- Choose Lifelong Learning Specialization courses 12 hrs

Program Academic Learning Compacts

College of Arts and Humanities

Department of Writing and Rhetoric

Email: writingandrhetoric@ucf.edu

Dr. Blake Scott, Director, bscott@ucf.edu, 407-823-1057
Adele Richardson, Adele@ucf.edu, 407-823-0349

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

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
## C: Mathematical Foundations (6 hrs)
- Prefer: **POS 2041** American National Government 3 hrs

## D: Social Foundations (6 hrs)
- **Science Foundations** (6 hrs)
  - **Social Foundations** (6 hrs)
    - **E: Science Foundations** (6 hrs)

## 2. Common Program Prerequisites (CPP)
- **ENG 3311** Essay as Cultural Commentary 3 hrs
- **ENG 3375** Rhetoric in Popular Culture 3 hrs
- **ENG 3376** Writing in Global and Transnational Contexts 3 hrs
- **ENG 4354** Writing with Communities and Nonprofits 3 hrs
- **ENG 3372** Topics in Civic Rhetoric and Writing 3 hrs

## Applications of Civic and Cultural Writing and Rhetoric (9 hrs)
- **ENG 3311** Essay as Cultural Commentary 3 hrs
- **ENG 4353** Writing for Social Change 3 hrs
- **ENG 3375** Rhetoric in Popular Culture 3 hrs
- **ENG 3376** Writing in Global and Transnational Contexts 3 hrs
- **ENG 4354** Writing with Communities and Nonprofits 3 hrs
- **ENG 3372** Topics in Civic Rhetoric and Writing 3 hrs

## 4. Core Requirements: Advanced Level (6 hrs)
### Extending Theories and Histories of Writing, Rhetoric, and Literacy
- **ENG 2272** Writing Practicum 3 hrs
- **ENG 3311** Essay as Cultural Commentary 3 hrs
- **ENG 3375** Rhetoric in Popular Culture 3 hrs
- **ENG 3376** Writing in Global and Transnational Contexts 3 hrs
- **ENG 4354** Writing with Communities and Nonprofits 3 hrs
- **ENG 3372** Topics in Civic Rhetoric and Writing 3 hrs

## 5. Restricted Electives (18 hrs)
- Students must take at least 6 hours from this category.
- Students must take at least 6 hours from this category.
- Students must also take at least 3 hours from the Writing Practicums category.
- Students must take at least 6 hours of Advised Electives.

### Applications of Civic and Cultural Writing and Rhetoric (9 hrs)
- **ENG 3311** Essay as Cultural Commentary 3 hrs
- **ENG 3375** Rhetoric in Popular Culture 3 hrs
- **ENG 3376** Writing in Global and Transnational Contexts 3 hrs
- **ENG 4354** Writing with Communities and Nonprofits 3 hrs
- **ENG 3372** Topics in Civic Rhetoric and Writing 3 hrs

### Applications of Professional and Digital Writing (9 hrs)
- **ENG 3250** Professional Writing 3 hrs
- **ENG 4212** Professional Editing 3 hrs
- **ENG 3351** Writing for Publication 3 hrs
- **ENG 3833** Marketing Your Writing 3 hrs
- **ENG 3453** Writing About Health and Medicine 3 hrs
- **ENG 3455** Writing about Science and Technology 3 hrs
- **ENG 4416** Writing in Digital Environments 3 hrs
- **ENG 3433** Multimedia Writing and Composition 3 hrs
- **ENG 3454** Topics in Professional and Digital Writing 3 hrs

### Writing Practicums (3 hrs)
- **ENG 4275** Theory and Practice of Tutoring Writing 3 hrs
- **ENG 3473** Writing in Disciplinary Cultures 3 hrs
- **ENG 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)
- **ENG 4379** Writing and Rhetoric Capstone 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.

### 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.
- No more than 6 hours can overlap with courses used to satisfy the major.
- Can be a UCF minor or an interdisciplinary set of courses tailored to the student’s professional goals and approved by a DWR advisor.

### 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
UCF Degree Programs

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 15 hrs
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 15 hrs
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 16 hrs
PHI 2101 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 16 hrs
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 15 hrs
Restricted Elective 3 hrs
Restricted Elective 3 hrs
Course in Minor/Certificate/Program of Study 3 hrs
Elective 3 hrs

Junior Year - Spring 15 hrs
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 12 hrs
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 12 hrs
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.oias.ucf.edu/alc/academic_learning_compacts.htm
**MINORS AND CERTIFICATES**

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.

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<td>Health Sciences</td>
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<tr>
<td>Health Services Administration</td>
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<tr>
<td>History</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 4601 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.
□ 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 Equivalence requirements in the areas of Economics, Corporate Finance and Applied Statistics and prepare students for SOA Exam P, Exam FM and Exam MFE. It also will 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
ECO 2033 Principles of Microeconomics 3 hrs
ACG 2071 Principles of Managerial Accounting 3 hrs
ECO 2013 Principles of Macroeconomics 3 hrs
ACG 3131 Intermediate Financial Accounting I 3 hrs
FIN 3403C Business Finance 3 hrs
ACG 3361 Cost Accounting I  3 hrs
STA 4186 Theory of Derivative Pricing 3 hrs
ACG 3141 Intermediate Financial Accounting II  3 hrs
STA 4184 Introduction to Derivative Markets 3 hrs
ACG 3501 Financial Accounting for Governmental and Nonprofit Organizations 3 hrs
STA 4183 Theory of Interest  3 hrs
ACG 4401C Accounting Information Systems 3 hrs
STA 4168 Theory of Derivative Pricing 3 hrs
ACG 4851 Auditing  3 hrs
STA 4852 Applied Time Series 3 hrs
TAX 4001 Taxation of Business Entities and Transactions 3 hrs
STA 4163 Statistical Methods II 3 hrs
FIN 4453 Financial Models  3 hrs
STA 4164 Statistical Methods III 3 hrs
Restricted Electives
□ No additional courses are required.

Foreign Language Requirements
□ No Foreign Language is required.

Total Semester Hours Required
□ 21

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.
□ Any course substitutions must be approved by the program coordinator in advance of their being taken.

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)
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 Evaluation 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

Minors
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
Colbourn 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

Prerequisite Courses
■ None

Required Courses
■ None

(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 African Heritage and Life 3 hrs

Restricted Electives
■ 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 3319 Slavery, Resistance, and Cultural Dynamics 3 hrs
ANT 3319 Slavery, Resistance, and Cultural Dynamics 3 hrs
AMH 3403 History of the South Since 1865 or 3 hrs
ASL 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 3 hrs

Caribbean/Central, South America
(6 hrs)
■ Select two from the following
AFA 3955 Study Abroad in Eastern Caribbean or 3 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 300 African American Music or 3 hrs
AFA 3371 Evolution of Hip Hop or 3 hrs
AFA 3420 Malcolm X, Black Nationalism, and Internationalism or 3 hrs
AMH 3403 History of the South Since 1865 or 3 hrs
AMH 3572 Black American History II or 3 hrs
AML 3613 Narratives of Slavery or 3 hrs
AML 3614 Topics in African-American Literature or 3 hrs
AML 3615 Harlem, Haiti, and Havana or 3 hrs
ANT 3398 Black/Seminoide 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
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.
### American Studies - Minor

**College of Arts and Humanities**

**Colbourn Hall, Room: 201**


Phone: 407-823-3312

**Minor Admission Requirements**
- None

**Minor Requirements**
- None

**Prerequisite Courses**
- Required Courses (9 hrs)
  - AML 3031 American Literature I or 3 hrs

**Required Courses (3 hrs)**
- Select 1:
  - AML 4271 American Novel or 3 hrs
  - AML 4272 Literature of the South or 3 hrs
  - AML 3682 Ethnic Literature in America 3 hrs

**Social Sciences (3 hrs)**
- 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

**Restricted Electives (12 hrs)**
- 12 additional upper level hours. Select courses not already used from lists above.

**Foreign Language Requirements**
- None

**Total Semester Hours Required**
- 21

**Other Requirements**
- Students must earn a grade of “C” (2.0) in each course used to satisfy the minor.
- At least eighteen credit hours must be earned in upper level credits.
- 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 credit cannot be used toward the minor.
- No more than 9 hours may be taken in one area.

### Anthropology - Minor

**College of Sciences**

**Department of Anthropology,**

**Howard Phillips Hall, Room: 309**

[http://www.cos.ucf.edu/anthropology](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 (3 hrs)**
- ANT 2000 General Anthropology 3 hrs

**Restricted Electives (15 hrs)**
- A. Concentration in General Anthropology 15 hrs
  - 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
### 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 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 3156</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>
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<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>
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<tr>
<td>ANT 4525</td>
<td>Human Osteology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4580</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>
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</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>
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#### 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>

#### Complete at least four of the following courses; 12 hrs

1 or its graduate equivalent.

### 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)

<table>
<thead>
<tr>
<th>Select from;</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ANT 2000 General Anthropology or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 2410 Cultural Anthropology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 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 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>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/Semino 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>1 ANT 4802</td>
<td>Ethnographic Field Methods or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 ANT 4810</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>
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<tr>
<td>1 ANT 3319</td>
<td>Slavery, Resistance, and Cultural</td>
<td>3 hrs</td>
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<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.
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 (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 (6 hrs)
- Six semester hours of studio art in one area of specialization at the 3000-4000 level

Foreign Language Requirements
- None

Total Semester Hours Required
- 24

Other Requirements
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- At least six of the required hours must be regularly scheduled 3000-4000 level courses in one area of specialization and taken at UCF.
- 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.
- 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.

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
Minors

Prerequisite Courses
- None

Required Courses (15 hrs)
- 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
- 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

Restricted Electives (3 hrs)
- 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.

No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used in the minor without prior approval by the director.

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.
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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2048C</td>
<td>Physics for Engineers &amp; Scientists I</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>BSC 2010C</td>
<td>Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BSC 2011C</td>
<td>Biology II</td>
<td>4 hrs</td>
</tr>
<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>CHM 2210</td>
<td>Organic Chemistry I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CHM 2211L</td>
<td>Organic Laboratory Techniques I</td>
<td>2 hrs</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EGN 4941</td>
<td>Internship</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

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:
- EMA 5584  Biomedical Materials or 3 hrs
- EML 5760  Biofluid Mechanics or 3 hrs
- EEE 5272  Biomedical Sensors or 3 hrs
- EES 4111C Biological Process Control or 3 hrs
- EIN 5240C Ergonomics 3 hrs

Select 2:
- CAP 5505  Evolutionary Computation or 3 hrs
- BCh 4543  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 3 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 3 hrs

Computer Science Track (6 hrs)

Select 1:
- EMA 5584  Biomedical Materials or 3 hrs
- EML 5760  Biofluid Mechanics or 3 hrs
- EEE 5272  Biomedical Sensors or 3 hrs
- EES 4111C Biological Process Control or 3 hrs
- EIN 5240C Ergonomics 3 hrs

Select 2:
- BCh 4543  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 3 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 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 41

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.

Minors

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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>BSC 2011C</td>
<td>Biology II</td>
<td>4 hrs</td>
</tr>
<tr>
<td>CHM 2045C</td>
<td>Chemistry Fundamentals I</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

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 4863  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: bcbsinfo@mail.ucf.edu
Dr. Richard Peppler, Interim Director
Phone: 407-823-5932

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (23 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010C</td>
<td>Biology I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MCB 3020C</td>
<td>General Microbiology</td>
<td>5 hrs</td>
</tr>
<tr>
<td>PCB 3233L</td>
<td>Immunology Laboratory</td>
<td>1 hr</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>
<tr>
<td>BSC 3403C</td>
<td>Quantitative Biological Methods</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>
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 below "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
MIS 3025 Management of Organizations 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 department of Chemistry, with a minimum GPA of 2.0.
- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- 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 twelve hours used in the minor must be earned at UCF within the College of Business.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.

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
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 I 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**
- None

**Minor Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses**
(18 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATR 4132</td>
<td>Human Injuries: Mechanisms &amp; Prevention</td>
<td>3</td>
</tr>
<tr>
<td>PET 3765</td>
<td>Coaching Theory</td>
<td>3</td>
</tr>
<tr>
<td>PET 4215</td>
<td>Motivational Aspects of Athletic Performance</td>
<td>3</td>
</tr>
<tr>
<td>PET 4763</td>
<td>Coaching Methods And Principles</td>
<td>3</td>
</tr>
<tr>
<td>SPM 3204</td>
<td>Sports and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PEO 3624</td>
<td>Coaching Basketball or</td>
<td>3</td>
</tr>
<tr>
<td>PEO 3644</td>
<td>Coaching Football or</td>
<td>3</td>
</tr>
<tr>
<td>PEO 3324</td>
<td>Coaching Volleyball</td>
<td>3</td>
</tr>
</tbody>
</table>

**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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PSB 3002</td>
<td>Physiological Psychology or</td>
<td>3</td>
</tr>
<tr>
<td>PSB 4240C</td>
<td>Neuropsychology or</td>
<td>4</td>
</tr>
<tr>
<td>ZOO 3744</td>
<td>Neurobiology or</td>
<td>3</td>
</tr>
</tbody>
</table>

**Philosophy**
(3 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 3320</td>
<td>Philosophy of Mind or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3323</td>
<td>Minds and Machines: Philosophy of Cognitive Science</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3451</td>
<td>Philosophy of Psychology or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4341</td>
<td>Ways of Knowing or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4400</td>
<td>Philosophy of Science or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4935</td>
<td>Topics in Philosophy of Mind or</td>
<td>3</td>
</tr>
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</table>

**Psychology**
(3 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXP 3204C</td>
<td>Perception or</td>
<td>4</td>
</tr>
<tr>
<td>EXP 3604C</td>
<td>Cognitive Psychology or</td>
<td>4</td>
</tr>
<tr>
<td>EXP 4507C</td>
<td>Advanced Human Memory and Cognition or</td>
<td>3</td>
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**Computer Science and Information Technology**
(3 hrs)

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<th>Course Title</th>
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<tbody>
<tr>
<td>CAP 4453</td>
<td>Robot Vision or</td>
<td>3</td>
</tr>
<tr>
<td>CAP 4630</td>
<td>Artificial Intelligence or</td>
<td>3</td>
</tr>
<tr>
<td>EEL 3531</td>
<td>Information Theory or</td>
<td>3</td>
</tr>
<tr>
<td>EEL 3552C</td>
<td>Analog and Digital Communication Fundamentals or</td>
<td>4</td>
</tr>
</tbody>
</table>

**Language and Linguistics**
(3 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 or</td>
<td>3</td>
</tr>
<tr>
<td>LIN 3010</td>
<td>Principles of Linguistics or</td>
<td>3</td>
</tr>
<tr>
<td>LIN 3716</td>
<td>Language Development or</td>
<td>3</td>
</tr>
<tr>
<td>LIN 3717</td>
<td>Language Development: 9 - 18 Years or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4221</td>
<td>Philosophy of Language or</td>
<td>3</td>
</tr>
<tr>
<td>EXP 3640</td>
<td>Psychology of Language or</td>
<td>3</td>
</tr>
</tbody>
</table>

**Restricted Electives**
(6 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 3541</td>
<td>Biobehavioral Anthropology or</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3550C</td>
<td>Primatology or</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3610</td>
<td>Language and Culture or</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4586C</td>
<td>Human Origins or</td>
<td>3</td>
</tr>
<tr>
<td>CAP 4630</td>
<td>Artificial Intelligence or</td>
<td>3</td>
</tr>
<tr>
<td>CAP 5015</td>
<td>Multimedia Compression on the Internet or</td>
<td>3</td>
</tr>
<tr>
<td>CAP 5415</td>
<td>Computer Vision or</td>
<td>3</td>
</tr>
<tr>
<td>CAP 5512</td>
<td>Evolutionary Computation or</td>
<td>3</td>
</tr>
<tr>
<td>COP 4520</td>
<td>Concepts of Parallel and Distributed Processing or</td>
<td>3</td>
</tr>
<tr>
<td>EXP 3204C</td>
<td>Perception or</td>
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</tr>
<tr>
<td>LIN 4711</td>
<td>Language Analysis or</td>
<td>3</td>
</tr>
<tr>
<td>LIN 4711L</td>
<td>Language Analysis Lab or</td>
<td>1</td>
</tr>
<tr>
<td>MAP 4103</td>
<td>Mathematical Modeling I or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2101</td>
<td>Formal Logic I or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2108</td>
<td>Critical Thinking or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3626</td>
<td>Advanced Ethics in Science and Technology or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4321</td>
<td>Philosophies of Embodiment: Mind/Body/Self or</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4500</td>
<td>Metaphysics or</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4025</td>
<td>The Psychology of Art or</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3213C</td>
<td>Research Methods in Psychology or</td>
<td>5</td>
</tr>
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</table>

**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>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 3471</td>
<td>Communication Disorders in Literature and Media</td>
<td>3</td>
</tr>
<tr>
<td>SPA 3112</td>
<td>Basic Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>SPA 3112L</td>
<td>Basic Phonetics Lab</td>
<td>1</td>
</tr>
<tr>
<td>1 LIN 3716</td>
<td>Language Development</td>
<td>3</td>
</tr>
<tr>
<td>1 LIN 3716L</td>
<td>Language Development Lab</td>
<td>2</td>
</tr>
<tr>
<td>SPA 3101</td>
<td>Physiological Bases of Speech and Hearing</td>
<td>3</td>
</tr>
<tr>
<td>SPA 4032</td>
<td>Audiology</td>
<td>3</td>
</tr>
<tr>
<td>SPA 4400</td>
<td>Language Disorders Across the Life Span</td>
<td>3</td>
</tr>
<tr>
<td>SPA 4476</td>
<td>Speech Disorders Across the Lifespan</td>
<td>3</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 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.

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>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 3223</td>
<td>Introduction to Programming with C</td>
<td>3</td>
</tr>
<tr>
<td>COP 3330</td>
<td>Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>COP 3502C</td>
<td>Computer Science I</td>
<td>3</td>
</tr>
<tr>
<td>COP 3503C</td>
<td>Computer Science II</td>
<td>3</td>
</tr>
<tr>
<td>CDA 3103</td>
<td>Computer Logic and Organization</td>
<td>3</td>
</tr>
<tr>
<td>Select 1:</td>
<td>Introduction to Discrete Structures or MAD 3106C</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Foundations of Discrete Math</td>
<td>3</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 3 hrs

Required: Complete one of the following: (3 hrs)
- SYG 2000 Introduction to Sociology
- SYG 2010 Social Problems 3 hrs

Restricted Electives (12 hrs)
- Select from the following:
  - SYP 3510 Sociology of Deviant Behavior 3 hrs
  - SYP 3511 Sociology of Murder 3 hrs
  - SYP 3530 Juvenile Delinquency 3 hrs
  - SYP 3540 Sociology of Law 3 hrs
  - SYP 3562 Patterns of Domestic Violence in Society 3 hrs
  - SYP 4514 Patterns of Violence in Society 3 hrs
  - SYP 4521 Crime Victims in Society 3 hrs
  - SYP 4536 Gangs and Society 3 hrs

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 3 hrs
- DAN 3612 Dance Improvisation/Composition I 3 hrs
- DAA 2200C Ballet I 2 hrs
- DAA 3684 Dance Performance 1 hr

Restricted Electives (7 hrs)
- Select 2:
  - DAA 2570C Jazz Dance I 2 hrs
  - DAA 2571C Jazz Dance II 2 hrs
  - DAA 2520C Tap Dance I 2 hrs
  - DAA 2521C Tap Dance II 2 hrs
  - DAA 3524C Tap Dance III 2 hrs
  - DAA 2201C Ballet II 2 hrs
  - DAA 3208C Ballet III 2 hrs
  - DAA 2101C Modern Dance II 2 hrs
  - DAA 2303C World Dance 2 hrs
  - DAA 3645 Choreography Practicum 2 hrs
  - DAA 3684 Dance Performance 1 hr
  - TPA 2290L Theatre Participation-Production I 1 hr

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

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

Email: english@ucf.edu
Dr. Mark Kamrath
Phone: 407-823-5596

Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- PHI 3626 Advanced Ethics in Science and Technology and Applied Skills 6 hrs
- DIG 3024 Digital Cultures & Narrative or 3 hrs
- DIG 3043 Evolution of Video Games or 3 hrs
- DIG 3134 Media Software Design or 3 hrs
- DIG 3480C Computer as a Medium or 3 hrs
- DIG 3525 Digital Media Production I or 3 hrs
- DIG 3583 Information Management and Entrepreneurship or 3 hrs
- DIG 3716C Internet Interaction or 3 hrs
- DIG 3811 User-Centered Design or 3 hrs
- DIG 4830C Media Business Practices or 3 hrs
- DIG 4713 Game Design or 3 hrs
- FIL 4040 Animation Film History for Non Film Majors or 3 hrs

Restricted Electives (6 hrs)
- Select two from the following:
  - DIG 3003 Adventures in Emerging Media
  - DIG 3024 Digital Cultures & Narrative
  - DIG 3043 Evolution of Video Games
  - DIG 3134 Media Software Design
  - DIG 3480C Computer as a Medium
  - DIG 3525 Digital Media Production I
  - DIG 3583 Information Management and Entrepreneurship
  - DIG 3716C Internet Interaction
  - DIG 3811 User-Centered Design
  - DIG 4830C Media Business Practices
  - DIG 4713 Game Design
  - FIL 4040 Animation Film History for Non Film Majors

Foreign Language Requirements
- 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.

Diplomacy - Minor
College of Arts and Humanities
Department of Political Science,
Phillips Hall, Room: 302
http://politicalscience.cos.ucf.edu

Department of History, Colbourn Hall, Room: 551
http://history.cah.ucf.edu/

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses
- None

Required Courses (12 hrs)
- DIG 2000 Introduction to Digital Media or 3 hrs
- DIG 2030C Digital Video Fundamentals or 3 hrs
- DIG 2109C Digital Imaging Fundamentals or 3 hrs
- DIG 2500C Fundamentals of Interactive Design or 3 hrs

Restricted Electives (6 hrs)
- Select two courses:
  - Or - any 3000 or 4000 level courses approved by the School of Visual Arts and Design.

Foreign Language Requirements
- 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.

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.

Required Courses (9 hrs)
- AMH 4513 United States as a Great Power: 3 hrs
- INR 4030 Diplomacy: 3 hrs
- INR 4102 American Foreign Policy: 3 hrs

Restricted Electives (9 hrs)
- Select from the following:
  - AMH 4512 US Diplomatic History: 1914-1945: 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 4574 History of Russia: 1801-1917: 3 hrs
  - EUH 4576 History of Russia in the 20th Century: 3 hrs
  - EUH 4620 European Great Powers: 1815-1914: 3 hrs
  - EUH 4663 History of Communism in Europe: 3 hrs
  - INR 4054 Global Politics of Energy: 3 hrs
  - INR 4074 Immigration Policy: 3 hrs
  - INR 4075 Human Rights Policy: 3 hrs
  - INR 4076 Global Drug Policy: 3 hrs
  - INR 4104 Topics and Cases in American Foreign Policy: 3 hrs
  - INR 4114 American Security Policy: 3 hrs
  - INR 4351 International Environmental Law: 3 hrs
  - INR 4401 International Law: 3 hrs
  - INR 4502 International Organizations: 3 hrs
  - INR 4603 International Relations Theory: 3 hrs
  - INR 4714 Politics of International Trade Policy: 3 hrs
  - POT 4314 Contemporary Democratic Theory: 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, 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.

Required Courses (6 hrs)
- SYO 3530 Social Power and Inequality: 3 hrs

Required: Complete one of the following: (3 hrs)
- SYG 2000 Introduction to Sociology or
- SYG 2010 Social Problems

Restricted Electives (12 hrs)
- Select from the following:
  - SYO 3410 Urban Society: 3 hrs
  - SYO 3700 Race and Ethnicity: 3 hrs
  - SYO 3800 Sex and Gender in Society: 3 hrs
  - SYO 4100 Family Trends: 3 hrs
  - SYO 4200 Religion in Society: 3 hrs
  - SYO 4810 Women in Contemporary Society: 3 hrs
  - SYO 4813 Women, Law and Social Change: 3 hrs
  - SYP 4454 Global Inequality and Society: 3 hrs
  - SYP 4732 Minority Aging: 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.

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

Required Courses (15 hrs)

EEC 4661 Early Childhood Education Theory and Practice 3 hrs
RED 3310 Early Reading, Writing and Language Arts 3 hrs
ECC 4694 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)

Select 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, mcaputo@bus.ucf.edu
David Scrogin, 407-823-4129
Nora Underwood, BA2 302N, 407-823-1403
Phone: 407-823-3266

Economics - Minor

College of Business Administration

Department of Economics, Business Administration II, Room: 305

http://www.bus.ucf.edu/economics

Michael Caputo, mcaputo@bus.ucf.edu
David Scrogin, 407-823-4129
Nora Underwood, BA2 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

Required Courses (9 hrs)

ECO 2013 Principles of Macroeconomics 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select 1:

ECO 2013 Principles of Macroeconomics 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select 2:

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 3204 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.

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

Required Courses (9 hrs)

ECO 2013 Principles of Macroeconomics 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select 1:

ECO 2013 Principles of Macroeconomics 3 hrs
ECO 2023 Principles of Microeconomics 3 hrs

Select 2:

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 3204 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.
Minors

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.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.

Education - Minor
College of Education and Human Performance
School of Teaching, Learning, and Leadership,
Education Building, Room: 220B
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 (15 hrs)
- 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 (3 hrs)
- 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

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/bs@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 (15 hrs)
- 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 (3 hrs)
- Select one
  - DSC 4012 Terrorism or 3 hrs
  - DSC 4013 Homeland Security and Criminal Justice 3 hrs

Foreign Language Requirements
- None

Total Semester Hours Required
- 18

Minors
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
- 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 or
- EML 4411 Mechanical Power Systems or
- EML 4454 Turbines for Sustainable Power or
- EML 4600 HVAC Systems Engineering or
- EML 4602 Applied HVAC Engineering

Water, Environment and Waste Management
- ENV 3001 Introduction to Environmental Engineering or
- ENV 4120 Air Pollution Control or
- ENV 4341 Solid & Hazardous Waste Management or
- ENV 4561 Environmental Engineering Operations & Processes II

Business and Public Policy
- ECP 3302 Economics and the Environment or
- ECP 4303 Environmental and Natural Resource Management or
- ECP 4331 Environmental Issues for Real Estate

Social and Ethical Dimensions
- INR 4350 Global Environmental Politics or
- INR 4351 International Environmental Law or
- PAD 4351 Issues in Environmental Program Management or
- PHI 3640 Environmental Ethics or
- PHI 3640 Environmental Ethics or

Restricted Electives (6 hrs)
- None

Pick one of the following (3 hrs)
- MAR 3391 Professional Selling or
- GEB 4152 Tech Innovation & Entrepreneurship

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
- 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
- GEB 4152 Tech Innovation & Entrepreneurship

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.
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 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 4724 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 6806C 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
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
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 (18 hrs)
- ENC 4215  Technical Publication and Project Management  3 hrs
- ENC 4218  The Visual in Technical Documentation  3 hrs
- ENC 4294  Documentation and Client-Based Collaboration  3 hrs
- ENC 4280  Technical Writing Style  3 hrs
- ENC 3241  Writing for the Technical Professional  3 hrs
- 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.

Entrepreneurship - Minor
College of Business Administration
Department of Management,
Business Administration I, Room: 309
http://www.cei.ucf.edu
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)
- GEB 3113  Creativity and Entrepreneurship  3 hrs
- GEB 4110  Business Plan Preparation  3 hrs
- GEB 4111  New Venture Finance  3 hrs
- GEB 4435  Moral Foundations of Business  3 hrs
- MAR 3765  Entrepreneurial Marketing  3 hrs
- 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
- Students completing the minor may intern with a Central Florida corporation

English Language Arts Education - Minor
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
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)
- EDG 4410  Teaching Strategies and Classroom Management  3 hrs
- EDF 4467  Learning Theory and Assessment  3 hrs
- A C- or better is required in these courses

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

NEW VENTURE FUNDING
GEB 4431  Innovation and startups  3 hrs
Minors

Environmental 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 Environmental Studies minor is an interdisciplinary program that prepares students for a diverse set of academic endeavors and careers. It delivers the tradition of a liberal arts education with the rigor of the natural and social sciences, providing the introspection and artistic presentation of the humanities with the inquisitiveness that we share concerning our environment.

Minor Admission Requirements
• None

Minor 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
IDS 3190 Foundations of Environmental Studies (3 hrs)

Restricted Electives
Science & Environmental Electives (9 hrs)
BOT 3152C Local Flora 3 hrs
BOT 3802 Ethnobotany 3 hrs
BOT 4303C Plant Kingdom 5 hrs
BOT 4713C Plant Taxonomy 5 hrs
BSC 4312C Advanced Marine Biology 4 hrs
OCE 3008 Oceanography 3 hrs
PCB 3044 Principles of Ecology 3 hrs
PCB 3442 Aquatic Ecology 3 hrs
PCB 4683 Evolutionary Biology 4 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
PUR 3203 Environmental Politics 3 hrs
PUR 4503 Government and Science 3 hrs
PAD 4351 Issues in Environmental Program Management 3 hrs
PAD 3330 Urban and Regional Planning 3 hrs
PUR 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

Required Courses (3 hrs)
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 3 hrs

1 Only one of these two courses may be used to fulfill these restricted electives

Foreign Language Requirements
• None

Total Semester Hours Required
• 21

Other Requirements
• A grade of “C” or above (2.0) is required in each course used to satisfy the minor.
• 18 hours must be taken at the upper division.
• 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 require prior approval from 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.

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 counting towards the minor.
• A maximum of 6 hours of Study Abroad credit in equivalent courses can be used, with no more than 3 credits in one area.
• At least 18 hours used in the minor must be taken at UCF.
• At least 15 credits used in the minor must be upper division.
• No more than 6 credit hours (separate from the foreign language requirement) may be used toward the European Studies minor and also used toward any other major or minor.

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:

Select from the following courses: 3 hrs

- Note: Courses offered by the Modern Languages Department might be offered in a language other than English.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENL 2022</td>
<td>English Literature II or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENL 4101</td>
<td>English Novel or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENL 4240</td>
<td>English Romantic Writers or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENL 4262</td>
<td>Nineteenth Century British Prose or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENL 4273</td>
<td>Modern British Literature or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3820</td>
<td>Italian Film or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3822</td>
<td>French Film or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3823</td>
<td>German Film or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3824</td>
<td>Italian Neo-Realist Cinema or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FRE 4500</td>
<td>French Civilization and Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FIL 3820</td>
<td>French Contemporary Pop Culture or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FRW 3370</td>
<td>Short Stories of 18th, 19th and 20th Centuries</td>
<td>3 hrs</td>
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<tr>
<td>FRW 4281</td>
<td>20th Century French Novels or</td>
<td>3 hrs</td>
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<tr>
<td>FRW 4324</td>
<td>20th Century French Drama or</td>
<td>3 hrs</td>
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<tr>
<td>FRW 4532</td>
<td>French Romanticism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FRW 4552</td>
<td>Nineteenth Century French Literature or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GER 3102</td>
<td>Germany - Past to Present or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GER 4520</td>
<td>Modern Germany or</td>
<td>3 hrs</td>
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<tr>
<td>GEW 3101</td>
<td>Survey of German Literature II or</td>
<td>3 hrs</td>
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<tr>
<td>GEW 3370</td>
<td>Short Story or</td>
<td>3 hrs</td>
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<tr>
<td>GEW 3480</td>
<td>German Post-War Literature or</td>
<td>3 hrs</td>
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<tr>
<td>GEW 4482</td>
<td>German Children’s Literature or</td>
<td>3 hrs</td>
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<tr>
<td>GEW 4531</td>
<td>The Age of Goethe and Schiller or</td>
<td>3 hrs</td>
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<tr>
<td>ITT 4956</td>
<td>Study Abroad: Modern and Contemporary Italian</td>
<td>3 hrs</td>
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<tr>
<td>Culture or</td>
<td>ITW 3101  Survey of Italian Literature II or</td>
<td>3 hrs</td>
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<tr>
<td>JST 3751</td>
<td>Literature of the Holocaust or</td>
<td>3 hrs</td>
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<tr>
<td>LIT 4148</td>
<td>Irish Literature or</td>
<td>3 hrs</td>
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<tr>
<td>SPW 3101</td>
<td>Survey of Spanish Literature II or</td>
<td>3 hrs</td>
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<tr>
<td>SPW 3370</td>
<td>Spanish Short Story or</td>
<td>3 hrs</td>
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<tr>
<td>SPW 4272</td>
<td>20th Century Spanish Novel or</td>
<td>3 hrs</td>
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<tr>
<td>SPW 4322</td>
<td>Contemporary Iberian Theatre or</td>
<td>3 hrs</td>
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<tr>
<td>SPW 4450</td>
<td>Spanish Literary Theory or</td>
<td>3 hrs</td>
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<tr>
<td>SPW 4460</td>
<td>Nineteenth Century Spanish Literature or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPW 4720</td>
<td>The Generation of 1898</td>
<td>3 hrs</td>
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</table>

History:

Select from the following courses: 6 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
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<tbody>
<tr>
<td>EUH 3235</td>
<td>Romanticism and Realism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3242</td>
<td>Modern Europe and the First World War or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3281</td>
<td>Second World War and Rebirth of Europe or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3411</td>
<td>Ancient Rome or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3431</td>
<td>History of Modern Italy or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 3451</td>
<td>History of Modern France or</td>
<td>3 hrs</td>
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<tr>
<td>EUH 4284</td>
<td>Fascism and Nazism in the Interwar Europe or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4400</td>
<td>The History of Ancient Greece or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4465</td>
<td>Hitler’s Third Reich or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4501</td>
<td>English History: 1485-1815 or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4502</td>
<td>British History: 1815-Present or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4574</td>
<td>History of Russia: 1901-1917 or</td>
<td>3 hrs</td>
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<tr>
<td>EUH 4576</td>
<td>History of Russia in the 20th Century or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4582</td>
<td>20th Century Russian Diplomatic History or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4610</td>
<td>Women in European Society: From Medieval to Modern</td>
<td>3 hrs</td>
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<tr>
<td>EUH 4620</td>
<td>European Great Powers: 1815-1914 or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EUH 4663</td>
<td>History of Communism in Europe or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GER 4510</td>
<td>Life and Culture in Nazi Germany or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>JST 3701</td>
<td>History of the Holocaust</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Political Science or Economics:

Select from the following courses: 3 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 3104</td>
<td>Politics of Western Europe or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CPO 3614</td>
<td>Politics of Eastern Europe or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CPO 4074</td>
<td>Political Economy or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CPO 4123</td>
<td>Government and Politics of Great Britain or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CPO 4445</td>
<td>Comparative Political Parties or</td>
<td>3 hrs</td>
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<tr>
<td>CPO 4643</td>
<td>Government and Politics of Russia or</td>
<td>3 hrs</td>
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<tr>
<td>CPO 4754</td>
<td>Comparative Political Institutions or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 3703</td>
<td>International Microeconomics or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 4303</td>
<td>History of Economic Thought or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4035</td>
<td>International Political Economy or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Other areas:

- may be taken from any of the above electives; Foreign Language Across the Curriculum (FLAC) courses linked to any of the above electives, or one of the following:

Select from the following courses: 3 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4430</td>
<td>19th Century Art or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ARH 4450</td>
<td>20th Century Art or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHH 3041</td>
<td>Russian Philosophy or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHH 3510</td>
<td>Marx and Nietzsche or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHP 3783</td>
<td>Modernity as a Philosophical Problem or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHP 3786</td>
<td>Existentialism or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHP 4782</td>
<td>Phenomenology</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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

Other Requirements

- No credit by exam (military credit, TSD) may be used toward the minor.

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 (12 hrs)

1 HFT 2750 The Event Industry 3 hrs
HFT 3373 Event Design, Production & Technology 3 hrs
HFT 3512 Event Promotion 3 hrs
HFT 3670 Hospitality and Event Risk Management 3 hrs

1 HFT 2750 is the prerequisite course for all upper level Event Management courses.

Restricted Electives (6 hrs)

Select 2:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 3519</td>
<td>Event Services or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3523</td>
<td>Event Sales or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3741</td>
<td>Meeting Management or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3798</td>
<td>Fairs and Festivals or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4795</td>
<td>Entertainment Arts and Events or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4796</td>
<td>International Events or</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

1 Prerequisite is HFT 3519.

Foreign Language Requirements

- None
Minors

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

Total Semester Hours Required
■ 18

Other Requirements
■ A minimum GPA of 2.5 in all courses used to satisfy the minor.
■ At least 12 credit hours used in the minor must be earned at UCF within the Rosen College.
■ No credit by exam (TSD, Military credit) may be used in the minor.
■ Final Exam will be given during Final Exam week only.
■ No substitutions are allowed for any of the required minor courses.

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: 3 hrs
FIL 1007 Foundations of Story or 3 hrs
FIL 1000 Cinema Survey 3 hrs

Restricted Electives (6 hrs)
■ Choose Two
FIL 3890C 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
AGC 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
Select 3: 9 hrs
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 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 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, PattyLanier@ucf.edu, 407-823-0623

The Fitness Training minor is for the 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 4550C 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 3361 Nutrition and Metabolism in Sport and Exercise Science 3 hrs

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

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
PET 3125 Fitness and Weight Management or 3 hrs
PET 3768 Group Exercise Instruction or 3 hrs
PET 4215 Motivational Aspects of Athletic Performance or 3 hrs
PET 4552 Exercise Prescription for Special Populations 3 hrs

Restricted Electives
Select 2: 6 hrs
PET 3361 Nutrition and Metabolism in Sport and Exercise Science 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
PET 3125 Fitness and Weight Management or 3 hrs
PET 3768 Group Exercise Instruction or 3 hrs
PET 4215 Motivational Aspects of Athletic Performance 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
PET 3125 Fitness and Weight Management or 3 hrs
PET 3768 Group Exercise Instruction or 3 hrs
PET 4215 Motivational Aspects of Athletic Performance 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
PET 3125 Fitness and Weight Management or 3 hrs
PET 3768 Group Exercise Instruction or 3 hrs
PET 4215 Motivational Aspects of Athletic Performance 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AML 4261</td>
<td>Literature of the South</td>
<td>3 hrs</td>
</tr>
<tr>
<td>AML 4265</td>
<td>Florida Writers</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3158</td>
<td>Florida Archaeology</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3393</td>
<td>American Indian Literature and Culture in Florida</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3398</td>
<td>Black/Seminole Relations</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4303</td>
<td>Anthropology of Tourism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LAH 4136</td>
<td>Colonial Florida</td>
<td>3 hrs</td>
</tr>
<tr>
<td>POS 3173</td>
<td>Southern Politics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>POS 3182</td>
<td>Florida Politics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Foreign Language Requirements
- None

### Total Semester Hours Required
- 18

---

### French - 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**

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

---

### Global Peace and Security Studies - Minor

**College of Sciences**

**Department of Political Science, Phillips Hall, Room: 302**

**http://politicalscience.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 4656C 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
1 HSC 3211 Preventive Health Care 3 hrs

Restricted Electives (9 hrs)
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 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 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
HSC 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)
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 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.
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 (15 hrs)
■ None

Restricted Upper Division Electives 15 hrs
■ None

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.
■ 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)
■ None

Take all of the following:
■ HFT 2220 Hospitality Human Resources Management 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

Select 2: 6 hrs
■ HFT 3700 Tourism Management or 3 hrs
■ HFT 3263 Restaurant Management or 3 hrs
■ HFT 4755 Theme Park and Attraction Management or 3 hrs
■ FSS 2221C Techniques of Food Preparation or 4 hrs
■ HFT 2254 Lodging Operations or 3 hrs
■ HFT 4277 Yacht, Country, And City Club Management 3 hrs

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ No credit by exam (TSD, Military credit) may be used in the minor.
■ 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.
■ 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 3120 Health Communication 3 hrs
■ COM 3320 Business and Professional Communication 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 3345 Leadership Through Oral Communication 3 hrs
■ SPC 3513C 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
Minors

Foreign Language Requirements
- None

Total Semester Hours Required
- 21

Other Requirements
- A minimum average GPA of 2.0 is required in 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 Nicholson School of Communication.
- No credit by exam (TSD, Military credit) may be used.
- Internship, co-op, or independent study credit cannot be used toward the minor.

Humanities and Cultural Studies - Minor

College of Arts and Humanities
Department of Philosophy, Psychology Building, Room: 220
http://philosophy.cah.ucf.edu/
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

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
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)
Select 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
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 4660  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 characteristics impact that state’s political processes. Immigration, technological advancements and internationalization of foreign policy make global studies a complementary approach to international studies.

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 3103 Comparative Politics or 3 hrs
- CPO 4062 Comparative Judicial Process or 3 hrs
- CPO 4074 Political Economy or 3 hrs
- CPO 4075 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 3 hrs
- 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, rswoe@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.
- 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.
- 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.

International Engineering - Minor
College of Engineering and Computer Science
Engineering, Room: 107
http://www.cecs.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 Intericultural 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 4843 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:

- A maximum of seven hours of the above listed required Internship, Independent Study, or Directed Research credit cannot be used.
- No credit by exam (TSD, Military credit) may be used.
- 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.
Option 1) Students will complete three hours of coursework in society/culture international relations, or global economics related to the country/region where the student is having his/her study abroad experience. It is recommended that this course be completed at the foreign institution if available.

Option 2) If such a course cannot be found, then the minor coordinator will select a course to take in its place at UCF that will achieve similar results.

Study Abroad Experience 9 hrs

The study abroad experience represents the most important aspect of this minor. To satisfy this requirement, students complete 9 hours of technical coursework (classroom studies) in residence at a partner institution abroad.

Students must take coursework abroad of equivalent content and level to what they would take at UCF as part of their degree program. With the realization that courses are different in the various overseas institutions, the proposed overseas coursework must be explicitly approved by the student’s home department to ensure equivalency. Students must first consult with their home department to determine the core, required and/or elective courses they are eligible to take, and look for equivalencies of courses offered at the overseas institution during the time of their expected study abroad experience. They must then proceed to consult with the international minor coordinator before seeking departmental approval. Departmental approval must be obtained before enrolling in the overseas classes.

Restricted Electives
- None

Foreign Language Requirements
- See Language Skills Acquisition

Total Semester Hours Required
- 18

Other Requirements
- A minimum grade of “C” (2.0) or better is required in all courses toward the minor.
- Pre-requisites to the minor include completion of a minimum of 45 credit hours prior to the study abroad experience.

Italian - Minor

College of Arts and Humanities
Department of Modern Languages and Literatures, Colbourn Hall, Room: 523
http://mll.cah.ucf.edu/
Email: fifacult@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.

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.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses
JOU 3004  History of American Journalism  3 hrs
JOU 3304  Journalism Readings 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
- Internship, co-op, or independent study credit cannot be used toward the minor without school permission.
- No credit by exam (TSD, Military credit) may be used in the minor.

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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 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 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

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.

Latin American 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
SPW 3130  Survey of Latin-American Literature I  3 hrs
Minors

### Leadership Studies - Minor

**Office of Undergraduate Studies**  
**Office of Interdisciplinary Studies, Classroom I, Room: 302**  
[http://www.is.ucf.edu](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.

<table>
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<tr>
<th>Minor Admission Requirements</th>
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<th>Minor Requirements</th>
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<table>
<thead>
<tr>
<th>Prerequisite Courses</th>
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<tbody>
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<tr>
<th>Required Courses (19 hrs)</th>
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<tbody>
<tr>
<td>Foundation Requirement</td>
</tr>
<tr>
<td>LDR 2001 - Foundations of Leadership 2 hrs</td>
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<tr>
<td>LDR 2002 - Intermediate Foundations of Leadership 2 hrs</td>
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<tr>
<th>Restricted Requirements 15 hrs</th>
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<tr>
<td>Choose one course from each of the five areas:</td>
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<tr>
<td>Communication 3 hrs</td>
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<tr>
<td>COM 3011C - Communication and Human Relations or 3 hrs</td>
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<tr>
<td>COM 3120 - Organizational Communication or 3 hrs</td>
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<td>COM 4461 - Intercultural Communication or 3 hrs</td>
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### Collaboration

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<th>Social Relations and Culture 3 hrs</th>
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<tr>
<td>ANR 3541 - Biobehavioral Anthropology or 3 hrs</td>
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<td>CLP 3143 - Abnormal Psychology or 3 hrs</td>
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<tr>
<td>COM 4461 - Intercultural Communication or 3 hrs</td>
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<td>EXP 3304C - Motivation or 3 hrs</td>
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<tr>
<td>SOC 304C - Social Psychology or 3 hrs</td>
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<td>SOC 3723 - Cross Cultural Psychology or 3 hrs</td>
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<td>SOC 3742 - Psychology of Women or 3 hrs</td>
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<td>SOC 3784 - Psychology of Diversity or 3 hrs</td>
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### Politics

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<tr>
<th>Ethics 3 hrs</th>
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<tbody>
<tr>
<td>BUL 3130 - Legal and Ethical Environment of Business or 3 hrs</td>
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<tr>
<td>EDF 3601 - Professional Ethics in Education or 3 hrs</td>
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<tr>
<td>PAD 3040 - Ethics and Values in Public Administration or 3 hrs</td>
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<tr>
<td>PHI 2108 - Critical Thinking or 3 hrs</td>
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<tr>
<td>PHI 3638 - Ethical Issues in the 21st Century or 3 hrs</td>
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<tr>
<td>PHY 3640 - Environmental Ethics or 3 hrs</td>
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</tbody>
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### Legal Studies - Minor

**College of Health and Public Affairs**  
**Department of Criminal Justice and Legal Studies, Health and Public Affairs I, Room: 343**  
Email: legalstudies@ucf.edu  
Dr. David Slaughter  
Phone: 407-823-1670

<table>
<thead>
<tr>
<th>Minor Admission Requirements</th>
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<thead>
<tr>
<th>Prerequisite Courses</th>
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<tr>
<td>None</td>
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</table>

### Foreign Language Requirements

- None

### Total Semester Hours Required

- 18
Minors

Required Courses (3 hrs)
- PLA 3014: Law and the Legal System 3 hrs

Restricted Electives (18 hrs)
- Restricted Upper Division Electives 15 hrs
  - 15 Semester hours of legal studies courses selected with the aid of an advisor
- Restricted Electives 3 hrs
  - 3 semester hours of law-related courses selected with the aid of an advisor

Foreign Language Requirements
- None

Total Semester Hours Required
- 21

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.

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)
- MAR 3023: Marketing

Restricted Electives (15 hrs)
- Select four or five:
  - MAR 3203: Supply Chain and Operations Management 3 hrs
  - MAR 3323: Integrated Marketing Communication 3 hrs
  - MAR 3391: Professional Selling 3 hrs
  - MAR 3403: Sales Force Management 3 hrs
  - MAR 3503: Consumer Behavior 3 hrs
  - MAR 3613: Marketing Analysis and Research 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 4803: Marketing Management 3 hrs
  - MAR 4804: Marketing Strategy 3 hrs
  - MAR 4841: Services Marketing 3 hrs
  - MAR 4934: Contemporary Marketing Topics in Florida 3 hrs

1 Requires prerequisites in addition to MAR 3023

Restricted Non-Marketing Elective 3 hrs
- Three hours of coursework may be chosen outside of marketing from the list below. However, other courses outside Marketing will also be considered—approval by petition to the Department.

- ADY 3008: Principles of Advertising 3 hrs
- ANT 3610: Language and Culture 3 hrs
- COM 3011C: Communication and Human Relations 3 hrs
- COM 3311: Communication Research Methods 3 hrs
- COM 3120: Organizational Communication 3 hrs
- COM 3110: Business and Professional Communication 3 hrs
- ENC 3211: Theory and Practice of Technical Writing 3 hrs
- EXP 3404C: Basic Learning Processes 3 hrs
- HSA 3111: U.S. Health Care Systems 3 hrs
- PHI 3803: Philosophy and Creativity 3 hrs
- PPE 3003: Personality Theory and Research 3 hrs
- PSY 3213C: Research Methods in Psychology 5 hrs
- RTV 3007: Development and Structure of Electronic Media and New Technology 3 hrs
- SOP 3004C: Social Psychology 3 hrs
- SPC 3301: Interpersonal Communication 3 hrs
- SPC 4331: Nonverbal Communication 3 hrs
- SPC 4426: Group Dynamics 3 hrs
- STA 4102: Computer Processing of Statistical Data 3 hrs
- SYA 4300C: Research Methods 4 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.

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)
- JOU 2100C: News Reporting 3 hrs
- JOU 3510: Magazine Publishing 3 hrs
- JOU 4224: Magazine Editing and Production 3 hrs

Restricted Electives (9 hrs)
- Select from the following: 9 hrs
  - ENC 3310: Magazine Writing I or 3 hrs
  - JOU 3370: Social Media Writing for Magazines or 3 hrs
  - JOU 3301: Editing I or 3 hrs
  - JOU 4211C: Informational Graphics or 3 hrs
  - JOU 4213C: Page Design or 3 hrs
  - JOU 4303: Feature Writing or 3 hrs
  - JOU 4340C: Online Journalism I 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 without school permission.
Mass Communication - Minor
College of Sciences
Nicholson School of Communication, NSC, Room: 143
http://communication.cos.ucf.edu
Joan McCain, joan.mccain@ucf.edu
Nicholson Academic Student Services, nassc@ucf.edu
Phone: 407-823-2681

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 the minor.
- Grades below "C" (2.0) in lower level courses 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.

Prerequisite Courses
- Students must satisfy each course’s prerequisites before enrolling in the class.

Required Courses (9 hrs)
- ADV 3008 Principles of Advertising 3 hrs
- MMC 2004 Mass Media 3 hrs
- RTV 5007 Development and Structure of Electronic Media and New Technology 3 hrs

Restricted Electives (9 hrs)
Select from the following:
- ADV 4103 Radio-Television Advertising 3 hrs
- COM 3330 Computer Mediated Communication 3 hrs
- FIL 2030 History of Motion Pictures 3 hrs
- FIL 3006 Art of the Cinema 3 hrs
- JOU 3004 History of American Journalism 3 hrs
- JOU 3015 Principles of Journalism 3 hrs
- JOU 4700 Journalism Ethics 3 hrs
- MMC 3200 Mass Communication Law 3 hrs
- MMC 3420 Mass Media Research Methods 3 hrs
- MMC 3630 Social Media as Mass Communication 3 hrs
- MMC 4300 International Media 3 hrs
- MMC 4602 Contemporary Media Issues 3 hrs
- PUR 3210 Communication Approach to Corporate Social Responsibility 3 hrs
- PUR 4000 Public Relations 3 hrs
- PUR 4400 Crisis Communication 3 hrs
- RTV 3200 Production Fundamentals and Aesthetics of Electronic Media 3 hrs
- RTV 4403 Electronic Media, Technology, and Society 3 hrs
- RTV 4503 Sports Programming in Electronic Media 3 hrs
- RTV 4700 Regulation of Broadcasting 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.
- Internship, Co-op or Independent Study credit cannot be used toward the minor with prior school permission.

Mass Culture and Collective Behavior - Minor
College of Sciences
Department of Sociology,
Howard Phillips Hall, Room: 403
http://sociology.ucf.edu
Email: sociology@ucf.edu
Dr. J. Jasinski, 407-823-3744

This minor provides students with an opportunity to learn about sociological research within the institutions of religion, sports, and leisure in order to develop a working knowledge of how public opinion and contemporary social movements shape collective behavior and mass culture. The minor is especially appropriate for students majoring in Interdisciplinary Studies, the social sciences, business, or for any student seeking an enhanced understanding of socio-cultural change within modern society.

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 4000 Sociological Social Psychology 3 hrs

Required: Complete one of the following: (3 hrs)
- SYG 2000 Introduction to Sociology 3 hrs
- SYG 2010 Social Problems 3 hrs

Restricted Electives (12 hrs)
Select from the following:
- SYG 2010 Social Problems 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.

Mathematical Biology - Minor
College of Sciences
Department of Mathematics
Math and Physics, Room: 207
http://math.ucf.edu
Dr. Constance Schober, MAP 312, Constanse.Schober@ucf.edu, 407-823-0147

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.
  
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010C Biology I</td>
<td>4 hrs</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>
</tbody>
</table>

Required Courses (11 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 2302 Ordinary Differential Equations I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAS 3105 Matrix and Linear Algebra</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAP 4484 Mathematical Biology I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAP 4494 Mathematical Biology II</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives (5 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)
- 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

You may select either course if desired, but not both.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAS 3105 Matrix and Linear Algebra</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAS 3106 Linear Algebra</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

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

- 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.

Minor Requirements

- A grade of “C” (2.0) or better is required in all courses used to satisfy the minor.
- At least 6 hours used in the minor must be earned at UCF within the Department of Mathematics.
- A minimum of 6 hours used to satisfy the Math Minor must be unique and not be used to satisfy the requirements of a major.

Prerequisite Courses

- Students must satisfy each course’s prerequisites before enrolling in the class.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311C Calculus with Analytic Geometry I</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

Required Courses (11 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 2302 Ordinary Differential Equations I</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAP 2303 Ordinary Differential Equations II</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives (5 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)
- 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

You may select either course if desired, but not both.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAS 3105 Matrix and Linear Algebra</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAS 3106 Linear Algebra</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

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

- 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.

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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS 4410 Teaching Strategies and Classroom Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 4467 Learning Theory and Assessment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TSL 4080 Theory and Practice of Teaching ESOL</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>MAE 4360 Mathematics Instructional Analysis</td>
<td>4 hrs</td>
</tr>
<tr>
<td>MAE 4634 Programs in Teaching of Mathematics</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives

- None

Foreign Language Requirements

- None
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.
  - ANT 2000 General Anthropology 3 hrs

Required Courses (12 hrs)
- Complete all of the following:
  - 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.

Medical Sociology - Minor
College of Sciences
Department of Sociology, Howard Phillips Hall, Room: 403
http://sociology.cos.ucf.edu
Dr. J. Jasinski, sociology@ucf.edu, 407-823-3744

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 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: 3 hrs
- SYG 2000 Introduction to Sociology 3 hrs
- SYG 2010 Social Problems 3 hrs

Restricted Electives (12 hrs)
- Select from the following:
  - SYO 3408 Animals and Health 3 hrs
  - SYO 3541 Patterns of Mental Health in Society 3 hrs
  - SYO 4550 Patterns of Drug Abuse in Society 3 hrs
  - SYO 4700 Patterns of Aging in Society 3 hrs
  - SYD 4020 Birth, Death, and Population Trends 3 hrs
  - SYP 3551 Patterns of Alcoholism in Society 3 hrs
  - SYP 4401 Social Determinants of Health 3 hrs
  - SYP 4402 Sociology of Health and Illness Behavior 3 hrs
  - SYP 4730 Patterns of Aging in Society 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

Minor Requirements
■ None

Prerequisite Courses
■ Students are responsible for meeting any prerequisites for the courses in the minor.

Required Courses (6 hrs)
■ Select two courses from the following:
  HUM 3435 Medieval Humanities 3 hrs
  EUH 3122 Medieval Society and Civilization 3 hrs
  1 ENL 4311 Chaucer 3 hrs
  1 ENL 4341 Milton and His Age 3 hrs
  1 ENL 4333 Shakespeare Studies 3 hrs

1 Only one of these three courses will count towards required courses

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 4112 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 3 hrs
EUH 3124 The 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

Minor Requirements
■ None

Prerequisite Courses
■ 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 1120, 1121) and/or Hebrew (HBR 1120, 1121)
■ ENL 4333 Shakespeare Studies 3 hrs
■ ASH 4200 Intermediate Arabic Language and Civilization I 3 hrs
■ ASH 3222 Islam and Its Empires 3 hrs
■ ASH 5227 The Arab-Israeli Conflict 3 hrs
■ CPO 4710 Women in Comparative Politics 3 hrs
■ HBR 2200 Intermediate Modern Hebrew I 3 hrs
■ REL 3320 Moses, Jesus and Muhammad 3 hrs
■ JST 3401 Jewish People in Antiquity 3 hrs
■ JST 3402 Wanderings: The Jewish People in Dispersion 3 hrs
■ CPO 3403 Politics of the Middle East 3 hrs
■ ASH 3223 The Modern Middle East 3 hrs
■ ASH 3223 The Modern Middle East 3 hrs
■ ASH 3223 The Modern Middle East 3 hrs
■ ASH 3223 The Modern Middle East 3 hrs

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 (3 hrs)
Select one of the following 3 hrs
- AMH 3541 U. S. Military History To 1900 3 hrs
- AMH 3547 U.S. Military History Since 1900 3 hrs

Foreign Language Requirements

- None

Total Semester Hours Required
- 19

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.
- Internship credit can be used toward the minor.

Music - Minor

College of Arts and Humanities
Department of Music, Performing Arts Center - Music
Room: M203
Visit music.cah.ucf.edu/

Kirk Gay, kirk.gay@ucf.edu, 407-823-5968

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (10 hrs)
- MUT 1004 Fundamentals of Music I 3 hrs
- MUT 1121 Music Theory and Musicianship I 4 hrs

Select 1: 3 hrs
- MUL 2010 Enjoyment of Music or 3 hrs
- MUL 2016 Evolution of Jazz or 3 hrs
- MUL 2720 Music of the World or 3 hrs
- MULH 2017 Survey of Rock Music or 3 hrs
- MULH 2019 American Popular Music, 1840s-present 3 hrs

Restricted Electives (9 hrs)

- Restricted electives must be taken from the Department of Music at UCF and must include 3 hours minimum at the 3000 or 4000 level. Secondary lessons can be used for electives contingent on a successful audition and approval of the department chair.

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.
- Grades below “C” (2.0) are not accepted.
- At least 9 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.

Nonprofit Management/National Certification in Nonprofit Management - Minor

College of Health and Public Affairs
School of Public Administration, Health and Public Affairs II, 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

1 One credit hour course repeated three semesters.
2 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
   4. PAD 4131 Public Sector Project Management or 3 hrs
   5. PAD 4204 Fiscal Management or 3 hrs
   6. PAD 5860 Grant and Contract Management or 3 hrs
   7. SOW 3401 Social Work Research or 3 hrs
   8. PAD 4153 Planning and Improvement for Public Organizations or 3 hrs
   9. PAD 4325 Program Evaluation for Public and Nonprofit Organizations or 3 hrs

Select 2: 3 hrs
   1. MAN 3301 Management of Human Resources or 3 hrs
   2. MAN 4101 Human Relations in Management or 3 hrs
   3. MAN 4320 Human Resources Recruitment and Selection or 3 hrs
   4. PAD 4414 Human Resource Administration or 3 hrs
   5. PAD 4148 Volunteer Management or 3 hrs
   6. SOW 3284 Social Work Perspectives on Social Justice or 3 hrs
   7. SOW 3104 Assessing I: Human Development or 3 hrs

- 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 9 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.
Minor in North American Indian Studies

**Minor Requirements**

- **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)

- **Required Courses (15 hrs)**
  - Choose one of the following courses: (3 hrs)
    - AMH 2020 U.S. History: 1877-Present
    - AMH 2010 U.S. History: 1492-1877
    - AMH 3580 North American Archaeology
  - Choose one of the following courses: (3 hrs)
    - AMH 3441 History of the Frontier: Eastern America
    - AML 3643 Contemporary Native American Prose and Poetry
    - CPO 4794 Indigenous Politics and the Environment
    - POS 3076 American Indian Politics

- **Restricted Electives (6 hrs)**
  - Choose at least 3 courses from the following:
    - AMH 2020 U.S. History: 1877-Present (3 hrs)
    - AMH 2010 U.S. History: 1492-1877 (3 hrs)
    - AMH 3580 North American Archaeology (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)

- **Foreign Language Requirements**
  - None

**North American Indian Studies - Minor**

**College of Arts and Humanities**

**Department of Music**

**Performing Arts Administration - Minor**

**Required Courses (12 hrs)**

- **ANT 3522 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/Seminole 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)

**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.

**Performing Arts Center, Room: M203**


Kirk Gay, kirk.gay@ucf.edu

Phone: 407-823-5968

Music & Theatre majors or other majors with experience/passion for the performing arts, admitted by an interview/portfolio review.

**Minor Admission Requirements (6 hrs)**

- Take one of the following courses: (3 hrs)
  - MUL 2010 Enjoyment of Music or
  - MUL 2014 Introduction to Music History and Literature

- Take one of the following courses: (3 hrs)
  - THE 2000 Theatre Survey or
  - THE 2520 Survey of Theatre for Majors

**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.

- **ACG 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)
**Internship**
- THE 4941 Internship 3 hrs
- 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

**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

**Management**
- 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.
- 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**
- Required Courses (15 hrs)
  - Select one course from each of the following groups:
    - Reasoning
      - 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
      - PHI 3000 Contemporary Philosophy 3 hrs
      - PHI 3200 Medieval Philosophy or 3 hrs
      - PHI 3400 Modern Western Philosophy or 3 hrs
      - PHI 3100 Ancient Philosophy or 3 hrs
    - Values and Society
      - PHI 3450 Environmental Ethics 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
      - PHI 3100 Freedom and Justice or 3 hrs
      - PHI 3640 Environmental Ethics or 3 hrs
      - PHI 4031 Environmental Philosophy or 3 hrs
      - PHI 3701 Native American Philosophy or 3 hrs
      - PHI 3805 Contemporary Aesthetics or 3 hrs
    - Select one course from the following groups:
      - PHI 4500 Metaphysics or 3 hrs
      - PHI 4341 Ways of Knowing or 3 hrs
      - PHI 4300 Theories of Knowledge or 3 hrs
      - PHI 3701 Philosophy of Religion or 3 hrs
      - PHI 3400 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 3 hrs
    - Select one course in the following areas:
      - 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 3763 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 3786 Existentialism or 3 hrs
      - PHI 4933 Key Concepts in Philosophy or 3 hrs
      - PHI 4931 Key Figures in Philosophy 3 hrs
    - Select one course in the following areas:
      - PHI 3320 Philosophy of Mind or 3 hrs
      - PHI 3400 Philosophy of Science or 3 hrs
      - PHI 3323 Minds and Machines: Philosophy of Cognitive Science or 3 hrs
      - PHI 4782 Phenomenology or 3 hrs
      - PHI 4220 Philosophy of Language 3 hrs
      - 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 3763 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 3786 Existentialism or 3 hrs
      - PHI 4933 Key Concepts in Philosophy or 3 hrs
      - PHI 4931 Key Figures in Philosophy 3 hrs
- Prerequisite Courses
  - None
- Required Courses (15 hrs)
  - Select one course from each of the following groups:
    - Reasoning
      - 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
      - PHI 3000 Contemporary Philosophy 3 hrs
      - PHI 3200 Medieval Philosophy or 3 hrs
      - PHI 3400 Modern Western Philosophy or 3 hrs
      - PHI 3100 Ancient Philosophy or 3 hrs
    - Values and Society
      - PHI 3450 Environmental Ethics 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
      - PHI 3100 Freedom and Justice or 3 hrs
      - PHI 3640 Environmental Ethics or 3 hrs
      - PHI 4031 Environmental Philosophy or 3 hrs
      - PHI 3701 Native American Philosophy or 3 hrs
      - PHI 3805 Contemporary Aesthetics or 3 hrs
  - Select one course in the following areas:
    - PHI 4500 Metaphysics or 3 hrs
    - PHI 4341 Ways of Knowing or 3 hrs
    - PHI 4300 Theories of Knowledge or 3 hrs
    - PHI 3701 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 3 hrs
  - Select one course in the following areas:
    - PHI 3320 Philosophy of Mind or 3 hrs
    - PHI 3400 Philosophy of Science or 3 hrs
    - PHI 3323 Minds and Machines: Philosophy of Cognitive Science or 3 hrs
    - PHI 4782 Phenomenology or 3 hrs
    - PHI 4220 Philosophy of Language 3 hrs
    - 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 3763 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 3786 Existentialism or 3 hrs
    - PHI 4933 Key Concepts in Philosophy or 3 hrs
    - PHI 4931 Key Figures in Philosophy 3 hrs
- 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.
  - 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.

**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
http://www.physics.ucf.edu
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.

Required Courses (11 hrs)
- PHY 2048C: Physics for Engineers & Scientists I (4 hrs)
- PHY 2049C: Physics for Engineers and Scientists II (4 hrs)
- PHY 3101: Physics for Engineers and Scientists III (3 hrs)

Restricted Electives (9 hrs)
- Select from upper-level Physics lecture or laboratory courses appropriate for majors

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, Physical Sciences, Room: 430
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 the following:

Required Courses (6 hrs)
- POS 2041: American National Government (3 hrs)

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.

Restrictable Courses
- 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).
- Only three hours of for the following course may be used:

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 without prior departmental permission.

Political Science/Prelaw - Minor
College of Sciences
Department of Political Science, Physical Sciences, Room: 430
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/ 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:

Required Courses (3 hrs)
- POS 2041: American National Government (3 hrs)

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.

Required Courses (6 hrs)
- POS 2041: American National Government (3 hrs)
- POS 4284: Judicial Process and Politics (3 hrs)

Restricted Electives (12 hrs)
- Select 1: 3 hrs
  - INR 4401: International Law (3 hrs)
  - POS 4603: American Constitutional Law I or 3 hrs
  - POS 4604: American Constitutional Law II or 3 hrs
- Restricted Upper Division Electives 9 hrs
  - 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).
Minors

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 4 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

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.

Public Administration - 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 Abels, 407-823-2604

The Public Administration minor is related to one of the fastest growing fields in the United States today. Students studying Public Administration will gain a greater understanding of tools associated with management of public sector organizations, including fiscal management, survey research, public administration, and human resource management.

Minor Admission Requirements
- None

Minor Requirements
- None

Prerequisite Courses (None)
- None

Required Courses (21 hrs)
- PAD 3003 Public Administration in American Society 3 hrs
- PAD 3733 Professional Administrative Writing in the Public Sector 3 hrs
- PAD 4034 The Administration of Public Policy 3 hrs
- PAD 4104 Administrative Theory 3 hrs
- PAD 4204 Fiscal Management 3 hrs
- PAD 4414 Human Resource Administration 3 hrs
- PAD 4720 Survey Research in Public Administration 3 hrs

Restricted Electives
- None

Foreign Language Requirements
- None

Total Semester Hours Required
- 21

Other Requirements
- A minimum GPA of 2.0 is required in each course used to satisfy the minor.
- Students must earn at least a 2.0 (“C”) to earn credit.
- 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 without prior approval.
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 (6 hrs)
- ACO 2021 Principles of Financial Accounting 3 hrs
- ECO 2023 Principles of Microeconomics 3 hrs

Required Courses (12 hrs)
- 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 (6 hrs)
Select 2:
- REE 4103 Real Estate Appraisal and Valuation or 3 hrs
- REE 4203 Commercial Real Estate Finance or 3 hrs
- REE 4204 Residential Real Estate Finance or 3 hrs
- REE 4303 Real Estate Investment Analysis or 3 hrs
- REE 4732 Real Estate Development or 3 hrs
- REE 3614 Environmental Issues for Real Estate or 3 hrs
- REE 4933 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 (21 hrs)
Studying Religion and Culture 3 hrs
REL 2000 Introduction to Religious Studies 3 hrs

Traditions 6 hrs
- Must select one in each category

Abrahamic Traditions 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 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 Culture 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 3805 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, 407-823-1862

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)
- 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 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

**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 3 hrs  
    - CIS 4361  Secure Operating Systems and Administration or 3 hrs  
    - CIS 4615  Secure Software Development and Assurance or 3 hrs  
    - CNT 4703C  Design and Implementation of Computer Communication Networks or 3 hrs  
    - CNT 4704  Analysis of Computer Communication Networks or 3 hrs  
    - COP 4600  Operating Systems or 3 hrs  
    - EEL 4781  Computer Communication Networks  3 hrs
### 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/](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 Students in Schools 3 hrs
- **RED 4043** Content Reading in Kindergarten through Grade 12 3 hrs
- **SSE 4361** Social Science Instructional Analysis 3 hrs
- **SSE 4936** Programs in Teaching Social Science 3 hrs

#### Restricted Electives
- None

#### Foreign Language Requirements
- None

### Sociology - Minor

**College of Sciences**  
**Department of Sociology, Howard Phillips Hall, Room: 403**  
[http://sociology.ucf.edu/](http://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 (3 hrs)
- **SYG 2000** Introduction to Sociology 3 hrs

#### Restricted Electives (15 hrs)
- **2000-4000 level Sociology courses**
- **3000-4000 level Sociology courses**

#### Foreign Language Requirements
- None

### Spanish - Minor

**College of Arts and Humanities**  
**Department of Modern Languages and Literatures, Colbourn Hall, Room: 523**  

Email: ffacult@ucf.edu  
, 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
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 Business Management 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)
- Required Introductory Courses 9 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 Business Management 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: 3 hrs
- 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
- 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
- None

Prerequisite Courses
- None

Required Courses (18 hrs)
- ADE 4382  Teaching Adult Learners in Technical Programs  3 hrs
- ECT 4384  Advanced Teaching Techniques for Career Education  3 hrs
- ECT 3062  Professional Roles of the Career & Technical Teacher  3 hrs
- ECT 3367  Evaluation of Career & Technical Education Instruction  3 hrs
- ECT 4184  Curriculum Development Techniques for Industry Training  3 hrs
- ECT 4004  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 technology and business model innovations that enrich society and create wealth. This minor prepares students in engineering, science, and other technology disciplines to create, enhance 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>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSC 4012</td>
<td>Terrorism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4084</td>
<td>Politics of International Terrorism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 3930H</td>
<td>ST: Honors Terrorism from a Global Perspective</td>
<td>3 hrs</td>
</tr>
<tr>
<td>COM 4416</td>
<td>Terrorism and Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4114</td>
<td>American Security Policy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DSC 4013</td>
<td>Homeland Security and Criminal Justice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4364</td>
<td>The Intelligence Community</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CCJ 4076</td>
<td>Crime Intelligence and Investigative Support Analysis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>POS 3253</td>
<td>Contemporary Revolution and Political Violence</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives
Select two from the following:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 3403</td>
<td>Politics of the Middle East</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 2423</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.

For Example:
- CPO 3403 Politics of the Middle East and ASH 3223 The Modern Middle East
- LAH 3400 History of Mexico and Central America and INR 2423 International Politics of Latin America

Foreign Language Requirements
■ None

Minor Admission Requirements
■ Email the following application materials to theatre@ucf.edu:
- A statement of why you want to become a Theatre Minor
### Minors

- A course history list (including grades) of theatre courses completed at UCF or any other university
- A completed UCF Theatre Department Student Information Form (found on our website)

#### Minor Requirements
- None

#### Prerequisite Courses
- None

#### Required Courses (12 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 2000 Theatre Survey</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 3006 Greece to Grease: Development of Theatre</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPP 2101 Fundamentals of Acting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>TPA 2200 Introduction to Technical Theatre</td>
<td>2 hrs</td>
</tr>
<tr>
<td>TPA 2290L Theatre Participation-Production I</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

#### 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.
- At least 12 hours used toward the minor must be earned from the UCF Theatre Department. Transfer credits are allowed, but student must still complete 12 credits from UCF Theatre Department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.
- 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.

### 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 Abels
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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 3330 Urban and Regional Planning</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4712 Information Systems for Public Managers and Planners</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4331 Land Use and Planning</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4334 Urban Design</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4253 Community &amp; Economic Development</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4351 Issues in Environmental Program</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4803 Issues in Urban Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4822 Intergovernmental Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4390 Hazard Mitigation and Preparedness</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PAD 4392 Emergency Management and Homeland Security</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 2000 Theatre Survey</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 3006 Greece to Grease: Development of Theatre</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 3621 Theories of Masculinity</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 3561 Third Wave Feminisms</td>
<td>3 hrs</td>
</tr>
<tr>
<td>THE 3621 Theories of Masculinity</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 4415 Global and Transnational Feminism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 4349 Ecofeminism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 4554 Advanced Feminist Theories</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LIT 4554 Feminist Theories</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHM 3123 Feminist Theories</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 21

#### Other Requirements

- 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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WST 3015 Introduction to Women’s Studies</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 3522 First and Second Wave Feminisms</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 3561 Third Wave Feminisms</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 3621 Theories of Masculinity</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 4349 Ecofeminism</td>
<td>3 hrs</td>
</tr>
<tr>
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<td>3 hrs</td>
</tr>
<tr>
<td>LW 4554 Advanced Feminist Theories</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LIT 4554 Feminist Theories</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Select 3:

- Select three courses from the Theories Group:
  - WST 3522 First and Second Wave Feminisms or 3 hrs
  - WST 3561 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
  - LW 4554 Advanced Feminist Theories or 3 hrs
  - LIT 4554 Feminist Theories or 3 hrs

### Women’s Studies - Minor

**College of Arts and Humanities**

**Program in Women’s Studies, Colbourn Hall, Room: 118**

**Email:** womensst@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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WST 3015 Introduction to Women’s Studies</td>
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<tr>
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<td>3 hrs</td>
</tr>
<tr>
<td>WST 4349 Ecofeminism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>WST 4415 Global and Transnational Feminism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LW 4554 Advanced Feminist Theories</td>
<td>3 hrs</td>
</tr>
<tr>
<td>LIT 4554 Feminist Theories</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Select 3:

- Select three courses from the Theories Group:
  - WST 3522 First and Second Wave Feminisms or 3 hrs
  - WST 3561 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
  - LW 4554 Advanced Feminist Theories or 3 hrs
  - LIT 4554 Feminist Theories or 3 hrs
Women's History

Women's Studies Disciplinary Approaches
No more than one 2000-level course will 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
EUA 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 3861 Women Writers of Color 3 hrs
AML 3286 Early American Women's Words 3 hrs

Women's Wellness

CLP 3184 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 4035 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.

Restricted Electives (6 hrs)

Students should complete at least one of their two elective courses from outside their major. Students may count additional courses from the Theories Group as electives toward the minor. Students may use course substitutions, internship, independent study, or Special 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.

World Comparative Studies - Minor

Minor Admission Requirements

None

Minor Requirements

None

Prerequisite Courses

None

Required Courses (3 hrs)

IDS 3333 World Comparative Studies 3 hrs

Restricted Electives (15 hrs)

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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AML 3615</td>
<td>Harlem, Haiti, and Havana</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3610</td>
<td>Language and Culture</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3145</td>
<td>Archaeology of Complex Societies</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3319</td>
<td>Slavery, Resistance, and Cultural</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>Peoples of the World</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ANT 4702</td>
<td>Culture, Power and Development</td>
<td>3 hrs</td>
</tr>
<tr>
<td>FSS 3008</td>
<td>Culture and Cuisine</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4866C</td>
<td>Exploring Wines of the World</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3868</td>
<td>History and Culture of Wine</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4894</td>
<td>International Gastronomy</td>
<td>3 hrs</td>
</tr>
<tr>
<td>REL 3363</td>
<td>Islam</td>
<td>3 hrs</td>
</tr>
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</table>

Economics

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ANT 4702</td>
<td>Culture, Power and Development</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 3703</td>
<td>International Microeconomics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 4713</td>
<td>International Macroeconomics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECS 4013</td>
<td>Development Economics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECP 3302</td>
<td>Economics and the Environment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3700</td>
<td>Tourism Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4035</td>
<td>International Political Economy</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Biological and Geophysical Environment

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDS 3150</td>
<td>Foundations of Environmental Studies</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECO 3302</td>
<td>Economics and the Environment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SYD 4510</td>
<td>Environment and Society</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4735</td>
<td>Tourism Geography</td>
<td>3 hrs</td>
</tr>
<tr>
<td>INR 4351</td>
<td>International Environmental Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ENV 3001</td>
<td>Introduction to Environmental Engineering</td>
<td>3 hrs</td>
</tr>
<tr>
<td>GIS 3043C</td>
<td>GIS for Environmental Studies</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 3033</td>
<td>Philosophy, Religion, and the Environment</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PHI 3640</td>
<td>Environmental Ethics</td>
<td>3 hrs</td>
</tr>
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</table>
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 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)

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

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 4354 Writing with Communities and Nonprofits 3 hrs
ENC 3372 Topics in Civic Rhetoric and Writing 3 hrs
ENC 4378 Writing in Global and Transnational Contexts

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 4354 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 3833 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.
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

1 Full-time social work majors ONLY. Cannot be used with SOW 4941.
2 Part-time social work majors over two semesters ONLY. Cannot be used with SOW 4510.

Restricted Electives (9 hrs)
- Students select three additional courses from the following courses: A maximum of two courses must be taken in 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 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
- DEP 4286 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 Minority Aging 3 hrs
- SYP 4732 Psychological Aging Services 3 hrs
- GEY 5007 Women and Healthy Aging 3 hrs
- SYP 4735 Aging of Older Adults 3 hrs

1 Open to undergraduates with senior standing

Foreign Language Requirements
- None

Total Semester Hours Required
- 15

Behavioral Forensics - Certificate

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 2012 General Psychology 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 3 hrs
  - SYP 3510 Sociology of Deviant Behavior 3 hrs

Required Courses (9 hrs)
- SYP 3510 Sociology of Murder 3 hrs
- SYP 3530 Juvenile Delinquency 3 hrs
- SYP 3540 Sociology of Law 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
- SYP 3143 Abnormal Psychology 3 hrs
- SYP 3302 Clinical Psychology 3 hrs
- SYP 4134 Child Psychology 3 hrs
- PCE 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
Certificates

SYP 3562 Patterns of Domestic Violence in Society 3 hrs
SYP 4514 Patterns of Violence in Society 3 hrs
SYP 4521 Crime Victims in Society 3 hrs
SYP 4536 Gangs and Society 3 hrs

Criminal Justice: Select from the following: 3 hrs
CJE 4012 Criminal Profiling in Criminal Justice 3 hrs
CJE 4630 Serial Murder and Criminal Justice 3 hrs
CCJ 3014 Crime in America 3 hrs
CCJ 3024 Criminal Justice System 3 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
CCJ 4690 Sex Offenders and the Criminal Justice System 3 hrs

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. The 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: 3 hrs
SOW 4654 Children’s Services 3 hrs
SOW 4650 Child Abuse: Treatment and Prevention 3 hrs

Select 1: 9 hrs
1 SOW 4510 Field Education or 9 hrs
1 SOW 4941 Internship 9 hrs
2 (for full-time students ONLY)
3 (for part-time students over two semesters)

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 18

Other Requirements
■ None

College of Health and Public Affairs
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
Email: cjadvice@ucf.edu
R. Cory Watkins, 407-823-2603

Crime analysis and crime mapping are now recognized as essential and vital functions in law enforcement. Analysts take advantage of state-of-the-art computer technologies to support operations, investigations, and management. These specialists take data and produce information that is used to identify crime patterns, monitor crime trends, forecast future crime events, prepare statistical crime reports, and work directly with investigators to identify suspects.

Five courses (15 credit hours) are required for this undergraduate certificate. 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)
CJE 3662 CJ Information Technology and Data Management 3 hrs
CCJ 4663 Crime Mapping and Pattern Analysis 3 hrs
CCJ 4076 Crime Intelligence and Investigative Support Analysis 3 hrs

Restricted Electives (6 hrs)
■ Select two of the following:
CCJ 3451 Justice System Technology 3 hrs
CJE 3444 Crime Prevention 3 hrs
CJE 4554 Crime and Place 3 hrs
CCJ 3450 The Criminal Justice Manager 3 hrs
CJE 4352 Policy Development in Law Enforcement 3 hrs
CJE 4572 Justice Agency Operations 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 within the Department of Criminal Justice.
■ No credit by exam (TSD, Military credit) may be used.
■ Internship or Independent Study credit may not be used toward the program.

Crime Scene Investigation - Certificate
College of Health and Public Affairs
College of Sciences
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
Department of Anthropology, Phillips Hall, Room: 403
Dr. John Schultz, jschultz@ucf.edu, 407-823-2618
Dr. Mark Winton, cjadvice@ucf.edu, 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
Certificates

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 4183 Archaeological Sciences 3 hrs
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 4830 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
College of Health and Public Affairs
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)
CLP 3143 Abnormal Psychology 3 hrs
CJE 4630 Serial Murder and Criminal Justice 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

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.

Cultural Tourism - 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

This certificate harnesses the naturally related fields of tourism to cultural studies, focusing on the specific cultural and business conditions in Central Florida as well as tourism. The certificate complements several fields, including Hospitality Management, African American Studies, History, Anthropology, and Political Science. The cultural theme can be fulfilled by specialized areas in African American Heritage, Anthropology, Environmental Tourism, or Latin American.

Certificate Admission Requirements
■ None

Certificate Requirements
■ None

Prerequisite Courses
■ None

Required Courses (12 hrs)
HFT 3700 Tourism Management 3 hrs
HFT 4735 Tourism Geography 3 hrs
ANT 4303 Anthropology of Tourism 3 hrs

Restricted Electives (6 hrs)
■ Choose two classes from one of the following areas:
African American Heritage area (choose two classes)
AFA 3104 The Black Intellectual Experience 3 hrs
AFA 4105 Documenting Africana Heritage and Life 3 hrs
SYD 3700 Race and Ethnicity 3 hrs

Anthropology area (choose two classes)
ANT 2140 Archaeology and the Rise of Human Culture 3 hrs
ANT 3212 Peoples of the World 3 hrs
ANT 2410 Cultural Anthropology 3 hrs
ANT 3115 Archaeological Method and Theory 3 hrs
ANT 3701 Applied Anthropology 3 hrs

Environmental Tourism area (choose two classes)
BOT 3152C Local Flora 3 hrs
PCB 3442 Aquatic Ecology 3 hrs
INR 4351 International Environmental Law 3 hrs
### Diplomacy - Certificate

**College of Sciences**  
**College of Arts and Humanities**  
**Department of Political Science**,  
**Phillips Hall, Room: 302**  
**Department of History, Colbourn Hall, Room: 551**  

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.
- 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.

#### Prerequisite Courses
- Students must satisfy each course's prerequisites before enrolling in the class.

#### Required Courses (9 hrs)
- **INR 4030** Diplomacy  
- **AMH 4513** United States as a Great Power:  
  1945-Present  
- **INR 4102** American Foreign Policy  

#### Restricted Electives (6 hrs)
- Select two courses from the following list:  
  - **INR 4114** American Security Policy or  
  - **INR 4054** Global Politics of Energy or  
  - **INR 4074** Immigration Policy or  
  - **INR 4075** Human Rights Policy or  
  - **INR 4076** Global Drug Policy or  
  - **INR 4174** Politics of International Trade Policy or  
  - **INR 4104** Topics and Cases in American Foreign Policy or  

#### Foreign Language Requirements
- None

#### Total Semester Hours Required
- 15

#### Other Requirements
- 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.

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### Educational Studies - Certificate

**College of Education and Human Performance**  
**School of Teaching, Learning, and Leadership**,  
**Education Building, Room: 220B**  
[http://education.ucf.edu/edcert](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  
- **EDF 4467** Learning Theory and Assessment  
- **EDG 4410** Teaching Strategies and Classroom Management  
- **RED 4043** Content Reading in Kindergarten through Grade 12  

#### Restricted Electives (3 hrs)
- Choose one:  
  - **MAE 4834** Programs in Teaching of Mathematics  
  - **SSE 4936** Programs in Teaching Social Science  
  - **LAE 4464** Survey of Adolescent Literature  
  - **LAE 4342** Programs in Teaching Language and Composition  
  - **SCE 4361** Programs in Teaching Science  
  - **PET 4710** Methods for Physical Activity for Children and Adolescents

#### 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.
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

Required Courses

- 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)

Required Electives
- None

Finance: Banking - Certificate
College of Business Administration
Department of Finance,
Business Administration I, Room: 409
http://web.bus.ucf.edu/academics/finance/

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 Adoption 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.

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)
- MAR 3391 Professional Selling or (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
http://web.bus.ucf.edu/academics/finance/

*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 Adoption 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.

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
Finance: Investments - Certificate
College of Business Administration
Department of Finance,
Business Administration I, Room: 409
http://www.bus.ucf.edu/finance/

*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 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

Restricted Electives
■ None

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 15

Other Requirements
■ No more than three credit hours from the Health Communication Certificate 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

Department of Biology
http://cos.ucf.edu/biology
Dr. John Schultz, John.Schultz@ucf.edu
Frank Logiudice, Frank.Logiudice@ucf.edu

The Human Biology certificate blends biological anthropology with a foundation in human biology. 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 2011C 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 Techniques  3 hrs

Restricted Electives Group B:
■ Biology Majors select four courses from the list below:
  BSC 2010C Biology I  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 Techniques  3 hrs

Restricted Electives Group C:
■ Biomedical Sciences Majors select four courses from the list below:
  BSC 2011C 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 Techniques  3 hrs

Health Communication - Certificate
College of Sciences
Nicholson School of Communication
Email: nassc@ucf.edu
Phone: 407-823-2681

The certificate in health communication has a dual focus: 1) it is designed to provide students in health-related fields training in facilitating health communication processes; 2) it allows communication students to demonstrate that they have conceptual and applied knowledge about the role of communication in health care.

Admission Requirements
■ None
Certificate Requirements
■ Certificates will be awarded only at the time of degree completion.

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. Exceptions are identified below.

Required Courses
■ (12 hrs)
COM 3022 Health Communication  3 hrs
COM 4550 Health Communication Campaigns  3 hrs
MMC 2004 Mass Media  3 hrs
PUR 4000 Public Relations  3 hrs

Restricted Electives
■ (3 hrs)
Choose from the following:
ANT 4408 Culture, Disease, and Healing  3 hrs
ANT 4462 Medical Anthropology  3 hrs

Other Requirements
■ None
Certificates

Certificate Requirements

Certificate Admission Requirements

Prerequisite Courses

Required Courses

Language

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>HBR 1120</td>
<td>Elementary Modern Hebrew Language and Culture I</td>
</tr>
<tr>
<td>HBR 1121</td>
<td>Elementary Modern Hebrew Language and Culture II</td>
</tr>
<tr>
<td>HBR 2200</td>
<td>Intermediate Modern Hebrew I</td>
</tr>
<tr>
<td>HBR 2201</td>
<td>Intermediate Modern Hebrew II</td>
</tr>
<tr>
<td>HBR 3250</td>
<td>Biblical Hebrew</td>
</tr>
<tr>
<td>HBR 3410</td>
<td>Conversational Israeli Hebrew</td>
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Jewish History

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>JST 3401</td>
<td>Jewish People in Antiquity</td>
</tr>
<tr>
<td>JST 3402</td>
<td>Wanderings: The Jewish People in Dispersion</td>
</tr>
<tr>
<td>JST 3481</td>
<td>20th Century Jewish History and Thought</td>
</tr>
<tr>
<td>JST 3701</td>
<td>History of the Holocaust</td>
</tr>
<tr>
<td>JST 3415</td>
<td>American Jewish History</td>
</tr>
<tr>
<td>JST 3417</td>
<td>Sephardi Jews: History, Culture, and Folklore</td>
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</table>

Bible

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>JST 3120</td>
<td>Hebrew Scriptures</td>
</tr>
<tr>
<td>JST 3125</td>
<td>The Book of Job</td>
</tr>
<tr>
<td>JST 3126</td>
<td>Romantic Love in the Bible</td>
</tr>
<tr>
<td>JST 3144</td>
<td>Dead Sea Scrolls</td>
</tr>
<tr>
<td>JST 3190</td>
<td>The Biblical Prophets</td>
</tr>
<tr>
<td>JST 3424</td>
<td>Biblical Archaeology</td>
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Literature

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>JST 3130</td>
<td>The Hebrew Creative Mind</td>
</tr>
<tr>
<td>JST 3312</td>
<td>Identity and Genre</td>
</tr>
<tr>
<td>JST 3751</td>
<td>Literature of the Holocaust</td>
</tr>
<tr>
<td>JST 3803</td>
<td>The Israeli Experience in Short Stories</td>
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</table>

Jewish Civilization

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>JST 3005</td>
<td>Tenets of Judaism</td>
</tr>
<tr>
<td>JST 3121</td>
<td>Classic Texts of Judaism</td>
</tr>
<tr>
<td>JST 3210</td>
<td>Kabbalah: Jewish Mysticism</td>
</tr>
<tr>
<td>JST 3620</td>
<td>Contemporary Jewish Ethics and Morality</td>
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Culture

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<tbody>
<tr>
<td>JST 3450</td>
<td>Modern Jewish Experience</td>
</tr>
<tr>
<td>JST 3810</td>
<td>The Jewish National Movement and Roots of Zionism</td>
</tr>
<tr>
<td>JST 3820</td>
<td>Modern Israeli Culture</td>
</tr>
<tr>
<td>JST 3551</td>
<td>The Holy and the Profane: The Introduction of Secularism into Modern Judaism</td>
</tr>
<tr>
<td>JST 3550</td>
<td>Introduction of Modernism into Judaism</td>
</tr>
<tr>
<td>JST 3821</td>
<td>Building a Nation - the Challenges to and Accomplishments of the State of Israel</td>
</tr>
</tbody>
</table>

Other courses, including special topics, with the approval of the Director

Restricted Electives

Foreign Language Requirements

None

Total Semester Hours Required

<table>
<thead>
<tr>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>19</td>
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</tbody>
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Other Requirements

No credit by exam (TSD, Military credit) may be used.
Internship, research, or Independent Study credit cannot 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

None

Certificate Requirements

None
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 3 hrs
- 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 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
- SPC 4426 Group Dynamics 3 hrs

Social Relations and Culture 3 hrs
- 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 3034C Social Psychology or 3 hrs
- SOP 3723 Cross Cultural Psychology or 3 hrs
- SOP 3742 Psychology of Women or 3 hrs
- SOP 3784 Psychology of Diversity 3 hrs

Politics 3 hrs
- 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 3 hrs
- 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 4712 Healthcare Marketing 3 hrs
- 1MAR 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 (6 hrs)
- 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

### 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.

**Certificate Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses** *(6 hrs)*
- MAR 4841 Services Marketing 3 hrs
- 1MAR 4941 Marketing Internship 3 hrs

1 Internship in services-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: 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.

**Certificate Requirements**
- None

**Prerequisite Courses**
- None

**Required Courses** *(6 hrs)*
- MAR 4711 Sport Marketing 3 hrs
- 1MAR 4941 Marketing Internship 3 hrs

1 Internship in sports-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** *(9 hrs)*
- ANT 2000 General Anthropology 3 hrs
- AMH 2010 U.S. History: 1492-1877 3 hrs
- AMH 2020 U.S. History: 1877-Present 3 hrs

**Restricted Electives** *(6 hrs)*
- Choose from the following:
  - AMH 3441 History of the Frontier: Eastern America 3 hrs
  - AMH 2010 U.S. History: 1492-1877 3 hrs
  - AMH 3580 North American Indians 3 hrs

**Foreign Language Requirements**
- None

### Total Semester Hours Required
- 15

### Other Requirements
- No credit by exam (TSD, Military credit) may be used.
- Course substitutions must be approved in advance by the Director of the Native American Studies Program.
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. Certificates will be awarded only at the time of degree completion.

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 (3 hrs)
■ See advisor for approved courses

Foreign Language Requirements
■ None

Total Semester Hours Required
■ 12

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 4354 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 4333 Writing for Social Change 3 hrs
  ENC 3433 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 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)
■ REE 3433 Real Estate Law 3 hrs
■ REE 4204 Residential Real Estate Finance 3 hrs
■ REE 4203 Commercial Real Estate Finance 3 hrs

Select 2: (3 hrs)
■ REE 4204 Residential Real Estate Finance 3 hrs
■ REE 4203 Commercial Real Estate Finance 3 hrs

Select 3: (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

UNIVERSITY OF CENTRAL FLORIDA
Certificates

Real Estate: Real Estate Appraisal - 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 real estate appraiser’s license.

Certificate Admission Requirements
■ None
Certificate Requirements
■ None
Prerequisite Courses
■ None

Required Courses (15 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REE 3043</td>
<td>Fundamentals of Real Estate</td>
<td>3 hrs</td>
</tr>
<tr>
<td>REE 3433</td>
<td>Real Estate Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>REE 4103</td>
<td>Real Estate Appraisal and Valuation</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAR 3391</td>
<td>Professional Selling</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 REE 4941</td>
<td>Internship</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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.

Restricted Electives
■ None
Foreign Language Requirements
■ None
Total Semester Hours Required
■ 15
Other Requirements
■ None

Real Estate: Real Estate 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 real estate sales license.

Certificate Admission Requirements
■ None
Certificate Requirements
■ None
Prerequisite Courses
■ None

Required Courses (15 hrs)

<table>
<thead>
<tr>
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<td>REE 3043</td>
<td>Fundamentals of Real Estate</td>
<td>3 hrs</td>
</tr>
<tr>
<td>REE 3433</td>
<td>Real Estate Law</td>
<td>3 hrs</td>
</tr>
<tr>
<td>REE 4033</td>
<td>Real Estate Investment Analysis</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MAR 3391</td>
<td>Professional Selling</td>
<td>3 hrs</td>
</tr>
<tr>
<td>1 REE 4941</td>
<td>Internship</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

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.

Restricted Electives
■ None
Foreign Language Requirements
■ None
Total Semester Hours Required
■ 15
Other Requirements
■ None

Security Management - Certificate
College of Health and Public Affairs
Department of Criminal Justice, Health and Public Affairs I, Room: 311
Email: cjadvice@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
■ Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses
■ There are no certificate prerequisites; however individual courses may have prerequisites.

Required Courses (12 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCC 3311</td>
<td>Security Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CJT 3803</td>
<td>Security Management</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CJT 4843</td>
<td>Risk Management in Criminal Justice/ Private Security</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CCJ 4644</td>
<td>White Collar Crime</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Restricted Electives (3 hrs)
■ Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJE 3444</td>
<td>Crime Prevention</td>
<td>3 hrs</td>
</tr>
<tr>
<td>CJT 3821</td>
<td>Practical Security Applications</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SCC 3316</td>
<td>Special Security Problems</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DSC 4012</td>
<td>Terrorism</td>
<td>3 hrs</td>
</tr>
<tr>
<td>DSC 4013</td>
<td>Homeland Security and Criminal Justice</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>
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

- A minimum GPA of 2.5 in all courses

- 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,
Colburn 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

- None

Prerequisite Courses

- None

Required Courses (12 hrs)

- EDF 2907 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.

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.
### Translation and Interpretation - Certificate
**College of Arts and Humanities**

**Department of Modern Languages and Literatures,**
Colbourn Hall, Room: 505


**Email:** ffacult@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 I, 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
    - CCJ 4564  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**


**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 24 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.

A: Communication Foundations
B: Cultural & Historical Foundations
C: Mathematical Foundations
D: Social Foundations
E: Science Foundations

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.
- 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
- 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 4134 High-Speed Aerodynamics 3 hrs
- EAS 4300 Aerothermodynamics of Propulsion 3 hrs
- EML 3034C Modeling Methods in Mechanical and Aerospace Engineering 3 hrs
- EGM 3601 Solid Mechanics 3 hrs
- EAS 4200 Analysis & Design of Aerospace Structures 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

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.
- Please Note: The Accelerated B.S. to M.S. Program allows students to complete a maximum of 12 credit hours of Graduate level course work for technical elective credit.

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
- 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
- Mechanical Engineering
Certificates
- None

Related Minors
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- 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.
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

D: Social Foundations (6 hrs)
   Suggested PSY 2012 General Psychology 3 hrs

Select 1: 3 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

E: Science Foundations (6 hrs)
   Required PHY, CHM, or PSC course listed in GEP E.1 3 hrs
   Any BSC course listed in GEP E.2 or ANT 2511 3 hrs

2. Common Program Prerequisites (CPP)
   STA 2014C Principles of Statistics GEP
   PSY 2012 General Psychology GEP
   Any BSC course or ANT 2511 GEP
   PHY, PSC or CHM GEP

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
   EEX 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 with Communication Disorders or 3 hrs
   EEX 3450 Young Children With Special Needs 3 hrs

Statistics Requirement 6 hrs

- Students have two options in completing this requirement:
  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 GEP
   SPA 6805 Research in Communicative Disorders 3 hrs
   or
   STA 2023 Statistical Methods I and 3 hrs
   SPA 6805 Research in Communicative 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
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. American Sign Language (ASL) can be used to fulfill the foreign language admission requirement.
Graduation
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year. ASL I, II, and III can be used to fulfill this requirement.
8. Electives
- Select 12 hours of electives. A minor or certificate is encouraged.
9. Additional Requirements
- None
10. Required Minors
- None
11. Departmental Exit Requirements
- A minimum grade of “B” in all graduate courses.
- A minimum overall GPA of 3.0 in the courses used to satisfy the major.
- A passing score on the Communication Sciences and Disorders Undergraduate Competency 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 Undergraduate Hours Required
- 120
Honors In Major
- Interested students should contact the undergraduate program coordinator.
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

Shared Courses
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 6204</td>
<td>Articulation/Phonological Disorders</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 6410</td>
<td>Aphasia and Related Disorders</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 6496</td>
<td>Language Disorders in Children and Adolescents</td>
<td>6 hrs</td>
</tr>
<tr>
<td>SPA 6805</td>
<td>Research in Communicative Disorders</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPA 6551</td>
<td>Foundations of Clinical Practice: Level I</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

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: $17.50 per term
- Full-Time Student: $35 per term

Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.P.E. / M.S.P.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 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 Introduction to the Engineering Profession 1 hr
- EGN 1006C Introduction to the Engineering Profession 1 hr

4. Core Requirements: Advanced Level (57 hrs)

Courses Required for the Engineering Core
- STA 3032 Probability and Statistics for Engineers 3 hrs
- STA 3032 Probability and Statistics for Engineers GEP

Select 1:
- EGN 3310 Engineering Analysis-Statics 3 hrs
- EGN 3358 Thermo-Fluids-Heat Transfer 3 hrs

Courses Required for the Major
- COP 3502C Computer Science I 3 hrs
- COP 3502C Computer Science II 3 hrs
- COP 3330 Object Oriented Programming 3 hrs
- COP 4331C Processes for Object-Oriented Software Development 3 hrs
### 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
- **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 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 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 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.

### Equipment Fees
- **Part-Time Student**: $30 per term
- **Full-Time Student**: $60 per term

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**Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)**

**College of Engineering and Computer Science**

**Department of Electrical Engineering and Computer Science**

**Dr. Hassan Foroosh, foroosh@eecs.ucf.edu**

**Ronda Leigh, Ronda.Leigh@ucf.edu**

**Phone**: 407-823-3327

**http://www.eecs.ucf.edu**

**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

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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
- 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 4834  Senior Design I  3 hrs
- COP 4935  Senior Design II  3 hrs

5. Restricted Electives (15 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).

6. Capstone 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

Total Combined Hours Required
- 138

Honors In Major
- None

Related Programs
- Computer Engineering
- Information Technology

Certificates
- None

Related Minors
- Information Technology
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Secure Computing and Networks
- Interdisciplinary Informatics Technology

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 or 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 restricted elective or course requirements for the major. Contact the Graduate Coordinator in the Computer Science 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.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $9 per term
- Full-Time Student: $18 per term

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
Accelerated Undergraduate-Graduate Programs

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 1907C Engineering Concepts and Methods 1 hr

4. Core Requirements: Advanced Level (53 hrs)

   Engineering Core: Advanced 9 hrs
   EGN 3310 Engineering Analysis-Statics 3 hrs
   STA 3032 Probability and Statistics for Engineers GEP
   PHY 3101 Physics for Engineers and Scientists III 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 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 Fundamentals 3 hrs
   EEL 3552C Analog and Digital Communication Fundamentals 4 hrs
   EEL 3657 Linear Control Systems 3 hrs
   EEL 3801C Computer Organization 3 hrs
   EEE 4300C Electronics II 4 hrs
   EEL 4750 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 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 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

8. 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.

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: $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.
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.
- AMH 2010 U.S. History: 1492-1877 GEP
- 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 EUH 2001 Western Civilization II 6 hrs
- or
- WOH 2012 World Civilization I and WOH 2022 World Civilization II 6 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

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.
   - EGS 1006C Introduction to the Engineering Profession 1 hr
   - EGN 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
   - EIN 3310 Engineering Analysis-Statics 3 hrs
   - EIN 3321 Engineering Analysis-Dynamics 3 hrs
   - EIN 3373 Principles of Electrical Engineering 3 hrs
   - EIN 5108 The Environment of Technical Organizations 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 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 4528C Industrial Engineering Applications of Computers 3 hrs
   - EGS 3358 Thermo-Fluids-Heat Transfer or 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.
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.o eas.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
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 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.
- See Mechanical Engineering major in the Catalog for CPP requirements.

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 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 334C 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 3101 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 or 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
   - EML 4991  Mechanical Career and Academic Faculty  0 hrs

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.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

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 Alred, 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.
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 A&P I, II) 4 hrs

**Group B**

- grade of C (2.0) or better
- Sociology or 3 hrs
- Psychology
- 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
- MCB 2004 Microbiology for Health Professionals 4 hrs

#### B: Cultural & Historical Foundations
- CHM 1032 General Chemistry 3 hrs

#### C: Mathematical Foundations
- ZOO 3733C Human Anatomy 4 hrs

#### D: Social Foundations
- PCB 3703C Human Physiology 4 hrs

#### E: Science Foundation

- HUN 3011 Human Nutrition 3 hrs

### 2. Common Program Prerequisites (CPP) (27 hrs)

- STA 2014C Principles of Statistics or 3 hrs

### Select 1:

- 3 hrs

### 3. Core Requirements: Basic Level

#### None

### 4. Core Requirements: Advanced Level (57 hrs)

#### None

### 5. Restricted Electives (3 hrs)

- Nursing Elective 3 hrs

### 6. Capstone Requirements

#### None

### 7. Foreign Language Requirements

#### Admissions

- 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 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
- 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.oegas.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.
Accelerated Undergraduate-Graduate Programs

- 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 Communication 3 hrs

#### B: Cultural & Historical Foundations (9 hrs)
- Select 1:
  - SYG 2000 Introduction to Sociology or 3 hrs
  - PSY 2012 General Psychology 3 hrs
- Prefer: MAC 1105C College Algebra 3 hrs
- Required: STA 2041 American National Government 3 hrs

#### C: Mathematical Foundations (6 hrs)
- Select 1:
  - ECO 2013 Principles of Macroeconomics or 3 hrs
  - ECO 2023 Principles of Microeconomics or 3 hrs
  - POS 2041 Selected Topics: American Government 3 hrs

### 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 3 hrs
- ZOO 3733C 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 Methodology I 3 hrs
- SOW 3104 Assessing I: Human Development or 3 hrs
- DEP 2004 Developmental Psychology 3 hrs

#### Select 2:
- PSY 2012 General Psychology or 3 hrs
- SYG 2000 Introduction to Sociology or 3 hrs

### 3. Core Requirements: Basic Level

- None

### 4. Core Requirements: Advanced Level (30 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3805</td>
<td>Dimensions of Professional Nursing Practice</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3165</td>
<td>Nursing Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 3634</td>
<td>Community Health Nursing</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4837</td>
<td>Health Care Issues, Policy, and Economics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>NUR 4604L</td>
<td>Practicum in Community and Public Health Nursing for RNs</td>
<td>4 hrs</td>
</tr>
<tr>
<td>NUR 4637</td>
<td>Public Health Nursing</td>
<td>2 hrs</td>
</tr>
</tbody>
</table>

### NURSE EDUCATOR / CLINICAL NURSE TRACK

- 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) and 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 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

### 5. Restricted Electives

#### Upper Division Credit

- 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 Practicum 2 hrs
- NGR 3445 Nursing Care of Families 3 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

- 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).

#### 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 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
Accelerated Undergraduate-Graduate Programs

Honors In Major
- Contact CON HIM Advisor or Program Coordinator

Related Programs
- Health Services Administration
- 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

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.oegas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $25 per term
- Full-Time Student: $50 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.Buckman@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. Fuchsberg 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.
- 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 coursework with a 3.2 UCF GPA, completion of at least 33 credit hours of the 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://www.cohpa.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 coursework 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.
- 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.

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
- 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
- Capstone must be completed with a minimum grade of "C" (2.0) to satisfy the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLA 4935 Capstone: Legal Issues</td>
<td>3 hrs</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
- 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
- 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](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, (Fall 2003 or later for Criminal Justice) from a Florida public community or state college.

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 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.

Applicants who qualify for this program are not guaranteed admission to the limited access program in Nursing or programs that require specific grades in particular courses for admission. Students should consult with their community or state college advisor when pursuing one of these programs to make sure they have met all of the appropriate requirements for the degree, including the necessary General Education courses and common program prerequisites. Students are still required to complete all of the components of the Gordon Rule prior to graduation from UCF. Students may be required to complete all common program prerequisites for these majors prior to enrollment in upper division course work. To earn a bachelor’s degree, students must complete 36 hours of General Education Program.

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 407-823-2609, or the Director of Transfer and Transition Services, 407-823-2231.

### 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 required 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 and sent to the UCF Registrar prior to the student’s graduating term from the University of Central Florida. Students who choose 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. If students wish to take an upper division course at the main Orlando campus, they should see a Regional Campus academic advisor. This will be allowed only on a very limited basis and under highly extenuating circumstances. If you have any questions regarding this policy or procedure, please contact Regional Campuses Advising at 407-823-4547.

### 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 this 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
   - BUL 3130 Legal and Ethical Environment of Business  
   3 hrs
   - PLA 3014 Law and the Legal System  
   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:**

- CJC 3510 Prosecution and Adjudication or 3 hrs
- CJC 3510 Corrections and Penology or 3 hrs
- CJE 4014 Police and Society or 3 hrs
- Six additional hours of CCJ, CJC, CJE, CIL, or CJT courses, selected with the aid of an academic advisor  
  6 hrs
Articulated A.S. Programs

Legal Studies Track 18 hrs
Take all of the following: 6 hrs
PLA 3014 Law and the Legal System and 3 hrs
PLA 3108 Legal Research 3 hrs
Select 4: 12 hrs
PLA 3155 Legal Writing or 3 hrs
PLA 3205 Civil Practice and Procedure or 3 hrs
PLA 3277 The Law of Torts or 3 hrs
PLA 3309 Criminal Procedure or 3 hrs
PLA 4424 The Law of Contracts or 3 hrs
PLA 4703 Professional Ethics and Liability 3 hrs

Health Services Administration 18 hrs
Take all of the following: 15 hrs
HSA 3111 U.S. Health Care Systems and 3 hrs
HSC 4201 Community Health and 3 hrs
HSA 4180 Organization & Management for Health 3 hrs
Agencies I and
HSA 4191 Health Care Automation and 3 hrs
HSC 4500 Epidemiology 3 hrs
Select 1: 3 hrs
HSC 4652 Health Law and Ethics or 3 hrs
HSA 4109 Principles of Managed Care or 3 hrs
HSA 4702 Health Sciences Research Methods or 3 hrs
HIM 4508 Quality Management 3 hrs

Information Technology Track 21 hrs
Requirements for the track: 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 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 the student’s graduating term from the University of Central Florida. Students who choose 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.

Take all of the following: 21 hrs
CET 3383 Applied Systems Analysis I and 3 hrs
CET 4427 Applied Database I and 3 hrs
ETI 4448 Applied Project Management and 3 hrs
CET 4748 Wide Area Networks I and 3 hrs
CET 4749 Wide Area Networks II and 3 hrs
CET 4663 Computer and Network Security and 3 hrs
CET 4483 Intro to Local Area Network Technology 3 hrs

Software Development Track 21 hrs
Requirements for the track: An A.S. degree in Computer Programming and Analysis (CP&A), or at a minimum 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.

Take all of the following: 21 hrs
COP 3330 Object Oriented Programming and 3 hrs
CEN 4025 Software Development II and 3 hrs
CEN 4910 Software Development Project and 3 hrs
ETI 4448 Applied Project Management and 3 hrs
CEN 4802 Software Integration, Configuration, and 3 hrs
Testing and
CEN 4333 Advanced Database Development 3 hrs

6. Capstone Requirements
None

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
Consult Program Advisor.

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

Honor in Major
None

Related Programs
None

Certificates
None

Related Minors
Consult Program Advisor.

Advising Notes
Students may use 3 hours of internship as a part of the upper division requirements.

Transfer Notes
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 the student’s graduating term from the University of Central Florida. Students who choose 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.

Lower division courses do not substitute for upper division courses.
Orientation and advising are two of the most valuable tools that a student can use when transferring to UCF. Students should take advantage of both.

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.oceas.ucf.edu/alc/academic_learning_compacts.htm

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
http://www.cohpa.ucf.edu/crim.jus/
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
   - CJL 3510 Prosecution and Adjudication 3 hrs
   - CJ/C 3010 Corrections and Penology 3 hrs
   - CJ/E 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.oecs.ucf.edu/alacademic_learning_compacts.htm

General Business - A.S. to B.S. Track (B.S.B.A.)
College of Business Administration
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.
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
ECON 2013 Principles of Microeconomics 3 hrs
ECO 2023 Principles of Macroeconomics 3 hrs
GEB 3031 Cornerstone: Professional Skills for Business 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 Linear Algebra I 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

Second Level Core Requirements 12 hrs
- Students must take the following four (4) courses:
  ECP 4703 Managerial Economics 3 hrs
  FIN 3303 Financial Markets 3 hrs
  MAN 3503 Management of Organizations 3 hrs
  MAR 3025 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)
- 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

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.

Graduation
- None

8. Electives
- Must be outside of the College of Business (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
- 132

Honors In Major
- None

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.
- 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
- 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 prerequisite class.
- ACG X001 and X011 will substitute for ACG 2021 at UCF

Acceptable Substitutes for Transfer Courses
- None

Plan of Study
- None
Articulated A.S. Programs

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: $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 which is composed of 64 hours of course work, including at least 18 hours of transferable general education courses. 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 STA 2023 Statistical Methods I GEP

Select 1:
  ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics GEP

4. Core Requirements: Advanced Level (27 hrs)

Hospitality Management Core: 27 hrs
- HFT 3431 Hospitality Industry Managerial Accounting 3 hrs
- HFT 3540 Guest Services Management I 3 hrs
- HFT 4286 Hospitality Communications 3 hrs
- HFT 4295 Leadership and Strategic Management in Hospitality Industry 3 hrs
- HFT 4464 Hospitality Industry Finance 3 hrs
- HFT 4944 Internship III 1 hr

Select 3: 9 hrs
- 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
1 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 the 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:

Select 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 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
- HFT 4866C Exploring Wines of the World 3 hrs
- HFT 4894 International Gastronomy 3 hrs
- HFT 4933 Distinguished Lectures in Hospitality Management 1 hr
- HFT 4615 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 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
- HFT 4933 Distinguished Lectures in Hospitality Management 1 hr

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

UNIVERSITY OF CENTRAL FLORIDA
Undergraduate Catalog 2014-2015
**Articulated A.S. Programs**

<table>
<thead>
<tr>
<th>Golf and Club Management Track</th>
<th>15 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 3353 Golf Planning &amp; Operations I or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3354 Agronomy for Golf Course Management or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3355 Golf Planning &amp; Operations II or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3357 Golf &amp; Club Event Operations or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 3384 Golf and Club Enterprises Management or</td>
<td>3 hrs</td>
</tr>
<tr>
<td>HFT 4358 Golf &amp; Club Facility Design</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### 6. Capstone Requirements
- None

### 7. Foreign Language Requirements
- 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.

<table>
<thead>
<tr>
<th>Acceptable Substitutes for Transfer Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT 2401 Hospitality Industry Financial Accounting</td>
</tr>
<tr>
<td>may be substituted with: ACG X001</td>
</tr>
<tr>
<td>HFT 2401 Hospitality Industry Financial Accounting</td>
</tr>
<tr>
<td>may be substituted with: ACG X011</td>
</tr>
</tbody>
</table>

### Plan of Study

#### Junior Year - Fall
- 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
- 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 |

#### Junior Year - Summer
- HFT 4941 Internship II | 1 hr |
- Sectoral Studies | 3 hrs |
- Hospitality Restricted Elective | 3 hrs |

#### Senior Year - Fall
- HFT 4464 Hospitality Industry Finance | 3 hrs |
- HFT 4286 Hospitality Communications | 3 hrs |
- HFT 4944 Internship III | 1 hr |
- Sectoral Studies | 3 hrs |
- Hospitality Restricted Elective | 3 hrs |

#### Senior Year - Spring
- 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](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 Coviell, 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 SOW 3104 Assessing I: Human Development or 3 hrs
- Required DEP 2004C Developmental 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: 3 hrs
- STA 2014C Principles of Statistics or
- STA 2023 Statistical Methods I 3 hrs

Select 1: 3 hrs
- SOW 3104 Assessing I: Human Development or
- DEP 2004C Developmental Psychology 3 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or
- SYG 2000 Introduction to Sociology 3 hrs

1. UCF General Education Program (GEP) (36 hrs)
- CHM 1032 General Chemistry
- HUN 3011 Human Nutrition 3 hrs
- MCB 2040C Microbiology for Health Professionals 4 hrs
- PCB 3703C Human Physiology 4 hrs
- ZOO 3733C Human Anatomy 4 hrs

Select 1: 3 hrs
- STA 2014C Principles of Statistics or
- STA 2023 Statistical Methods I 3 hrs

Select 1: 3 hrs
- SOW 3104 Assessing I: Human Development or
- DEP 2004C Developmental Psychology 3 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or
- SYG 2000 Introduction to Sociology 3 hrs

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- CHM 1032 General Chemistry
- HUN 3011 Human Nutrition 3 hrs
- MCB 2040C Microbiology for Health Professionals 4 hrs
- PCB 3703C Human Physiology 4 hrs
- ZOO 3733C Human Anatomy 4 hrs

Select 1: 3 hrs
- STA 2014C Principles of Statistics or
- STA 2023 Statistical Methods I 3 hrs

Select 1: 3 hrs
- SOW 3104 Assessing I: Human Development or
- DEP 2004C Developmental Psychology 3 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or
- SYG 2000 Introduction to Sociology 3 hrs

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- HUN 3011 Human Nutrition 3 hrs
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- ZOO 3733C Human Anatomy 4 hrs

Select 1: 3 hrs
- STA 2014C Principles of Statistics or
- STA 2023 Statistical Methods I 3 hrs

Select 1: 3 hrs
- SOW 3104 Assessing I: Human Development or
- DEP 2004C Developmental Psychology 3 hrs

Select 1: 3 hrs
- PSY 2012 General Psychology or
- SYG 2000 Introduction to Sociology 3 hrs

3. Core Requirements: Basic Level
- None

4. Core Requirements: Advanced Level (54 hrs)

UCF Core
- NUR 3065 Dimensions of Professional Nursing Practice 3 hrs
- NUR 3065L Health Assessment 2 hrs
- NUR 3065L Health Assessment Lab 1 hr
- NUR 3165 Nursing Research 3 hrs
- NUR 3634 Community Health Nursing 3 hrs
- NUR 4637 Health Care Issues, Policy, and Economics 3 hrs
- NUR 4604L Practicum in Community and Public Health 4 hrs
- NUR 4828 Nursing Leadership, Management and Role Transition 3 hrs
- NUR 4637 Public Health Nursing 2 hrs
- NUR 3125 Pathophysiology for Nursing Practice 3 hrs

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 3755L Essentials of Nursing Practice Clinical 2 hrs
- NUR 3225L Nursing Care of the Adult I: Clinical Practice 2 hrs
- NUR 3445L Nursing Care of Families 3 hrs
- NUR 3445L Nursing Care of Families Clinical 2 hrs
- NUR 4227L Nursing Care of the Adult II 4 hrs
- NUR 4227L Nursing Care of the Adult II: Clinical Practice 3 hrs
- NUR 4535L Psychiatric Mental Health Nursing 3 hrs
- NUR 4535L Psychiatric Mental Health Clinical 2 hrs
- NUR 3225L Nursing Care of the Adult I 3 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 enrollment in NUR 3634.

Graduation
- None

8. Electives
- "on demand" for continuation in the program.

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
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.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees
- Part-Time Student: $25 per term
- Full-Time Student: $50 per term
COMMON COURSE NUMBERING SYSTEM

Classification of Courses
The University course numbering system is as follows:

0-999. Sub-collegiate level and not counted in meeting degree requirements.

1000-2999. Freshman- and sophomore-level courses and are designed primarily for these students.

3000-4999. Junior- and senior-level courses (Upper-division). These courses contain advanced undergraduate level material and are designed primarily for undergraduate juniors and seniors.

5000-5999. Beginning graduate and advanced undergraduate level courses. These courses provide more advanced material than 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 the 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 transfers 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</th>
<th>Century Digit</th>
<th>Decade Digit</th>
<th>Unit Digit</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>No Laboratory component in this course</td>
</tr>
<tr>
<td>English Composition</td>
<td>Lower (Freshman)</td>
<td>Level at this institution</td>
<td>Freshman Composition</td>
<td>Freshman Composition Skills</td>
<td>Freshman Composition Skills I</td>
</tr>
</tbody>
</table>

UNIVERSITY OF CENTRAL FLORIDA
434 Undergraduate Catalog 2014-2015
Common Course Numbering System

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 (academy 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, 407-823-2691 or to the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32303-0400. Special reports and technical information may be requested by calling the SCNS office at 850-245-0427 or at http://scns.fldoe.org.

ABE Agricultural and Biological Engineering
ABT Arabic Culture in Translation or Translation Skills
ABW Arabic Literature (Writings)
ACG Accounting: General
ACO Accounting: Occupational/Technical Variable Paced
ACR HVAC: Heating/Ventilation/AC/Refrigeration: Tech/Trades
ADE Adult Education
ADV Advertising
AEB Agricultural Economics and Business
AEC Agricultural Education and Communication
AEG Agricultural and Extension Education
AER Automotive Mechanics
AFA African-American Studies
AFH African History
AFR Aerospace Studies
AFS African Studies
AGE Agricultural Engineering
AGG Agriculture - General
AGR Agronomy
AHM Amharic Language
AHT Amharic Culture in Translation or Translation Skills
AHW Amharic Literature (Writings)
AKA Akan Language
AKT Akan Culture in Translation or Translation Skills
AKW Akan Literature (Writings)
ALS Agriculture and Life Sciences
AMH American History
AML American Literature
AMS American Studies
AMT Aviation Maintenance Technology
ANG Anthropology--Graduate
ANS Animal Science
ANT Anthropology
AOA Agricultural Operations Management
APA Applied Accounting
APK Applied Kinesiology
ARA Arabic Language
ARC Architecture
ARD Architectural Design
ARE Art Education
ARH Art History
ARR Autobody Repair and Refinishing
ART Art
ARV Art, Vocational
ASC Aviation Science: General
ASG Animal Science: General
ASH Asian History
ASL American Sign Language
ASN Asian Studies
AST Astronomy
ATE Animal Science Technology
ATF Aviation Technology: Flight
ATR Athletic Studies
ATT Aviation Technology: Theory
AVM Aviation Management
AVS Avionics
AYM Aymara Language
BAN Commercial Banking (AIB Courses Only)
BCA Building Construction Apprenticeships
BCC Basic Clinical Clerkships (Required)
BCOH Biochemistry (Biophysics)
BCN Building Construction
BCT Building Construction Trades
BCV Building Construction: Vocational
BME Biomedical Engineering
BMS Basic Medical Sciences
BOT Botany
BRC Banking Related Courses (Not AIB or IFE)
BSC Biological Sciences
BTE Business Teacher Education
BUL Business Law
CAL Computer Applications
CAS Clinical Audiology and Speech Language Pathology (See SPA)
CAT Catalian Language
CBH Comparative Psychology and Animal Behavior
CCE Civil Construction Engineering
CCJ Criminology and Criminal Justice
CDA Computer Design/Architecture
CEB Civil Geotechnical Engineering
CEN Computer Software Engineering
CES Civil Engineering Structures
CET Computer Engineering Technology
CGN Civil Engineering
CGS Computer General Studies
CHD Home Economics: Child Development
CHI Chinese
CHM Chemistry
CHP Chiropractic
CHS Chemistry - Specialized
CHT Chinese Culture in Translation or Translation Skills
CHW Chinese Literature (Writings)
CIS Computer Science and Information Systems
CJB College Level Application in Criminal Justice
CJC Corrections
CJD Criminal Justice Development
CLE Law Enforcement
CJI Juvenile Justice
CJL Criminal Justice Basic Training
CLL Law & Process
CLT Criminal Justice Technologies
CLU Classical and Ancient Studies
CLP Clinical Psychology
CLT Classical Culture in Translation or Translation Skills
CMA Corporate Media Communication
CMM Creek/Muskogee/Mikasuki
CNT Computer Networks
COA Home Economics: Consumer Affairs
COE Cooperative Education
COM Communication
COP Computer Programming
COS Cosmology
COT Computing Theory
CPO Comparative Politics
CPS Comparative Policy Studies (Multinational)
CTP Cardiopulmonary Technology - See CVT
CRE Creative Writing
CSP Cosmology - Specialized
CSR Comparative Studies
CTE Home Economics: Clothing and Textiles
CTS Computer Technology and Skills
CTV Cardiovascular Technology
CWR Civil Water Resources
CPY Community Psychology
CZC Car Language
CZT Czech Culture in Translation or Translation Skills
CZW Czech Literature (Writings)
CDA Dance, Emphasis On Activity
DAE Dance Education
DAN Dance
DAS Dance
DCP Design, Construction and Planning
DEA Dental Assisting
DEC Marketing and Distributive Education
DEH Dental Hygiene
DEM Demography
DEN Dentistry
DEP Developmental Psychology
DEA Dental Support
DIE Dietetics
DIG Digital Media
DIM Diesel, Hybrid, and Alternative Fuel Technology
DSC Domestic Security
DTE Dental Laboratory Technology
DUT Dutch Language
EAB Experimental Analysis Of Behavior
EAP English As A Second Language
EAS Aerospace Engineering
EBD Education: Emotional/Behavioral Disorders
ECH Engineering: Chemical
ECM Engineering: Computer Math
ECO Economics
ECP Economic Problems & Policy
ECS Economic Systems & Development
ECT Education: Career/Technical
ECW Education: Career/Workforce
EDA Educational Administration
EDE Education: Elementary
EFD Education: Foundations and Policy Studies
EDG Education: General
Common Course Numbering System

<table>
<thead>
<tr>
<th>Course Number</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>EEC</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>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</td>
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<tr>
<td>EGC</td>
<td>Counselor Education</td>
</tr>
<tr>
<td>EGI</td>
<td>Education: Gifted</td>
</tr>
<tr>
<td>EGK</td>
<td>Engineering Science</td>
</tr>
<tr>
<td>EGQ</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>
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<tr>
<td>ELD</td>
<td>Education: Specific Learning Disabilities</td>
</tr>
<tr>
<td>ELM</td>
<td>Education: Mental Retardation</td>
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<tr>
<td>EMS</td>
<td>Emergency Medical Services</td>
</tr>
<tr>
<td>ENC</td>
<td>English Composition</td>
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<tr>
<td>ENG</td>
<td>English - General</td>
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<tr>
<td>ENS</td>
<td>English for Non-Native Speakers (College Lvl) Disc. - See EAP</td>
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<tr>
<td>ENT</td>
<td>Entrepreneurship</td>
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<tr>
<td>ENS</td>
<td>Emergency Medical Services</td>
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<td>ENV</td>
<td>Engineering: Environmental</td>
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<td>ENY</td>
<td>Entomology</td>
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<tr>
<td>EOC</td>
<td>Ocean Engineering</td>
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<tr>
<td>EPH</td>
<td>Education: Physical &amp; Multiple Disabilities</td>
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<tr>
<td>ERP</td>
<td>Education: Physical &amp; Multiple Handicapped - See EPH</td>
</tr>
<tr>
<td>EPS</td>
<td>Education: Preparation Institutes</td>
</tr>
<tr>
<td>ESC</td>
<td>Earth Science</td>
</tr>
<tr>
<td>ESE</td>
<td>Education: Secondary</td>
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<tr>
<td>ESL</td>
<td>Industrial/Systems Engineering</td>
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<tr>
<td>ESL</td>
<td>College-Prep English for Non-Native Speakers (Disc. - See TSL)</td>
</tr>
<tr>
<td>EST</td>
<td>Electronic Specialty Technology (To Be Disc. 8/1/2012)</td>
</tr>
<tr>
<td>ETC</td>
<td>Engineering Technology: Civil</td>
</tr>
<tr>
<td>ETD</td>
<td>Engineering Technology: Drafting</td>
</tr>
<tr>
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Common Course Numbering System

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 5937
Special Topics/Seminars 1931, 2930, 3930, 4932, 5944
*Internship, Practicums, Clinical Pract 3940, 4941 5944
Cooperative Education 1949, 2949, 3949, 4949 5949
Honors Undergraduate Thesis 3970H, 4970H 5970H
Honors Directed Reading 4903H 5907
Honors Directed Reading 4904H 5907
Study Abroad 4955 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):

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<td>RCHM</td>
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<td>UGST</td>
<td>Undergrad/Interdisc Studies</td>
<td>INTERDISC</td>
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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.

AGC 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.

AGC 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 AGC 2021 with honors level content. Occasional.

AGC 2071 BA-ACCT 3(3,0) Principles of Managerial Accounting: PR AGC 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.

AGC 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.

AGC 3131 BA-ACCT 3(3,0) Intermediate Financial Accounting I: PR: Junior standing, Accounting major or minor, and AGC 2021 and AGC 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.

AGC 3141 BA-ACCT 3(3,0) Intermediate Financial Accounting II: PR: Accounting major or minor, AGC 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.

AGC 3361 BA-ACCT 3(3,0) Cost Accounting I: PR: Junior standing, Accounting major or minor, and MAC 1105C, ECO 2015, ECO 2023, AGC 2071, each 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.

AGC 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 AGC 3131. Application of financial accounting for governmental and nonprofit organizations. Fall, Spring.

AGC 4252 BA-ACCT 3(3,0) International Financial and Managerial Accounting: PR: Accounting major or minor, AGC 2021, AGC 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.

AGC 4284 BA-ACCT 3(3,0) Financial Reporting for Consolidated Entities: PR: AGC 3141 with a "C" (2.0) or better. Financial reporting practices and issues related to consolidated entities including translation of foreign financial statements. Occasional.

AGC 4401C BA-ACCT 3(3,1) Accounting Information Systems: PR: Accounting major or minor, AGC 3131 and CJS 2100C, each with a grade of "C" (2.0) or better. Manual and computer-based accounting information systems. Fall, Spring.

AGC 4651 BA-ACCT 3(3,0) Auditing: PR: Accounting major or minor, AGC 3141 and AGC 4401C, each with a grade of "C" (2.0) or better. The standards, practices, and procedures followed in the audit function. Fall, Spring.

AGC 4671 BA-ACCT 3(3,0) Internal Auditing: PR: Accounting major or minor, AGC 3131 or AGC 3361, with a grade of "C" (2.0) or better. Theory and practice of internal auditing and the use of internal auditing in organizational control. Fall, Spring.

AGC 4803 BA-ACCT 3(3,0) Advanced Issues in Financial Accounting: PR: Accounting major and "C" (2.0) or better in AGC 3141, ACG 3361, and AGC 3501. Advanced issues in financial accounting, including consolidations and IFRS. Fall, Spring.

ADE 4382 ED-CFCF 3(3,0) Teaching Adult Learners in Technical Programs: PR: ECT 3365 or C.I. Planning for and teaching of adult learners in formal & informal technical settings. Fall.

ADV 3008 COS-COMM 3(3,0) Principles of Advertising: PR: SPC 1608, or SPC 1630C, or COM 1000. Overview of the field of advertising; purposes and techniques, the role of agencies, advertisers and the media. Fall, Spring.

ADV 3912 COS-COMM 3(3,0) Collaborative Experimental 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 first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times. Occasional.

ADV 4101 COS-COMM 3(3,0) Advertising Copywriting: PR: Ad-PR majors only and ADV 3008 and PUR 4002. Advertising copywriting teaches the development of creative strategies for advertising and emphasizes writing for various ad media. Fall, Spring.

ADV 4103 COS-COMM 3(3,0) Radio-Television Advertising: PR: R-TV or Ad-PR Majors or Mass Comm. minors only and ADV 3008 or C.I. Radio and television advertising sales, including interpretation of rate structures, program audiences, and creative approaches to sponsor needs. Fall, Spring.

ADV 4300 COS-COMM 3(3,0) Advertising Media Planning: PR: ADV 3008 and Ad-PR major. Media planning and buying, including basic media terms, calculations, and resources. Fall.


AFA 3000 CAH-AS 3(3,0) The African Diaspora: Theories and Movements: PR: ENC 1102. Provides a broad understanding of the cultural, social, and political experiences that define the African Diaspora. Fall.

AFA 3102 CAH-AS 3(3,0) Introduction to African Studies: A Multidisciplinary Approach: PR: ENC 1102. Key issues and methodologies in African Studies featuring presentations by representative faculty from various disciplines. Fall, Spring.

AFA 3104 CAH-AS 3(3,0) The Black Intellectual Experience: PR: ENC 1102. Interdisciplinary examination of major texts, theories, practices and philosophic foundations in Black intellectual and cultural history. Fall, Spring.

AFA 3244 CAH-AS 3(3,0) Africana Social & Cultural Movements: PR: ENC 1102 Analytical look at the role cultural arts played in the emancipation and civil rights efforts that followed the trans-Atlantic slave trade. Occasional.

AFA 3371 CAH-AS 3(3,0) Evolution of Hip Hop: PR: ENC 1102 or C.I. An historical analysis of Hip Hop from its African roots to the present with emphasis on the socio-political implications of this phenomenon. Occasional.

AFA 3420 CAH-AS 3(3,0) Malcolm X, Black Nationalism, and Internationalism: PR: ENC 1102 or C.I Comprehensive analysis of the sociopolitical thought of Malcolm X and its impact on Africana political struggles. Fall.

AFA 3850 CAH-AS 3(3,0) Researching Africana Heritage and Life: PR: ENC 1102 or C.I. Principles and processes of researching contributions of traditional African people and communities. Occasional.

AFA 3955 CAH-AS 6(6,0) Study Abroad in Eastern Caribbean: PR: ENC 1102 or C.I. Interdisciplinary study abroad program focuses on the arts and humanities of African diasporic cultures in the Eastern Caribbean. Occasional.

AFA 4105 CAH-AS 3(3,0) Documenting Africana Heritage and Life: PR: ENC 1102 or C.I. Principles and research in the process of documenting Africana heritage and life. Occasional.


AFA 5930 CAH-AS 3(3,0) Topics in African American Studies: PR: Graduate standing or senior standing or C.I. This interdisciplinary seminar uses primary texts to examine the impact of black culture, aesthetic and philosophical ideas on 20th century American society. Occasional.

AFH 3100 CAH-HIST 3(3,0) African History to 1870: PR: C.I. Sub-Saharan African institutions and peoples from the earliest time until 1870. Occasional.

AFH 3200 CAH-HIST 3(3,0) African History Since 1870: PR: C.I. Sub-Saharan African history from 1870 to the present. Occasional.

AFH 5259 CAH-HIST 3(3,0) Colloquium in African History: PR: Graduate standing or C.I. Readings on selected topics in African History. May be used in the degree program a maximum of 3 times. Odd Fall.

AFH 5806 CAH-HIST 3(3,0) The Historiography of Slavery in Africa: PR: Graduate standing or senior standing or C.I. Course covers the central issues and controversies in the historiography of slavery in Africa. Occasional.
AMH 3403 CAH-HIST 3(3,0)
History of the South Since 1865: PR: AMH 2010 and AMH 2020, or C.I. Reconstruct the "solid South" and the racial dilemma, progressivism for whites and the southern literature, 20th-century economic, political and social changes, and the new Reconstruction. Occasional.

AMH 3422 CAH-HIST 3(3,0)

AMH 3425 CAH-HIST 3(3,0)

AMH 3441 CAH-HIST 3(3,0)
History of the Frontier: Eastern America: PR: AMH 10 and AMH 2020 or C.I. The progression of the westward movement from the colonial settlements to the Mississippi, considered as an interpretive approach to American history. Occasional.

AMH 3442 CAH-HIST 3(3,0)
History of the Frontier: Western America: PR: AMH 10 and AMH 2020, or C.I. The development of the trans-Mississippi West and its impact upon American history. Occasional.

AMH 3541 CAH-HIST 3(3,0)
U.S. Military History To 1900: PR: AMH 10 and AMH 2020, or C.I. U.S. military history from the colonial period to 1900 focusing on the creation of American military institutions, conduct of war, and influence on society. Occasional.

AMH 3547 CAH-HIST 3(3,0)
U.S. Military History Since 1900: PR: AMH 10 and AMH 2020, or C.I. U.S. military history since 1900 emphasizing civil-military relations, warfare, and military developments. Occasional.

AMH 3558 CAH-HIST 3(3,0)

AMH 3651 CAH-HIST 3(3,0)

AMH 3652 CAH-HIST 3(3,0)

AMH 3571 CAH-HIST 3(3,0)

AMH 3572 CAH-HIST 3(3,0)

AMH 3580 CAH-HIST 3(3,0)

AMH 3586 CAH-HIST 3(3,0)

AMH 3610 CAH-HIST 3(3,0)
UCF Courses and Descriptions

ANG 5100 COS-ANTHRO 3(3,0)
Archaeological Sciences: PR: Admission to Anthropology MA, Maya Studies GC, or C.I. Field and laboratory methods routinely used in archeology 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.

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 analysis, 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. Offered: 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. Ongosis and contemporary ramifications of underdevelopment, and empowerment 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, assessment 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 field 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. Offered: 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 1(0,1)
Physical Anthropology Lab: PR: or C.R. ANT 2511 or C.I. General overview of physical anthropology laboratory methods. Offered: 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: ANT 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: ANT 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 (3200 BCE-AD 300). Spring.

ANT 3152 COS-ANTHRO 3(3,0)
Indians of the Southwest: PR: ANT 2000 or C.I. Native American culture types of the southwest: Navajo, Pueblo (Zuni, Hopi, Tewa), Apache (Lyman, Mescalem), 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 Anthropological 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: ANT 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 Hispanic 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, geographical, historical, and contemporary ethnological sources. Spring.

ANT 3165 COS-ANTHRO 3(3,0)
Archaeology of South America: PR: ANT 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)
Mesa Archaeology: PR: Sophomore standing. An examination of the Preliminary 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: ANT 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 3393 COS-ANTHRO 3(3,0) American Indian Literature and Culture in Florida: PR: ENC 1102. Literature about the Apalachee, Timucua, Tocobaga, Calusa and Acre tribes in Florida, examining various issues through oral tales and legends, treaties, 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 borders; 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 Exuma 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. Culture 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 preserve the body 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 2140 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 2140, CHS 3501, any 4000 level Criminal Justice course, or C.I. Methods and instrumentation routinely used in archaeology and forensic anthropology. Spring.

ANT 4184 COS-ANTHRO 3(3,0) Mortuary Archaeology: PR: ANT 2000, or ANT 2140, 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 Fall.


ANT 4303 COS-ANTHRO 3(3,0) Anthropology of Tourism: PR: ANT 2014, 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. Occasional.

ANT 4332 COS-ANTHRO 3(3,0) Peoples and Cultures of Latin America: PR: One of the following; ANT 2000, SYG 2000, PYSY 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, or 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 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: ANT 2000, or ANT 2140, ANT 2511, or 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 4(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 Miocone 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 Anthropological Fieldwork: PR: Admission to Anthropology major or permission of instructor. Supervised archaeological fieldwork. Spring.

APK 3132 ED-EHDS 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 3400 COS-PSYCH 3(3,0) Sport and Psychology: PR: PSY 2012. A review of principles of psychology related to the enhancement of satisfaction and performance in sports. Occasional.

APK 4110C ED-EHDS 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: PR: ARA 1121C or C.I. Development of language skills and cultural knowledge at the intermediate level. Occasional.
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<th>Course Code</th>
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<th>Notes</th>
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<tbody>
<tr>
<td>ARA 2201</td>
<td>CAH-LANG Intermediate Arabic II: PR: ARA 2200 or equivalent or C.I.</td>
<td>3(3,0)</td>
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<td>or Continuation of ARA 2200 with emphasis on Arabic cultures. Fall. Spring.</td>
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<td>ARC 3181</td>
<td>CAH-SVAD Advanced Topics in Digital Architecture: PR: Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I.</td>
<td>3(3,0)</td>
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<td>Continued investigation of computer-aided design programs currently utilized by professional practices. Odd Spring.</td>
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<td>ARC 3270</td>
<td>CAH-SVAD Professional Practice in Architecture: PR: ARC 3320L or C.I. Professional architecture practices in conjunction with supervised experiences at local, central Florida firms. Occasional.</td>
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<tr>
<td>ARC 3310C</td>
<td>CAH-SVAD 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.</td>
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<td>ARC 3320L</td>
<td>CAH-SVAD 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.</td>
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<tr>
<td>ARC 3320L</td>
<td>CAH-SVAD Architectural Design 6: PR: ARC 3320L. Architectural design at the large scale urban context. Theory, methodology, and evolution of urban form in response to social, cultural, economic and technological forces. Odd Spring.</td>
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<td>ARC 3463</td>
<td>CAH-SVAD Materials and Methods of Construction 2: CR: ARC 4322L. Methods of assembling and selecting materials; detailed systems of construction will be investigated. Even Spring.</td>
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<td>ARC 3503</td>
<td>CAH-SVAD Architectural Structures: PR: Completion of Articulated Art-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.</td>
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<td>ARC 3610</td>
<td>CAH-SVAD Environmental Technology 1: CR: ARC 3321L. Principles and practices relating to control of the thermal atmospheric environment and plumbing in buildings. Odd Spring.</td>
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<td>ARC 3743</td>
<td>CAH-SVAD 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.</td>
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<tr>
<td>ARC 4220</td>
<td>CAH-SVAD 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.</td>
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<tr>
<td>ARC 4220L</td>
<td>CAH-SVAD Architectural Design 7: PR: ARC 3322L. 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.</td>
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<tr>
<td>ARC 4232L</td>
<td>CAH-SVAD Architectural Design 8: PR: ARC 4322L. Architecture designs focus on architectural detail and articulation. An investigation of the Hispanic provides the context for this study. Even Spring.</td>
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<tr>
<td>ARE 2000</td>
<td>ED-TL&amp;L Early Childhood Art and Creativity: An examination of developmental patterns in children’s artistic behaviors and appropriate instructional strategies to be implemented. Occasional. M&amp;S fee $5.00</td>
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<td>ARE 3935</td>
<td>CAH-SVAD 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. Occasional.</td>
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<tr>
<td>ARE 3944</td>
<td>CAH-SVAD Community Arts Practicum: PR: C.I. A supervised experience for students to facilitate art programming in a variety of community settings. Occasional.</td>
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<td>ARE 4250</td>
<td>ED-TL&amp;L 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.</td>
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<td>ARE 4351</td>
<td>ED-TL&amp;L Teaching Art in the Secondary School: PR: EDG 4410 and EDF 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. Fall. M&amp;S fee $5.00</td>
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<tr>
<td>ARE 4352</td>
<td>ED-TL&amp;L Teaching Art in the Secondary School: PR: EDG 4410 and EDF 4467. Transition from university art studio practices to High School Teaching of art. Organizing, designing and analyzing art experiences and activities appropriate for junior high and high school children. Examination of teaching methodology relative to the high school and junior high school settings. Spring. M&amp;S fee $5.00</td>
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<tr>
<td>ARE 4356</td>
<td>ED-TL&amp;L Teaching Art Appreciation &amp; Criticism in the Classroom: PR: ARH 2650 and ARH 2651. 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&amp;S fee $8.00</td>
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<td>ARE 4453</td>
<td>ED-TL&amp;L 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&amp;S fee $5.00</td>
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<tr>
<td>ARE 5255</td>
<td>ED-TL&amp;L Arts in Recreation: Art activities and experiences appropriate for use in playground, leisure services, occupational orientation and other recreational areas. Occasional.</td>
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<td>ARE 5359</td>
<td>ED-TL&amp;L 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&amp;S fee $5.00</td>
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<tr>
<td>ARE 5454</td>
<td>ED-TL&amp;L 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&amp;S fee $5.00</td>
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<tr>
<td>ARE 5648</td>
<td>ED-TL&amp;L Contemporary Visual Arts Education: PR: Graduate standing or C.I. Continued study of current programs and innovations in public school Visual Arts Programs. Occasional.</td>
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<td>ARH 2050</td>
<td>CAH-SVAD History of Western Art I: Painting, sculpture and architecture from the Prehistoric Era through the Renaissance. Fall.</td>
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<tr>
<td>ARH 2050H</td>
<td>CAH-SVAD 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.</td>
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<td>ARH 2051</td>
<td>CAH-SVAD History of Western Art II: Painting, sculpture and architecture from the Baroque through the 20th century. Spring.</td>
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<tr>
<td>ARH 2051H</td>
<td>CAH-SVAD 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.</td>
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<tr>
<td>ARH 2500</td>
<td>CAH-SVAD History of Non-Western Art: Major visual arts in various non-Western cultures. Fall-Spring.</td>
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<td>ARH 3471</td>
<td>CAH-SVAD 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.</td>
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<td>ARH 3610</td>
<td>CAH-SVAD 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.</td>
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<td>ARH 3670</td>
<td>CAH-SVAD 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.</td>
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<td>ARH 3673</td>
<td>CAH-SVAD 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.</td>
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<td>ARH 3683</td>
<td>CAH-SVAD 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.</td>
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<td>ARH 3710</td>
<td>CAH-SVAD History of Photography I: PR: Junior Standing or C.I. History of all photography, from its earliest inception to 1900. The content of this course is designed for art majors. Occasional.</td>
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ART 3079C CAH-SVAD 3(2,4)

ART 3737C CAH-SVAD 3(2,4)
Narrative Sculpture: PR: ART 2201C, ART 2203C, ART 2300C, and ART 2301C. Aesthetics of sculpture incorporating narrative content and referencing historical content. May be repeated for credit. Occasional.

ART 3761C CAH-SVAD 3(2,4)

ART 3764C CAH-SVAD 3(2,4)
Ceramic Handbuilding I: PR: Junior standing. Application of a variety of ceramic handbuilding procedures, including design, glaze application and firing process. Occasional. M&S fee $35.00

ART 3824 CAH-SVAD 3(3,0)

ART 3833C CAH-SVAD 3(2,4)

ART 3833C CAH-SVAD 3(4,2)
Processes and Ideas in Art: PR: Junior Standing. This course emphasizes the development of individual creativity and the generation of new insights concerning artistic expression. These "formative activities" must be manifested by students in the form of small sculptures and/or other forms of creativity. Occasional.

ART 3950 CAH-SVAD 0(0,0)

ART 3951C CAH-SVAD 3(2,4)
Design Intensive: PR: Any 2000 level Art History. Interdisciplinary design course emphasizing visual literacy skills and finished design projects with real world clients. Course includes two and three dimensional design content. Occasional.

ART 4172C CAH-SVAD 3(2,4)

ART 4173C CAH-SVAD 3(2,4)

ART 4174C CAH-SVAD 3(2,4)

ART 4177C CAH-SVAD 3(2,4)
Commercial Book Design and Publishing: PR: ART 2823 and Junior standing or C.I. Analysis of art and design elements and their interpretation from a historical perspective. Occasional.

ART 4226C CAH-SVAD 3(3,3)
ASH 4304 CAH-HIST 3(3,0) Women in China: PR: AMH 2010 and AMH 2020, or EUH 2001, or EUH 2001, or EUH 2012 and EUH 2022. 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 C.I. History and culture of South Asia from prehistory to the end of the British Raj. Occasional.

ASH 4383 CAH-HIST 3(3,0) 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. This course examines the history of 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. This course examines 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 development of 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 and grammar through workbook level. Conceptual basis of ASL discussed. Occasional.


AST 4201 HPA-COM SC&DIS 4(4,0) American Sign Language IV: Chemical, mineralogical and orbital characteristics of Asteroids, Comets and Meteorites, with an emphasis on the origin of our solar system. Odd Spring.

AST 5202H 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. Fall, Spring.

AST 2002 COS-PHYS 3(3,0) Astronomy: PR: High school algebra or MAC 1105C. 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 extrasolar 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 2053. Interdisciplinary approach to the dynamics of the Solar System through application of Physics, Atmospheric Science, Chemistry and Geology. Even Fall.


AST 3402 COS-PHYS 3(3,0) Galaxies and Cosmology: PR: AST 2002 and PHY 2048C. 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) Comets, Asteroids, 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 4700 COS-PHYS 3(3,0) Experimental Methods in Astronomy: PR: AST 2002, PHY 2488, 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(1,1) Astronomical Data Analysis: PR: MAC 2313, statistics, and 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 physical, chemical, mineralogical, and orbital characteristics of Asteroids, Comets and Meteorites, with an 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 Ph.D. or C.I. The physics of 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.

AST 5263 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 physical and chemical processes that govern the behavior of the atmosphere of Earth and the other planets. Even Spring.

AST 5334 COS-PHYS 3(3,0) Extrasolar Planets and Brown Dwarfs: PR: Physics Physics MS or Ph.D., 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 3(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/bulk 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 3(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 upper extremity/bulk muscle, tendon, 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, or参谋 Units, and Physical Training majors only or C.I. Athletic training principles including injury recognition, emergency care, bloodborne pathogens, rehabilitation and prevention. Occasional.


ATR 3204C HPA-HP 3(2,1) Lower Extremity Function and Measurement: PR: ZOO 3733C or ZOO 3736C. Lower extremity functional anatomy, manual muscle testing and goniometry. Fall.

University of Central Florida
UCF Courses and Descriptions

**ATR 3212C** HPA-HP 3(2,2) Recognition and Evaluation of Athletic Injuries I: PR: ATR 3102. Recognition and evaluation skills which allow the determination and management of the extent and severity of injury/illness assessment of the lower extremity and spine and provide immediate management. Fail.

**ATR 3312C** HPA-HP 3(2,1) Injury, Management, and Rehabilitation: PR: ZOC 313C or ZOC 371C, 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. Fail, Spring.

**ATR 3822L** HPA-HP 4(0,16) Practicum in Athletic Training II: PR: ATR 3812L. Completion of clinical practicum under direct supervision of certified athletic trainer. Fail, Spring.

**ATR 4014C** HPA-HP 3(2,2) Principles of Athletic Training Lab: CR: ATR 4313C. Principles and techniques for applying 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 and PR: ATR 4832L. 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 3736C 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. Fail, Spring.

**ATR 4213C** HPA-HP 3(2,2) Recognition and Evaluation of Athletic Injuries: PR: ATR 3102, ATR 3103 and C.I. Advanced knowledge, skills and techniques that the certified athletic trainer must perform during rehabilitation of injuries. Fail. 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. Fail, 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. Fail, 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 2010C or C.I. The application of medical knowledge to sport with the emphasis on preserving the health of an athlete before, during and after performance. Occasional.


**BCH 4053H** COS-CHEM 3(3,0) Honors Biochemistry I: PR: CHM 2211 and consent of Honors. A laboratory course stressing the application of the chemical arts to the separation, identification, and quantification of materials of biological significance. M&S fee $70.00.

**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. M&S fee $70.00.

**BME 3211** ECS-MECH/AERO 3(3,0) Engineering Biomechanics: PR: ENG 3310 and (EGN 3231 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 for Instrumentation for Clinical Application: PR: General Graduate 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. The application of nanotechnology to medicine; history of herbal medicine and alternative medicinal practices around the world. Even Fall.

**BOT 3018C** COS-BIOL 3(3,0) Local Flora: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. A field-based course during and after performance. Even Fall.

**BOT 3152C** COS-BIOL 3(4,4) Local Flora: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Human Physiology, Biomechanics and Neurons, Nanoelectronics for fabrication of biophics for human biomedical applications, self-assembly, bioelectronics, moral and ethical issues. Spring.

**BOT 3802** COS-BIOL 3(3,0) Ethnobotany: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Historical and modern uses of plants economically important in various cultures. Spring.


**BOT 4303C** COS-BIOL 5(3,6) Plant Kingdom: PR: BOT 3802 or C.I. A survey of the plant kingdom utilizing comparative morphology, structure and functions to demonstrate relationships among extant and extinct forms. Occasional. M&S fee $40.00.

**BOT 4434C** COM-BBS 4(3,1) General Mycology: PR: BSC 2010C, MCB 3020C or BSC 2011C. This course is a survey of the Kingdom Fungi covering the major topics of fungal diversity, RSC structure, genetics, physiology, practical applications and pathogenicity. Occasional. M&S fee $42.00.

**BOT 4503** COS-BIOL 3(3,0) Plant Physiology: PR: A "C" (2.0) or better in PCB 3023 or C.I. A study of mechanisms used by plants to cope with environmental challenges. Occasional.


**BOT 4850** COS-BIOL 3(3,0) Medicinal Botany: PR: PCB 3522 or a "C" (2.0) or better in PCB 3023, or C.I. The medicinal properties of plants and their role in both traditional and modern medicine; history of herbal medicine and alternative medicinal practices around the world. Even Fall.

**BSC 1005** COS-BIOL 3(3,0) Biological 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 1005L** COS-BIOL 1(0,2) Biological Principles Laboratory: CR: BSC 1005. The laboratory to accompany BSC 1005. Fall, Spring.

**BSC 1050** COS-BIOL 3(3,0) Biology and Environment: Biological implications of the interaction among human society, population, and technology in relation to the environment and natural systems. Designed for non-majors. Occasional.

**BSC 2010C** COS-BIOL 4(3,2) Biology I: PR: High school biology or C.I. Open only to students whose major requires this specific course. Cellular and chemical basis of life, genetics, and the theory of evolution. Emphasis on problem solving, analysis, synthesis of information, and applying data effectively. Fall, Spring. M&S fee $2.00.


**BSC 2011C** COS-BIOL 3(3,0) Biology II: PR: A "C" (2.0) or better in BSC 2010C 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.

**BSC 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 3312** COS-BIOL 3(3,0) Principles of Marine Biology: PR: A minimum grade of "C" (2.0) in both BSC 2010C and BSC 2011C. Provides students with a foundation in the field of marine biology using a global perspective. Even Fall.

**BSC 3402C** COS-BIOL 4(1,3) Integrative Biology: PR: BSC 2010C and BSC 2011C each with a "C" (2.0) or better, and C.I. A field-based course gathering information on natural history of various organisms in Florida, with special emphasis on scientific methods. Occasional.

**BSC 3403C** COM-BBS 4(3,4) Mosquitos Quantitative Biological Methods: PR: Consent of Honors, BSC 2010C, MCB 3020C, CHM 2046. A laboratory course which presents the concepts, modern methods, techniques and instrumentation used in quantitative biological and molecular biological experimentation. Honors level content. Fall.
BSC 3403C COM-BSBS 4(3,4)
Quantitative Biological Methods: PR: BSC 2010C and PCB 3023C. A laboratory course that presents modern methods and instrumentation used in quantitative biological experimentation. Fall, Spring. M&S fee $59.00

BSC 3424 COM-BSBS 3(3,0)

BSC 3843L COS-BIOL 2(0,2)
Strategies for Biology Academic Mentoring: PR: Junior or senior standing. Review research findings, strategies for biology academic mentoring, and career advising. Graded SU. May be used in the degree program a maximum of 2 times. Occasional.

BSC 3949 COS-BIOL 0(0,8)

BSC 4312C COS-BIOL 4(3,3)
Advanced Marine Biology: PR: BSC 3312 and a “C” (2.0) or better in PCB 3044. An advanced treatment of current research and applications of marine biology, emphasizing marine biodiversity, and marine conservation through research, service-learning, and field experiences. Even Spring. M&S fee $45.00

BSC 4330 COS-BIOL 3(3,0)
Invasion Biology: PR: A “C” (2.0) or better in PCB 3044, or C.I. General principles of invasion ecology. The study of invasions of species into ecosystems as it provides insights into basic ecological and evolutionary questions. Even Spring.

BSC 4422L COS-BIOL 1-4(0,3-12)
Biological Laboratory Techniques: PR: CHM 2210 and a “C” (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.

BSC 4434 COM-BSBS 3(3,0)
Biomedical Informatics: Sequence Analysis: PR: PCB 3522 or PCB 3023 or C.I. Introduction of useful bioinformatics tools and resources on sequence analysis. Fall.

BSC 4439 COM-BSBS 3(3,0)
Biomedical Informatics: Structure Analysis: PR: PCB 3522 or PCB 3023 or C.I. Introduction of useful bioinformatics tools and resources on RNA and protein structure analysis. Spring.

BSC 4821 COS-BIOL 4(4,0)
Biogeography: PR: A “C” (2.0) or better in both PCB 3044 and PCB 4683, or C.I. Study of geographic variation in nature, ranging from past to present and from genes to ecosystems. Occasional.

BSC 4851L COS-BIOL 3(3,0)
SL Sustainability: Socially & Economically Viable Environmental Protection: PR: A “C” (2.0) or better in BSC 2010C or C.I. A service-learning course utilizing an interdisciplinary approach to developing and models and implementing programs designed to result in environmental sustainability. Occasional.

BSC 4937 COS-BIOL 2(0,2)
Instructional Experiences in Undergraduate Biology: 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.

BSC 5258L COS-BIOL 3(3,0)
Tropical Biology: Research and Conservation: 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 and ecology, integrating conservation strategies in research and communication. Occasional.

BSC 5316 COS-BIOL 3(3,0)
Marine Conservation Biology: PR: BSC 4312C Marine biology, graduate standing or C.I. Examines human impacts in marine ecosytems and how humans can become better stewards of these habitats. Odd Spring.

BSC 5332 COS-BIOL 3(3,0)
Invasion Biology: 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.

BSC 5408L COS-BIOL 3(0.9)
Advanced Biology Laboratory Techniques: 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&S fee $15.00

BSC 5418 COM-BSBS 3(3,0)
Tissue Engineering: 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.

BSC 5436 COS-BIOL 3(3,0)
Biomedical Informatics: Structure Analysis: PR: PCB 3522 or equivalent or C.I. Introduction of bioinformatics tools and resources on RNA and protein structure analysis. Fall.

BSC 5618 COS-BIOL 3(3,0)
Phylogenetic Approaches in Biological Research: PR: Admission to the Biology graduate program or C.I. A multidisciplinary approach to understanding evolutionary relationships among organisms using phylogenetic information to address important questions in biology. Even Fall.

BSC 5824 COS-BIOL 4(4,0)
Biogeography: 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&S fee $15.00

BTE 4410 ED-FCFS 3(3,0)
Course Construction in Business Education: 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 & technical student organizations. Occasional.

BUL 3130 BA-ACCT 3(3,0)
Legal and Ethical Environment of Business: PR: Completion of each course in the Business common course prerequisites with a “C” (2.0) or better Analysis of the law as a dynamic social and political institution in the business environment, including contract law, torts, and ethical consideration. Fall, Spring.

BUL 3130H BA-ACCT 3(3,0)
Honors Legal & Ethical Environment of Business: PR: Junior standing and business 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.

BUL 4540 BA-MAN 3(3,0)
Employment Law: PR: Management major or minor, marketing, human resources, and management major, or C.I. 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.

BUL 5332 BA-ACCT 3(3,0)
Advanced Business Law Topics: PR: Admission to graduate program, or Management major or minor in term of graduation, BUL 3130. Advanced business law topics including coverage of the Uniform Commercial Code, torts, commercial paper, and secured transactions. Fall, Spring.
CCJ 5931 HPA-CJ 3(3.0) Contemporary Criminal Justice Strategies: PR: Graduate standing or C.I. Graduate-level analysis of 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 Processes: 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, COT 3100 or MHI 3332 or MAC 2114. Computer 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 4786C. 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 Algorithms I: PR: COT 4210, CDA 5108. General-purpose vs. special-purpose parallel computers; arrays, message-passing; shared-memory; taxonomy; parallelization techniques; synchronization and granularity; parallel data structures; automatic program restructuring. Occasional.

CEG 4011C ECS-CECE 4(3.2) Geotechnical Engineering I: PR: EGN 3331, CWR 3201 both with a grade of "C" (2.0) or better. Engineering properties and classification of soils. Design considerations for compaction, seepage control, 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(3.2) 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

CEG 5405 ECS-CECE 3(3.0) Seepage in Soils: PR: CEG 4011C. Principles of flow through soils, flow nets, analytical solutions; seepage forces, design of filters and drainage layers; dewatering, drainage in dams, embankments, and pavement systems. Even Spring.

CEG 5700 ECS-CECE 3(3.0) Geo-Environmental Engineering: PR: CEG 4011C. Geotechnical applications to environmental problems, groundwater flow, soil contamination and groundwater contaminant transport, geosynthetics and stability of landfill design, control of contaminated sites. Occasional.

CEN 3024 ECS-ECS 3(3.0) Software Development I: PR: COP 3330 or C.I. Software development concepts are introduced in the context of hands-on project implementation. SDLC, version control, design with UML, documentation, testing, 2-es tier architecture. Spring.

CEN 4025 ECS-ECS 3(3.0) Software Development II: PR: CEN 3024 or C.I. A continuation of Software Development I with larger and more complex projects. Enterprise-level applications are covered including distributed and web-based systems using n-tier architecture. Fall.
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 architecture, choosing appropriate technologies, and evaluating results. Fall.

CET 4749  ECS-ECS  3(3,0)

CGN 3501C  ECS-ECE  3(3,2)
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-ECE  4(3,2)
Civil Engineering Measurements: PR: CET 2312 and PHY 2404C 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-ECE  3(2,2)
Capstone Design: PR: "C" (2.0) or better. This course is the capstone design course in a previous ECE 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-ECE  3(3,2)
Asphalt Concrete Mix Design: PR: ECE 4011C. Properties of asphalt, aggregate and asphalt mixtures, Marshall mix design, Hveem mix design, pavement rehabilitation. Occasional.

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)

CGS 2545C  ECS-ECE  3(2,1)
Database Concepts: PR: COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Entity-relation model, relational database management systems, normal forms, performance or databases, report generation. Fall, Spring.

CGS 2585C  ECS-ECE  3(2,1)
Desktop/Internet Publishing: PR: COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Principles and techniques of page layout and formatting for documents and newsletters, presentation techniques, construction of web pages and design of integrated websites. Occasional.

CGS 3175  ECS-ECE  3(3,0)
Internet Applications: PR: COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. HTML coding, using images, sound and animation, advanced text formatting, forms and CSS 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#, C++) with a grade of "C" (2.0) or better. CPU organization, current computer architectures, 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#, C++) with a grade of "C" (2.0) or better. Memory management, operating system structures, concept of processes, CPU scheduling, security issues, client server paradigms, and computer supported workgroups. Occasional.

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: Designed to initiate the student to the major language skills: listening, speaking, reading and writing. Fall, Spring.

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 placement. 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  CAH-LANG  3(3,0)
Intermediate Chinese I: PR: CHI 1121C or equivalent. CHI 2200 students will attend 1 lecture and 3 lab meetings per week. Fall, Spring.

CHI 2301  CAH-LANG  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 integrated 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 1041  COS-CHEM  3(3,0)
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, fats, and nucleic acids. 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, fats, and nucleic acids. Spring.

CHM 2210  COS-CHEM  3(3,0)
Organic Chemistry I: PR: A "C" (2.0) or better in CHM 2046. 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 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.
CHM 2211L COS-CHEM 2(0.6)
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. PR: CHM 2210 or permission of the instructor. Fall. F&M & fee $70.00

CHM 3120 COS-CHEM 3(3.0)
Analytical Chemistry: PR: CHM 2046, CHM 2046L, and or CR: CHM 3120. Classical and instrumental analysis. Choice of preferred analytical methods and techniques is emphasized through applications involving both inorganic and organic systems. Fall, Spring.

CHM 3120L COS-CHEM 10(3)
Analytical Chemistry Laboratory: PR: CHM 2046, CHM 2046L, and or CR: CHM 3120. Experimental exercise of quantitative methods of analysis using titrimetric, gravimetric, potentiometric 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. F&M & fee $70.00

CHM 3215L COS-CHEM 20(6)
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. F&M & fee $70.00

CHM 3410 COS-CHEM 4(3)
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(3.0)

CHM 3411L COS-CHEM 20(6)
Physical Chemistry Laboratory: PR: CHM 3410 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. F&M & fee $70.00

CHM 3422 COS-CHEM 3(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(3.0)
Advanced Analytical Laboratory Technique: PR: CR-CHM 3411 or CR-CHM 3411L. Modern instrumental techniques of analysis including electrochemistry, spectroscopy, and separation techniques. Spring.

CHM 4130L COS-CHEM 20(6)
Advanced Analytical Chemistry Laboratory: PR: or CR: CHM 4130. Experimental exercise of instrumental methods of analysis. Successful students will develop practical skills performing experiments based on specified modern instrumental and spectrographic methods of analysis. Statistical data treatment of experimental results will be also exercised. Spring. F&M & fee $70.00

CHM 4220 COS-CHEM 3(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 4610 COS-CHEM 3(3.0)

CHM 4610L COS-CHEM 20(6)
Inorganic Chemistry Laboratory: PR: CHM 4610. A study of physical and chemical properties and synthetic techniques in inorganic Chemistry. Fall. F&M & fee $70.00

CHM 4914C COS-CHEM 1(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(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(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(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(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. Occasional.

CHM 5305 COS-CHEM 3(3.0)
Applied Biological Chemistry: PR: CHM 2211, and graduate status or senior standing or C.I. The identification and analysis of modern biological chemistry. Even Fall.

CHM 5450 COS-CHEM 3(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(1.5)
Techniques in Polymer Science: PR: CHM 2211 and CHM 4140, 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. F&M & fee $45.00

CHM 5580 COS-CHEM 3(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(2.3)
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 science and physical property relationships. Occasional.

CHS 1440 Principles of 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, equilibria, electrochemistry and thermodynamics. The "NC" grading policy applies to this course. Fall, Spring.

CHS 3501 COS-CHEM 3(3.0)
Introduction to Forensic Science: PR: Preference will be given to students whose major requires 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(2.6)
Forensic Microscopy: PR: C grade or better in CHM 3045 L. An advanced study of the techniques used to identify and compare trace evidence. Spring. F&M & fee $69.00

CHS 3511C COS-CHEM 4(2.6)
Trace Evidence: PR: C grade or better in CHM 3505C and CHF 2211. An advanced study of the techniques used to identify and compare trace evidence. Spring. F&M & fee $45.00

CHS 3514C COS-CHEM 3(2.3)
Bomb Scene Investigation: PR: Forensic Science major, CHS 3501 or C.I. Procedures for recognizing, collecting, preserving, and analyzing evidence from a post-blast bombing crime scene. May be repeated for credit. Occasional.

CHS 3530C COS-CHEM 3(3.0)
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. F&M & fee $68.00

CHS 3533 COS-CHEM 2(0.0)
Forensic Biochemistry I: PR: C or better in PCB 3063 and PCB 3233. Selected topics of contemporary forensic biochemistry, including the identification of body fluids and the use of genetic markers to establish identity. Fall.

CHS 3533L COS-CHEM 2(0.3)
Forensic Biochemistry Laboratory: PR: C or better in揅PShell.2010C, PCB 3063L, PCB 3233, PCB 3233L and or PR: or CR: CHS 3533. Concepts and procedures of contemporary forensic biochemistry. Emphasis on techniques and procedures used in operational crime laboratories in the U.S. Fall. F&M & fee $70.00

CHS 3540C COS-CHEM 2(1.3)
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. Occasional.

CHS 3545C COS-CHEM 3(3.0)
Forensic Science in the Courtroom: PR: or CR: CHS 3501 or C.I., and Forensic Science major. The special needs of the forensic scientist in preparing for and participating in courtroom proceedings. Spring.

CHS 3549C COS-CHEM 0(0.0)
Cooperative Education in Chemistry: PR: Departmental permission required before registering. Cooperative education experience in chemistry. Graded SUI. May be repeated for credit. Occasional.

CHS 4506C COS-CHEM 2(3.2)
Forensic Investigation and 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(2.6)
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 4524C COS-CHEM 3(1.5)
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. F&M & fee $70.00

CHS 4537 COS-CHEM 2(2.0)
Forensic Laboratory Quality Assurance: PR: Grade of "C" or better in CHS 3511C, or C.I. Procedures for the maintenance of quality systems management in forensic laboratories. Fall.

CHS 4541C COS-CHEM 2(1.3)
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.
CHS 4591 COS-CHEM 4(0.40) Forensic Science Internship: PR: Senior standing, within 8 hrs. of completion of degree requirements, and 2.5 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. Odd 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 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 2545C and COP 3223 or C.J. Principles of computer and information technologies. Even Spring.


CIS 4004 ECS-ECE 3(3.0) Web-Based Information Technology: PR: CNT 3003 or COP 3330 each with a grade of "C" (2.0) or better. Web technologies. HTML, XML, Digital libraries. Media formats. Compression. Streaming Media. Mobile internet and WML. Emerging technologies. Capacity planning for web services. Fall, Spring.

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 EEL 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, negotiation, Project management, Testing and QA, Organizational context. Architecture. Spring.
CJL 4046 HPA-CJ 3(3,0) Liability Issues in Criminal Justice: PR: CCL 3024 or C.I. Student of fundamental concepts found in civil law with an emphasis on civil liability regarding criminal justice practices. Occasional.

CJL 4410 HPA-CJ 3(3,0) Legal Aspects of the Criminal Court Process: PR: CCL 3510 The legal definition of various criminal court processes, including, trial; and sentencing. Occasional.


CJL 5049 HPA-CJ 6(6,0) International Perspectives on Law and Justice: PR: C.I. or graduate standing. Examination of the legal and criminal justice systems of other nations and territories through lecture, seminar, research and field visits. Occasional.

CJT 3803 HPA-CJ 3(3,0) Security Management: PR: SCC 3311 or C.I. Examination of a global security management environment impacted by downsizing, dynamically changing work force, religious extremism, terrorism, technological revolution and other challenges. Occasional.

CJT 3821 HPA-CJ 3(3,0) Practical Security Applications: An examination of basic security principles applied to practical specific security scenarios encountered in the Central Florida area. Occasional.

CJT 4843 HPA-CJ 3(3,0) Risk Management in Criminal Justice/Private Security: PR: SCC 3311 or C.I. This course examines the concept of risk management in a criminal justice context. Occasional.


CLP 3143 COS-PSYCH 3(3,0) Abnormal Psychology: PR: PSY 3012. Classification, causation, and treatment of deviant patterns of behavior. Fall, Spring.


CLP 3184 COS-PSYCH 3(3,0) Women’s Mental Health: PR: PSY 3012. Social and cultural factors of mental health issues and conditions that are unique to or primarily impact women in the U.S. today. Occasional.

CLP 3302 COS-PSYCH 3(3,0) Clinical Psychology: PR: CLP 3143. An overview of approaches to psychopathology, methods of clinical assessment, and various approaches to individual and group counseling. Fall, Spring.

CLP 3413 COS-PSYCH 3(3,0) Contemporary Behavior Therapy: PR: CLP 3143. Emphasis on the underlying principles and the specific intervention procedures which are utilized in contemporary behavior therapy, including treatment strategies for particular behavior disorders. Occasional.

CLP 3467C COS-PSYCH 2(2,2) Interpersonal Effectiveness and Group Psychotherapy: PR: PSY 3012. Psychological aspects of interpersonal relationships, the rationale for group therapy, and strategies for enhancing interpersonal skills and personal growth. Occasional.

CLP 4134 COS-PSYCH 3(3,0) Childhood Psychopathology: PR: PSY 3012, CLP 3143, DEP 3004. An in-depth survey of the prevalence, classification, symptoms, diagnosis, consequences, and treatments of disorders of infancy, childhood, and adolescence. Fall, Odd Spring.

CLP 4314 COS-PSYCH 3(3,0) Health Psychology: PR: PSY 3012 Interactions between psychosocial and physical conditions, in prevention, diagnosis, intervention and health care delivery policy planning. Course will cover empirical phases for prevention, assessment, and intervention approaches for these focal areas: cancer, chronic heart disease, diabetes, HIV disease, pain and stress. Occasional.

CLP 4390 COS-PSYCH 3(3,0) Forensic Psychology: PR: PSY 3012 Clinical practice of psychology within the legal system, including forensic evaluation; eyewitness testimony, treatment, and criminal profiling. Occasional.

CLP 5166 COS-PSYCH 3(3,0) Advanced Abnormal Psychology: PR: Graduate status or senior standing or C.I. Consideration of classification, causation, management and treatment of emotional disorders. Prerequisites to be taken in the field. Lecture/Laboratory. Occasional.

CLP 5187 COS-PSYCH 3(3,0) Mental Health and Aging: PR: Graduate status or senior standing or C.I. Introduction to assessment and intervention issues, practice and research problems with cognitive and emotional functioning among older adults. May be repeated for credit. Occasional.

CLT 3370 CAH-PHIL 3(3,0) Classical Mythology: PR: ENC 1102 and either HUM 2210, REL 2300, WOH 2300 or LIT 2110. Myths of the Greeks & Romans, and through excerpts from ancient sources and experienced through works of art, literature, and music. Occasional.

CLT 3378 CAH-PHIL 3(3,0) Comparative Mythology: PR: ENC 1102 and either HUM 2230, REL 2300, WOH 2302, LIT 2120 or CLT 3370. Common themes found in the myths of various cultures; theories of their origins, meaning and value in human experience. Occasional.

CNT 3004 ECS-ECE 3(3,0) Computer Network Concepts: CR: PHY 2054C with a grade of "C" (2.0) or better. Network media, protocol, and network management. Fall, Spring.

CNT 4403 ECS-ECE 3(3,0) Network Security and Privacy: PR: (COT 3100C or MAD 2104) and (CIS 3360 or CIS 3362) all with a grade of "C" (2.0) or better. Network implementation of security protocols, secure applications, network intrusion detection, security policy, firewalls, and privacy issues. Occasional.

CNT 4603 ECS-ECE 3(3,0) System Administration and Maintenance: PR: CGS 3763 with a grade of "C" (2.0) or better. Examination of operating systems and applications installation, configuration, and maintenance, including client-server, content management, file storage, server administration and management, and multimodal management. Fall, Spring.

CNT 4703C ECS-ECE 3(1,2) Design and Implementation of Computer Communication Networks: PR: COT 3100C or COT 4701C and STA 2103 and with a grade of "C" (2.0) or better. Data communication networking technologies (TCP/IP, Ethernet, Gigabit Ethernet, ATM, Frame Relay, protocols (routers, switches, ad-hoc, cabling). Base design and detailed configuration including hands-on exercises. Fall, Spring. M&S fee $16.00

CNT 4704 ECS-ECE 3(3,0) Analysis of Computer Communication Networks: PR: (COT 3100C or MAD 2104) and STA 2103 each with a grade of "C" (2.0) or better. Network design using layering. Introduces cabling, topology, architecture, hardware and software. Includes performance and control issues such as congestion control, error control, contention resolution. Occasional.

CNT 4714 ECS-ECE 3(3,0) Enterprise Computing: CR: CGS 3289, MAD 3350C, and STA 2103 all with a grade of "C" (2.0) or better. Client-server architecture. Server-side scripting: Servlets, JSP, PHP JDBC and MySQL database, connectivity. Multi-threaded Java applications. UEE development. SSL, Event-driven programming. Fall, Spring.


COM 1000 COS-COMM 3(3,0) Introduction to Communication: Survey course introducing students to theory, research, and practical principles associated with human communication in interpersonal, public, and professional contexts. Fall, Spring.

COM 3003 COS-COMM 3(3,0) Exploring Human Communication: PR: Either SPE 1608, SPE 1603C, COM 1000, or C.I. The variety of topics and contexts that human communication scholars examine, the theories that have emerged and the research that creates the theories. Occasional.

COM 3011C COS-COMM 3(1,2) Communication and Human Relations: PR: or CR: COM 3311. Semantics; symbols and meaning and their relationship with human behavior. Fall, Spring.

COM 3013 COS-COMM 3(3,0) Communication and the Family: PR: One of the following; SPE 1608, SPE 1603C, COM 1000, or C.I. The ways members of a family unit interact verbally and nonverbally to influence one another. Fall, Spring.

COM 3022 COS-COMM 3(3,0) Health Communication: PR: SPE 1608, SPE 1603C, COM 1000, or C.I. Theories and research about the role communication plays in health. Fall, Spring.

COM 3110 COS-COMM 3(3,0) Business and Professional Communication: PR: I/O, Ad-PR, or R-TV Majors or I/O Com Minors only, and one of the following; SPE 1608, SPE 1603C, or C.I. Theoretical and practical training in effective presentational speaking for business and professions. Fall, Spring.

COM 3110H COS-COMM 3(3,0) Honors Business and Professional Communication: PR: Majors only, SPE 1608 or SPE 1603C or C.I. and consent of Honors. Theoretical and practical training in effective presentational speaking for business and professions. With Honors content. Occasional.

COM 3120 COS-COMM 3(3,0) Organizational Communication: PR: or CR: COM 3311, or C.I. A study of communication functions and problems within the contexts of hierarchies. Fall, Spring.

COM 3311 COS-COMM 3(3,0) Communication Research Methods: PR: STA 2104C and I-O Major or I-O Minor, or Human Communication major or Human Communication minor, or C.I. Research methods used in communication. Understanding and interpretation of original research emphasized. Fall, Spring.

COM 3330 COS-COMM 3(3,0) Computer Mediated Communication: CR: CGS 1060C or CGS 2100C. Communicating through computers. The foundations and applications of online and interactive multimedia applications, including trends and limitations. Spring.

COM 3332 COS-COMM 3(3,0) Communication, Technology, and Change: PR: One of the following; SPE 1608, SPE 1603C, COM 1000, or C.I. How new technologies are and are influenced by communication in a variety of contexts, including organization and interpersonal settings. Fall, Spring.
Health Communication Campaigns: COM 4306 COS-COMM 3(3,0) contribute to the development of conflict across groups, CR: COM 3800 Exploration of communication factors that influence the development of conflict across groups, 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. COM 3802 COS-COMM 3(3,0) Communication & Conflict: PR: or CR: COM 3800 Examination of major theories and concepts related to communication and conflict focusing on the influence of message content, relationships, and environments in multiple conflict scenarios. Fall, Spring. COM 3912 COS-COMM 3(3,0) Collaborative Experiential Research Practicum: PR: Either SPC 1606, SPC 1600 or COM 1000, or C.I. 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 to declare the degree program a maximum of 2 times. Occasional. COM 4014 COS-COMM 3(3,0) Gender Issues in Communication: PR: Junior Standing, and one of the following: SPC 1608, SPC 1603C, COM 1000, or C.I. A study of how communication exchanges, both verbal and non-verbal, differ between men and women, and how these differences are manifested. Fall, Spring. COM 4416 COS-COMM 3(3,0) Terrorism and Communication: PR: One of the following: SPC 1603C, SPC 1608, COM 1000 or C.I. How terrorism is a communication process. How mass media, symbols, linguistic devices, e-terrorism, and theoretical dimensions play a role in terrorism. How communities respond to terrorism attacks. Fall, Spring. COM 4461 COS-COMM 3(3,0) Intercultural Communication: PR: Junior Standing, and one of the following: SPC 1608, SPC 1603C, COM 1000, or C.I. Study of variables affecting messages and participants in intercultural contexts. Fall, Spring. COM 4462 COS-COMM 3(3,0) Conflict Management: PR: or CR: COM 3311, or C.I. The study of communication in everyday conflicts. Fall, Spring. COM 4550 COS-COMM 3(3,0) Health Communication Campaigns: PR: COM 3311. Strategies and effects of health communication campaigns aimed at informing and persuading audiences. Spring. COM 4803 COS-COMM 3(3,0) Third Party Processes & Intervention: PR: or CR: COM 3800 Identify components and skills in multiple third party processes including mediation, arbitration, and facilitation in the control of conflict management and process design skills. Spring. COM 4804 COS-COMM 3(3,0) Conflict & Communication Context: PR: or CR: COM 3800 Exploration of communication factors that contribute to the development of conflict across groups, cultures and societies. Fall, Spring. COM 4805 COS-COMM 3(3,0) Transcultural Communication: PR: or CR: COM 3800 Examines various western and non-western belief/ethic systems, and how conflict may be perceived, communicated and interpreted using metaphorical approaches to conflict management. Fall.
Canadian Studies: dynamics of Western Europe in the post-1945 era. 2041 or C.I. An examination of the political and economic emphasis upon comparative analysis of contemporary or C.I. Government and politics in selected nations, with Comparative Politics: CPO 3103 COS-POLS 3(3,0) Politics of the Middle East: PR: ENC 1102 or POS 2041 or C.I. government, society, politics and institutions, emphasizing CPO 3403 COS-POLS 3(3,0) Politics of the Middle East: PR: ENC 1102 or POS 2041 or C.I. the political and economic dynamics of Middle East politics, including both regional and international dimensions. Occasional. CPO 3403H COS-POLS 3(3,0) Honors Politics of the Middle East: PR: Permission of Honors. An examination of the dynamics of Middle East politics, including both regional and international dimensions. Honors level content Occasional. CPO 3614 COS-POLS 3(3,0) Politics of Eastern Europe: PR: ENC 1102 or POS 2041 or C.I. An examination of the political and economic dynamics of Eastern Europe in the post-1945 era. Occasional. CPO 4062 COS-POLS 3(3,0) Comparative Judicial Process: PR: ENC 1102 or POS 2041 or C.I. Study of courts and judges in cross national context. Focus upon judicial recruitment, decisional patterns, and policy outcomes. Occasional. CPO 4074 COS-POLS 3(3,0) Political Economy: PR: ENC 1102 or POS 2041 or C.I. Interrelationship of political and economic phenomena of both advanced industrial societies and less developed countries. Even Fall. CPO 4101 COS-POLS 3(3,0) Politics of the European Union: PR: ENC 1102 or POS 2041 or C.I. Evolution of the European Union, theories of the EU and EU institutions and policies from a comparative perspective. Spring. CPO 4123 COS-POLS 3(3,0) Government and Politics of Great Britain: PR: ENC 1102 or POS 2041 or C.I. A survey of British government, society, politics and institutions, emphasizing parliamentary traditions. Britain’s foreign policy and European role will be discussed. Even Spring. CPO 4303 COS-POLS 3(3,0) Comparative Latin American Politics: PR: ENC 1102 or POS 2041 or C.I. Comparative analysis of politics, society and culture in Latin America and selected countries of the region. Even Fall. CPO 4445 COS-POLS 3(3,0) Comparative Political Parties: PR: ENC 1102 or POS 2041 or C.I. Theories of the formation, structures, organization, and behavior of political parties and political party systems in comparative and relative. Occasional. CPO 4514 COS-POLS 3(3,0) Politics of East Asia: PR: ENC 1102 or POS 2041 or C.I. Major trends in political, economic, and socio-cultural aspects in the East Asian region. Occasional. CPO 4541 COS-POLS 3(3,0) Chinese Politics: PR: ENC 1102 or POS 2041 or C.I. China’s political development since 1949. Occasional. CPO 4553 COS-POLS 3(3,0) Politics of Japan: PR: ENC 1102 or POS 2041 or C.I. Evolution of the Japanese political system and how domestic and international politics influence the functioning of the Japanese economy. Occasional. CPO 4643 COS-POLS 3(3,0) Government and Politics of Russia: PR: ENC 1102 or POS 2041 or C.I. Study of the origins, institutions, and functioning of the Russian system, including the lingering influence of the old order on domestic and foreign policy. Occasional. CPO 4710 COS-POLS 3(3,0) Women in Comparative Politics: PR: ENC 1102 or POS 2041 or C.I. A cross-national perspective on women and politics; how women behave politically in various political and economic contexts. Occasional. CPO 4754 COS-POLS 3(3,0) Comparative Political Institutions: PR: ENC 1102 or POS 2041 or C.I. The course analyzes major types of political institutions from a comparative perspective, including electoral laws, division of power, types of democracy, federalism, and the judiciary. Occasional. CPO 4784 COS-POLS 3(3,0) Political and Economic Inequality in Comparative Perspective: PR: ENC 1102 or POS 2041 or C.I. Economic and political inequality and the nature of the link between them across countries with different political and economic institutions. Occasional. CPO 4794 COS-POLS 3(3,0) Indigenous Politics and the Environment: PR: POS 2041 or C.I. Unique emphasis on indigenous politics specific to indigenous peoples around the world. Occasional. CRW 3010H CAH-ENG 3(3,0) Honors Creative Writing: PR: Honors GEP completion and permission of Honors. Theory and techniques of literary genres with honors level content; practice and critique of original writing by peers and critical reading of established authors. Occasional. CRW 3011 CAH-ENG 3(3,0) Creative Writing for Non-Majors: PR: Grade of C (2.0) or better required in ENC 1102. Open to non-majors. The techniques of literary genres; the practice and critique of original work by peers; critical reading of established authors. Designed for non-majors. Not open to students with credit in CRW 3013. Fall, Spring. CRW 3013 CAH-ENG 3(3,0) Creative Writing for English Majors: PR: English major or minor, junior standing, and grade of C (2.0) or better required in ENC 1102, or C.I. Literary genres; practice and critique of peer writing; critical reading of established authors. Fall, Spring. CRW 3053 CAH-ENG 3(3,0) Theory & Practice of Creative Writing: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I. An intermediate level fiction writing workshop for English majors; group analysis and criticism; close reading of contemporary fiction and fiction theory. Fall, Spring. CRW 3120 CAH-ENG 3(3,0) Fiction Writing Workshop: PR: English major or minor, junior standing, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I. An intermediate level writing workshop for English majors; group analysis and criticism; close reading of contemporary fiction and fiction theory. Fall, Spring. CRW 3211 CAH-ENG 3(3,0) Creative Nonfiction Writing: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Writers present original nonfiction writing for class response and individual conferences. Reading of key works of creative nonfiction with discussion of definitions of the genre. Fall, Spring. CRW 3310 CAH-ENG 3(3,0) Poetry Writing Workshop: PR: English major or minor, junior standing, and a grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I. An intermediate level poetry workshop for English majors. Group analysis and criticism; close reading of contemporary poetry and poetic theory. Fall, Spring. CRW 3311 CAH-ENG 3(3,0) Structure of Verse: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Intensive study of the structural characteristics of English, poetry, metrical systems, rhyme, scansion, and poetic rhetorical devices. Occasional. CRW 3340 CAH-ENG 3(3,0) Literary Magazines: PR: English major or minor, junior standing, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I. Examination of fiction and poetry trends in current literary magazines, identifying editorial policies in publication of contemporary literature. Occasional. CRW 3610 CAH-ENG 3(3,0) Writing Scripts: PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Theory and practice of writing scripts for film and TV. Occasional.
UCF Courses and Descriptions

CRW 3713 CAH-ENG 3(3,0)
Writing for Video Games: PR: English major or minor, junior standing and grade of "C" (2.0) or better required in CRW 3013, CRW 3053, or C.I. Basic theories and practices associated with game design. Students learn effective writing techniques for developing original video games. Occasional.

CRW 3950 CAH-ENG 3(3,0)
Cypress Dome Editorialship: PR: C.I. Responsibility for all aspects of editing The Cypress Dome-UCF's student literary journal. May be used in the degree program a maximum of 2 times. Fall, Spring.

CRW 4014 CAH-ENG 3(3,0)
The Writing Life: PR: English major or minor, junior standing, and grade of "C" (2.0) or better in CRW 3013, CRW 3053 and at least one of CRW 3120, CRW 3211, CRW 3310, or CRW 3610 or C.I. Creation of fiction and nonfiction from various time periods. Occasional.

CRW 4114 CAH-ENG 3(3,0)
History of Prose Style: 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.

CRW 4122 CAH-ENG 3(3,0)
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.

CRW 4123 CAH-ENG 3(3,0)
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 writing of original science fiction stories. Workshop format with critique of writing assignments. Occasional.

CRW 4224 CAH-ENG 3(3,0)
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 3120, or C.I. Intensive reading, writing, and workshop of creative nonfiction drawing on memory, observation, journalistic research, and literary techniques. Fall, Spring.

CRW 4320 CAH-ENG 3(3,0)
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.

CRW 4616 CAH-ENG 3(3,0)
Advanced Scriptwriting Workshop: PR: English major or minor, junior standing, and grade of "C" (2.0) or better required in CRW 3013, CRW 3053, CRW 3610, or C.I. Study of scriptwriting literature and writing of original creative works. Workshop format with critique of writing assignments. Occasional.

CRW 4617 CAH-ENG 3(3,0)
Advanced Scriptwriting Workshop: PR: English major or minor, junior standing, and grade of "C" (2.0) or better required in CRW 3013, CRW 3053, CRW 3610, or C.I. Study of scriptwriting literature and writing of original creative works. Workshop format with critique of writing assignments. Occasional.

CRW 5130 CAH-ENG 3(3,0)
Graduate Writing Workshop: PR: Admission to Creative Writing MFA and C.I. Student writers present their own work in a seminar, 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.

CRW 5139 CAH-ENG 3(3,0)
Form and Craft 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.

CRW 5948C CAH-ENG 2(2,1)
Editing for Creative Writers: PR: CWR 4632C and CRW 3120 or CRW 3610 or C.I. Overview of editing processes, the history and future of editing, issues and practices associated with game design. Students learn effective writing techniques for developing original video games. Occasional.

CWR 3201 ECS-CECE 3(3,0)
Engineering Fluid Mechanics: PR: MAP 2302, EGN 3310 both with a grade of "C" (2.0) or better, or CR: EGN 3311. Fundamentals of fluid mechanics with hydraulic applications, fluid properties, hydrostatics, dimensional analysis, energy, momentum, continuity, and steady flow. Fall, Spring.

CWR 4632C ECS-CECE 4(3,2)
Water Resources Engineering I: PR: STA 3032 and CWR 3201 both with a grade of "C" (2.0) or better. Descriptive and qualitative aspects of water in the earth's environment and its engineering implications, including analysis of surface water systems, design of hydraulic structures, and stormwater management. Fall, Spring. M&S fee $21.00

CWR 4633C ECS-CECE 3(3,2)
Water Resources Engineering II: PR: CWR 4632C with a grade of "C" (2.0) or better. Provision of advanced understanding of hydrology, hydrologic river routing, hydraulic flow, hydraulic engineering, and some engineering applications of these concepts. Fall, Spring.

CWR 4812C ECS-CECE 2(2,1)
Water Resources Design: PR: CWR 4822C 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

CWR 5125 ECS-CECE 3(3,0)
Groundwater Hydrology: PR: CWR 4633C or C.I. Theories of groundwater movement, geological factors, hydrochemical processes, and ground charge. May be repeated for credit. Occasional.

CWR 5205 ECS-CECE 3(3,0)

CWR 5515 ECS-CECE 3(3,0)
Numerical Methods in Civil and Environmental Engineering: PR: CWR 4633C 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.

CWR 5545 ECS-CECE 3(3,0)
Water Resources Engineering: PR: CWR 4633C or C.I. Systems identification and solution to complex water allocation problems, and other hydraulic engineering designs and operations using economic analysis and operations research techniques. Occasional.

CWR 5834 ECS-CECE 3(3,0)
Water Resources in a Changing Environment: PR: CWR 4633C or C.I. Understanding potential impact of climate change and human activities on hydric systems and various spatial and temporal scales. Odd Fall.

DAA 2502 CAH-THEA 2(2,1)
Introduction to Dance: PR: Theatre major, Dance minor, or department consent. Basic ballet, tap, and jazz technique. Recommended for students with no formal dance training. May be used in the degree program a maximum of 2 times. Occasional.

DAA 2100C CAH-THEA 2(2,1)
Modern Dance I: PR: Theatre major, Dance minor, or department consent. Exploration of form, style, and technique in creative movement. Includes practical class work and history lectures. Fall.

DAA 2200C CAH-THEA 2(2,1)
Ballet I: PR: Theatre major, Dance minor, or department consent. Fundamentals of classical ballet; includes practical dance work as well as dance history lectures. Fall.

DAA 2201C CAH-THEA 2(2,1)
Ballet II: PR: Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2100C and DAA 2200C. Intermediate exploration of form, style, and technique in creative movement, including practical class work and history lectures. Fall.

DAA 2300 ED-EHHS 2(2,0)
Ballroom Dance: Instruction in selected ballroom dances (foxtrot, waltz, rumba, swing, samba, cha cha, tango, quickstep) focusing on dance and fitness aspects of ballroom dancing. Fall, Spring.

DAA 2351 ED-EHHS 2(2,0)
Salsa & Latin Dance: Instruction in salsa and selected other Latin dances (merengue, bachata, cha cha) focusing on Latin dance and fitness aspects of ballroom dancing. Fall, Spring.

DAA 2502C CAH-THEA 2(2,1)
Tap Dance I: PR: Theatre major, Dance minor, or department consent. Form, style, and technique in the basic fundamental movements of tap dance. Fall.

DAA 2502C CAH-THEA 2(2,1)
Tap Dance II: PR: Theatre major, Dance minor, or department consent. Form, style, and technique in the basic fundamental movements of tap dance. Fall.

DAA 2570C CAH-THEA 2(2,1)
Jazz Dance I: PR: DAA 2200C and Theatre major, Dance minor, or department consent. Basic movements of American Jazz dance, including practical class work and jazz dance history. Fall, Spring.

DAA 2751C CAH-THEA 2(2,1)
Jazz Dance II: PR: Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2570C. Intermediate Jazz dance using theory and practice in jazz technique. Spring.

DAA 3041C ED-EHHS 1(0,2)
Dance Studio: PR: Theatre Major, Theatre Minor or Dance Minor and any DAA course offered by the Theatre Department. Periodic attendance at departmental dance classes with permission of individual instructors. Graded S/U. May be repeated for credit. Fall, Spring.

DAA 3208C CAH-THEA 2(2,1)
Ballet Ill: PR: Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2100C and DAA 2200C. Advanced classical ballet technique, including principles, theory, and practice technique. Spring.

DAA 3524C CAH-THEA 2(2,1)
Tap Dance Ill: PR: Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2521C. Advanced exploration of form, style, and technique of tap dance. May be repeated for credit. Fall.
DIG 4325C CAH-SVAD 3(1,4)
Look Modeling Workshop: PR: DIG 4780C and successful portfolio review, or C.I. Techniques, mechanisms of design, developing finished look emphasis on rendering, shading, texturing, and lighting. Spring.

DIG 4326C CAH-SVAD 3(1,4)
Geometrical Modeling Workshop: PR: DIG 4780C and successful portfolio review or C.I. Techniques and mechanisms 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 3356C and successful portfolio review or C.I. Techniques and mechanisms of artificial characters, with emphasis on attitude in action, personality of character expressions, and bringing characters to life. Spring.

DIG 4396C CAH-SVAD 3(1,4)
Artificial Characters Workshop: PR: DIG 3362C and successful portfolio review, or C.I. Techniques and mechanisms of artificial characters, with emphasis on attitude in action, personality of character expressions, and bringing characters to life. Spring.

DIG 4397C CAH-SVAD 3(1,4)
3D Textures: PR: DIG 4323 or C.I. Advanced application of lighting and surface attributes, improving on the tools, concepts, and techniques learned in previous 3D courses. Spring.

DIG 4398C CAH-SVAD 3(1,4)
Motion Graphics: Advanced Compositing: PR: DIG 4396C, successful portfolio review, or C.I. Advanced application of lighting and surface attributes, improving on the tools, concepts, and techniques learned in previous 3D courses. Spring.

DIG 4434C CAH-SVAD 3(1,4)

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 4455C 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, story, character design, and animation that expresses a narrative for digital production. Fall.

DIG 4503 CAH-SVAD 3(3,0)
DSC 4012 HPA-CJ 3(3,0)
Terrorism: PR: Sophomore Standing and ENC 1102. An examination of strategies, ideologies and impacts of terrorism on society and the political process. Fall.

DSC 4013 HPA-CJ 3(3,0)

EAB 3703C COS-PYCH 4(3,2)

EAB 3706C COS-PYCH 4(3,2)
Behavior Modification - Part II: PR: EAB 3706C. Continuation of the foundations of behavior and their application, as well as ethical issues related to the delivery of behavior analysis programs. Occasional.

EAB 5765 COS-PYCH 3(3,0)
Applied Behavior Analysis with Children and Youth: PR: DEP 5057 and EXP 5445, and graduate status in the M.S. in Child M.S. This course introduces the 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 principles of aircraft motion and flight mechanics, lift, drag, propeller, 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)
Space Systems Concepts: 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 principles of spacecraft motion and flight mechanics, lift, drag, propeller, external and internal flows, airplane performance. Fall.

EAS 3702 ECS-MECH/AERO 3(3,0)
Design for Manufacturing of Aerospace Components: PR: MAC 3312, EGN 3310, and EGN 3365 or EMA 3706. Manufacturing and properties of aerospace materials; design of aerospace systems. Fall.

EAS 3800C ECS-MECH/AERO 3(2,3)

EAS 3810C ECS-MECH/AERO 3(1,3)
Design of Aerospace Experiments: PR: EAS 3000C 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 3202. 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)
Flight Mechanics: PR: EAS 3101; CR: EML 4225. Aircraft dynamics; design of performance, static and dynamic stability and automatic control systems. Fall.

EAS 4134 ECS-MECH/AERO 3(3,0)
High-Speed Aerodynamics: PR: EAS 3101. Normal shock waves, oblique shock waves, and wave patterns, and applications to the design process. Fall.

EAS 4154 ECS-MECH/AERO 3(3,0)
Rotorcraft Aerodynamics: PR: EAS 3101. Rotorcraft aerodynamics, momentum and lift element theories applied to hover, vertical and forward flight. Factors affecting design, performance & stability will be discussed. Occasional.

EAS 4200 ECS-MECH/AERO 3(3,0)

EAS 4210 ECS-MECH/AERO 3(3,0)

EAS 4300 ECS-MECH/AERO 3(3,0)

EAS 4400 ECS-MECH/AERO 3(3,0)

EAS 4404C ECS-MECH/AERO 3(2,3)
Discrete Control in Aerospace Vehicles: PR: EGM 4312C and EAS 3800C. Discrete control aspects of aerospace vehicles, digital controller, design, state-space representation, 2-transform, system response. Spring. M&S fee $15.00

EAS 4505 ECS-MECH/AERO 3(3,0)
Orbital Mechanics: PR: EGN 3321 and a "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 3202 and PHY 2048. Two-body problem, orbital equations, orbital transfer, earth satellite operation. Spring.

EAS 4700C ECS-MECH/AERO 3(1,6)

EAS 4710C ECS-MECH/AERO 3(1,6)
Aerospace Design II: PR: EAS 4700C, EAS 4991. Continuation of the design process in the team building and testing of a prototype model of an airplane, spacecraft, system or device. Fall, Spring.

EAS 5123 ECS-MECH/AERO 3(3,0)

EAS 5157 ECS-MECH/AERO 3(3,0)

EAS 5211 ECS-MECH/AERO 3(3,0)
Aerelasticity: PR: EAS 3101 and EML 3701 and EAS 4200. Concerned with consequences and trade-offs created by interactions between aerodynamic forces and structural deformation. Static aeroelastic problems; control effectiveness; lift effectiveness; divergence. Dynamic aeroelasticity; flutter and vibration. Occasional.

EAS 5302 ECS-MECH/AERO 3(3,0)

EAS 5315 ECS-MECH/AERO 3(3,0)
Rocket Propulsion: PR: EAS 4134 or EML 4703. Analysis and performance of rocket motors; selection and thermodynamics of chemical propellants; liquid and solid propellant rockets. Occasional.

EAS 5407C ECS-MECH/AERO 3(2,3)

EAS 5535 ECS-MECH/AERO 3(3,0)
Engineering Design for Aerospace Vehicles: PR: EAS 4100, EAS 4710C, EML 4202, and department consent; CR: EAS 4200 or equivalent. Applications of the design process to aerospace vehicles. A system approach will be emphasized. Techniques for optimizing interface requirements will be covered. Occasional.

ECM 4504C ECS-ECO 4(3,3)

ECO 2013 BA-ECO 3(3,0)
Principles of Microeconomics: PR: Permission of Honors. Same as ECO 2013 with honors-level content. Fall, Spring.

ECO 2013H BA-ECO 3(3,0)
Honors Principles of Economics Microeconomics: PR: Permission of Honors. Same as ECO 2013 with honors-level content. Fall, Spring.

ECO 2023 BA-ECO 3(3,0)
Principles of Microeconomics: PR: Permission of Honors. Same as ECO 2013 with honors-level content. Fall, Spring.

ECO 2023H BA-ECO 3(3,0)
Honors Principles of Economics Microeconomics: PR: Permission of Honors. Same as ECO 2013 with honors-level content. Fall, Spring.

ECO 3070 BA-ECO 1(1,0)
Tutoring/Teaching Techniques for Undergraduate Economics: PR: Satisfactory completion of same course the student is tutoring. Prepare undergraduate students to more effectively learn economics concepts through tutoring/teaching. Graded S/U. May be used in the degree program a maximum of 4 times. Fall, Spring.

ECO 3201 BA-ECO 3(3,0)

ECO 3203 BA-ECO 3(3,0)
UCF Courses and Descriptions

ECO 3223 BA-ECON 3(3,0)

ECO 3401 BA-ECON 3(3,0)
Quantitative Business Tools I: PR: ECO 2023, and MAC 1105C or MAC 1140C. Introduction to mathematical and statistical analysis of economics and business problems. Fall, Spring.

ECO 3410 BA-ECON 3(3,0)
Mathematical Economics: PR: ECO 3101. Mathematical methods with particular focus on microeconomics foundations of individual decision-making. Spring.

ECO 3411 BA-ECON 3(3,0)
Quantitative Business Tools II: PR: Junior standing and business major or minor, ECO 2013, ECO 2023, and ECO 3401. The use of statistical tools as scientific tools in the analysis of economics and business problems. Fall, Spring.

ECO 3703 BA-ECON 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.

ECO 3704 BA-ECON 3(3,0)

ECO 4303 BA-ECON 3(3,0)

ECO 4412 BA-ECON 3(3,0)

ECO 4504 BA-ECON 3(3,0)

ECO 4713 BA-ECON 3(3,0)
International Macroeconomics: PR: ECO 3101 or ECO 3220 or ECO 3223. Introduction to key issues in international macroeconomics, financial issues, policies and events. Occasional.

ECO 4751 BA-ECON 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.

ECO 4902 BA-ECON 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 S/U. Fall, Spring.

ECO 4934 BA-ECON 3(3,0)

ECO 4941 BA-ECON 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 S/U. Fall, Spring.

ECO 5005 BA-ECON 3(3,0)

ECO 5006 BA-ECON 3(3,0)
Seminar on Current Economic Topics: 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.

ECO 5306 BA-ECON 3(3,0)
Economics of Sports: PR: ECO 2023. Microeconomics is used to evaluate and analyze the business and practices of sports including the structure and conduct of sports leagues, revenue sharing and other forms of cooperation, labor markets and compensation for professional athletes, public financing of sport facilities, and sports in the not-for-profit sector. Fall.

ECO 5308 BA-ECON 3(3,0)
Labor Economics: PR: ECO 3101 or ECP 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.

ECO 5309 BA-ECON 3(3,0)
Environmental and Natural Resource Economics: PR: ECO 3101. Provide fundamental insights into the interdependence between energy use, environmental quality, and the economy at both the microeconomic and macroeconomic level. Odd Fall.

ECO 5403 BA-ECON 3(3,0)
Organizational and Game Theory: PR: ECO 3101. A study of the performance of industries representative of various types of market structure and economic problems, as well as the public policies affecting these industries. Fall, Spring.

ECO 5450 BA-ECON 3(3,0)

ECO 5470 BA-ECON 3(3,0)

ECO 5471 BA-ECON 3(3,0)

ECT 3062 ED-CFCS 3(3,0)
Professional Roles of the Career & Technical Teacher: PR: ECT 3365 or C.I. Introduction into career and technical education teaching and the transition from industry to education. Occasional.

ECT 3365 ED-CFCS 3(3,0)

ECT 3367 ED-CFCS 3(3,0)

ECT 3371 ED-CFCS 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.

ECT 4004 ED-CFCS 3(3,0)

ECT 4184 ED-CFCS 3(3,0)
Curriculum Development Techniques for Industry Training: The practical application of fundamental knowledge, important skills, alternative analysis methods, and the critical elements of the trainers analysis tasks. Spring.

ECT 4384 ED-CFCS 3(3,0)
Advanced Teaching Techniques for Career Education: PR: ECT 3365 or C.I. Developing techniques for cooperative learning, simulation, instructional modeling, and evaluation of instructional effectiveness. Fall.

ECT 4815 ED-CFCS 3(3,0)
Safety in the Technical Education Classroom and Laboratory: PR: ECT 3365 or C.I. Federal regulations, safety practices, guidance, and support. Fall.

ECW 3312 ED-CFCS 3(3,0)
Course Construction in Health Occupations Education: PR: ECT 3365 or C.I. Planning and preparation of materials, managing the laboratory and involvement in appropriate Vocational Student Organizations. Clinical instruction related to vocational education and industry training. Occasional.

ECW 3564 ED-CFCS 3(3,0)
Special Populations in Career & Technical Education: PR: ECT 3365 or C.I. Overview of strategies and resources in meeting the needs of special populations in career and technical education settings. Spring.

ECW 5207 ED-CFCS 2-4(2-4,0)
Management of Vocational Programs: PR: Rank II Certificate or C.I. Study and achievement of selected competencies needed by vocational teachers, supervisors, and local administrators in the management of vocational education programs in the schools. Occasional.

ECW 5265 ED-CFCS 2-4(2-4,0)
Cooperative Programs in Vocational Education: PR: Regular Certificate or C.I. Study of cooperative vocational programs and achievement of competencies needed to establish, manage, and coordinate off-campus program activities in all vocational areas. Occasional.

ECW 5561 ED-CFCS 2-3(2-3,0)
Student Guidance in the Vocational Program: PR: Basic Teacher Certificate or C.I. Achievement of skills used by teachers as they gather student data, confer with students, and help students plan for employment or further education. Occasional.

EDE 2280 ED-TL&L 3(3,0)
Art and Wellness in Elementary Classrooms: Provides the prospective teacher with knowledge, skills, and the dispositions to integrate arts and wellness into the elementary classroom curriculum. Fall, Spring.

EDE 3942 ED-TL&L 3(3,0)
Internship I: PR: EDG 4410, RED 3012, RED 4519, MAE 3310, MAE 3311, TSL 4080. CR: MAE 4326, RED 4942, SCE 3310. Student teaching assignment in an elementary school under the supervision of a certified classroom teacher. Graded S/U. Fall, Spring.

EDE 3942H ED-TL&L 3(3,0)
Honors Internship I: PR: MAE 2801, RED 3012, RED 4519, TSL 4080. Student teaching assignment in an elementary school under the supervision of a certified classroom teacher including professional study groups and seminars, teacher work sample methodology and just-in-time coaching. Odd Fall.

EDE 4223 ED-TL&L 3(3,0)
Integrated Arts and Movement in the Elementary School: Admission to Elementary Education majors. Provides the prospective teacher with knowledge, skills, and dispositions to integrate arts and movement into the education of elementary school children. Fall, Spring. M&S fee $10.00
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits/Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4943</td>
<td>Internship II (Elementary): PR: EDE 3942 Student teaching in an elementary school under the supervision of a certified teacher. Scheduled concurrent seminars. Graded S/U. Occasional.</td>
<td>7-12(0.35)</td>
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<tr>
<td>EDE 4945</td>
<td>Internship II Seminar: PR: All required program courses; CR: EDE 4943 Internship II. Culminating seminar assessing current classroom management and assessment issues as they relate to teaching in the elementary grades. Fall, Spring.</td>
<td>1(1)</td>
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<tr>
<td>EDF 2005</td>
<td>Introduction to the Teaching Profession: A survey course including an orientation to education careers, ethics, and the foundations of education. This course has a field component. Fall, Spring.</td>
<td>3(0)</td>
<td></td>
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<tr>
<td>EDF 2007</td>
<td>Introduction to Substitution 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.</td>
<td>3(0)</td>
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</tr>
<tr>
<td>EDF 2085</td>
<td>Introduction to Diversity for Educators: An introduction to cultural factors and their impact on education and life style. Includes stereotyping, prejudice and changing classroom demographics. Includes directed field experience. Fall, Spring.</td>
<td>3(0)</td>
<td></td>
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<tr>
<td>EDF 2130</td>
<td>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.</td>
<td>3(0)</td>
<td></td>
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<tr>
<td>EDF 2250</td>
<td>Classroom Management for Substitute Teachers: Instructional and classroom management strategies to optimize student learning and maximize the effectiveness of substitute teachers. Fall, Spring.</td>
<td>3(0)</td>
<td></td>
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<tr>
<td>EDF 2510</td>
<td>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.</td>
<td>3(0)</td>
<td></td>
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<tr>
<td>EDF 2720</td>
<td>Children in Schools: Legal, Ethical and Safety Concerns: PR: EDF 2005, EDF 2085, EME 2040, or C.I. The role of education in children’s lives through the analysis of legal, ethical and safety concerns. Fall, Spring.</td>
<td>3(0)</td>
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<tr>
<td>EDF 2801</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 3120</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 3601</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4466</td>
<td>Classroom Assessment &amp; 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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4467</td>
<td>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. Fifteen hour in-school experience required. Fall, Spring.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4467H</td>
<td>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-in-contextual debate. Fifteen hour in-school experience required. Even Fall.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4603</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4603H</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 5245</td>
<td>Preparation and Management of Classroom Instruction: PR: C.I. Study of strategies for instructional planning and classroom management that result in optimum learning. Occasional.</td>
<td>3(0)</td>
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<tr>
<td>EDF 5607</td>
<td>Language, Culture and Pedagogy: Impact and Implications: PR: EDF 2005, EDF 2085, EME 2040 or C.I. In-depth issues surrounding learning needs of students from linguistically and culturally diverse populations. Research on language, culture and pedagogy will be highlighted. Occasional.</td>
<td>3(0)</td>
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<tr>
<td>EDF 1005C</td>
<td>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.</td>
<td>2(1)</td>
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<tr>
<td>EDF 2311</td>
<td>Teaching Strategies for Substitute Teachers: 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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4410</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4941</td>
<td>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.</td>
<td>1-8(0-1-8)</td>
<td></td>
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<tr>
<td>EDF 4948</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 4954</td>
<td>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.</td>
<td>3(0)</td>
<td></td>
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<tr>
<td>EDF 5356</td>
<td>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.</td>
<td>3(0)</td>
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<tr>
<td>EDF 5745</td>
<td>Teaching the Non-English Student: PR: C.I. Study of non-linguistic instruction in curriculum areas in English as a second language. Occasional.</td>
<td>3(0)</td>
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<tr>
<td>EDF 5941</td>
<td>Clinical Practice: PR: Admission to STEP III, II or IV. Clinical Internship in an appropriate educational setting under the direction of a university supervisor or peer teacher. Occasional.</td>
<td>2-8(0,11)</td>
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<tr>
<td>EDH 5306</td>
<td>ECS-MECHIAERO 1(1)</td>
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<tr>
<td>EDE 4943</td>
<td>English Language and Literature Methods in Engineering: PR: Graduate standing in an engineering discipline. This course will cover basis teaching pedagogy to help engineering students becomes better TA’s and help students deliver better technical presentations. Occasional.</td>
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<tr>
<td>EDE 2270</td>
<td>Development &amp; Learning: An examination of theory and research on adult learning and development with emphasis on practical applications, instruction, and technology use in educational and workplace settings. Fall, Spring.</td>
<td>3(0)</td>
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<tr>
<td>EDE 5356</td>
<td>Mentoring and Clinical Supervision of Pre-professional Educators: PR: C.I. The practical application of coaching and mentoring practices that satisfy the standards of clinical supervision and assure attainment of the Florida Educator Accomplished Practices. Fall, Spring.</td>
<td>3(0)</td>
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<tr>
<td>EEC 2732</td>
<td>Health, Safety, and Nutrition for Young Children: Health, safety and legal issues in early childhood (6-24) including protection from injury and infection; promotion of healthy development, good nutrition, and appropriate health and fitness habits. Spring.</td>
<td>3(0)</td>
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<tr>
<td>EED 3008</td>
<td>Early Childhood Children's Literature: PR: Admission into the Early Childhood Education Program (Track 3), EEC 3700, EEC 4611, RED 3310, and PET 4050C. A study of literature written for children ages birth through kindergarten, including an introduction to genres, authors and illustrators of children's books. Spring.</td>
<td>3(0)</td>
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<tr>
<td>EDE 3214</td>
<td>Early Childhood Education Learning Environment &amp; Strategies: PR: Admission to the program. Examines developmentally appropriate education environments, strategies, and environments for young children. Explores an integrated approach to curriculum planning and scheduling which emphasizes active learning. Occasional.</td>
<td>3(0)</td>
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<tr>
<td>EED 3613</td>
<td>Instruction and Assessment of Young Children: PR: Admission to the program. Appropriate methods for diagnosing, assessing, and evaluating young children, including children with diverse cultural and ethnic backgrounds. Appropriate interventions, remediations, and enrichment. Occasional.</td>
<td>3(0)</td>
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<tr>
<td>EEC 3700</td>
<td>Social and Emotional Development of Young Children: Provides an in-depth understanding of the social and emotional development of the young child. Examines the implication for curriculum development. Occasional.</td>
<td>3(0)</td>
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<tr>
<td>EEC 4207</td>
<td>Assessment and Evaluation of Young Children: PR: Admission to the Early Childhood Program (Track 3), EEC 3700. Early childhood education and services for young children and families. Includes early childhood historical, philosophical, and sociological perspectives, learning theories and field-based experiences. Fall.</td>
<td>3(0)</td>
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<tr>
<td>EDC 4211</td>
<td>Science and Math Learning for Young Children: PR: Admission into Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528. Methodologies for teaching and assessing young children in mathematics and science concepts and skills through an integrated developmentally appropriate program. Fall.</td>
<td>3(0)</td>
<td></td>
</tr>
</tbody>
</table>
EEL 4040C ECS-ECE 3(3,2)
Electrical Networks: PR: EEL 3470 or C.I. Three-phase power representation, analysis, transformers, per unit system, symmetrical components, faults, and transmission lines. Spring.

EEL 4041 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, network analysis, introduction to AC analysis, power calculations and three-phase circuits. Fall, Spring.

EEL 3123C ECS-ECE 4(3,3)

EEL 3801C ECS-ECE 3(3,2)

EEL 4050L ECS-ECE 10(3,3)
EECS Integrated Laboratory: PR: EEL 3525C, 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.

EEL 4140C ECS-ECE 4(3,3)
Analog Filter Design: PR: EEL 3123C, Passive and active analog filter design. Fall. M&S fee $15.00

EEL 4205 ECS-ECE 3(3,0)
EEX 4934  ED-CFCS  3(2,0)
Internship II: PR: Completion of specialization. Satisfactory academic 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.

EGM 3601  ECS-MECH/AERO  3(3,0)
Solid Mechanics: PR: EGM 3310 and "C" (2.0) or better in the following: MAC 2311C, MAC 2312, MAC 2313 and PHY 2048 CR MAP 2302. Concepts of stress, strain, deflection; axial force, torsion, bending, combined stress, Mohr's circle, failure theories, design concepts, application to machines and vehicles. Fall, Spring.

EGM 3601L  ECS-MECH/AERO  2(0,3)
Solid Mechanics Lab: PR: EGM 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. Introduction to the concepts 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.L., LEAD Scholars Program. Must have completed at least two of the following with a grade of B or better: IDS 1040C, GEB 1091C, EGS 1036C, EDG 1005C or HSC 1931C. 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.

EGN 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 systems and computerized, methods. Fall, Spring.

EGN 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 review of basic concepts, free-body diagrams, equilibrium of rigid bodies, and analyses of structures. Fall, Spring.

EGN 3310H  ECS-ECE  3(3,0)
Honors Engineering Analysis-Statics: 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 additional topics, including project work. With Honors content. Fall, Spring.

EGN 3321  ECS-MECH/AERO  3(3,0)
Engineering Analysis-Dynamics: PR: EGN 3310; CR: MAC 2312, MAC 2313, knowledge of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum. Fall, Spring.

EGN 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; energy; impulse and momentum. Occasional.

EGN 3331  ECS-CECE  3(3,0)

EGN 3343  ECS-MECH/AERO  3(3,0)

EGN 3343H  ECS-MECH/AERO  3(3,0)

EGN 3358  ECS-MECH/AERO  3(3,0)

EGN 3365  ECS-MECH/AERO  3(3,0)
Structure and Properties of Materials: PR: MAC 2132, and (CHS 1440 or CHM 205C) 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.

EGN 3365H  ECS-MECH/AERO  3(3,0)
Honors Structure and Properties of Materials: PR: MAC 2132, and (CHS 1440 or CHM 205C) with grades of "C" (2.0) or better in both; and consent of Honors. Atomic bonding; lattices; phonons; crystal structure, defects; diffusion; solidification; phase diagrams; transformations kinetics; mechanical, thermal, electrical, optical, and magnetic properties. With Honors content. Spring.

EGN 3373  ECS-ECE  3(3,0)

EGN 3373H  ECS-ECE  3(3,0)

EGN 3420  ECS-ECE  3(3,0)
Engineering Analysis: PR: EGN 3321, and MAC 2312 with a "C" (2.0) or better. Engineering applications of numerical methods including curve fitting, root operations, root finding, interpolation, integration and plotting. Occasional.

EGN 3613  ECS-IEMS  2(2,0)
Engineering Economic Analysis: PR: MAP 2313 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.
EIN 2002 ECS-IEMS 1(1,0) Introduction to Industrial Engineering and Management Systems: PR: MAC 2311C with a grade of "C" (2.0) or better and sophomore standing. 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 Design and Design: PR: STA 3032 with a grade of "C" (2.0) or better and C.I. Introduction to lean six sigma analysis as applied to design and improvement of work systems in any organization. Various data collection and analysis methods utilized. Fall.

EIN 3359 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 interdepartmental 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 4214 ECS-IEMS 3(3,0) Safety Engineering and Administrative Analysis of accidents in the industrial operating environment. Application of fault trees, OSHA requirements, Consideration of accident costs and organizational aspects of accident prevention. Occasional.

EIN 4243C ECS-IEMS 3(3,0) Human Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Man/machine systems; design and conduct of human engineering studies. Spring.

EIN 4333 ECS-IEMS 3(3,0) Production and Distribution Systems: PR: ESI 4312 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 4391 ECS-IEMS 3(3,0) Manufacturing Engineering: PR: Grade of "C" (2.0) or better in any of the following course options CHM 2045C or CHS 1440 or (CHM 2040 and CHM 2041); and Junior or better standing in 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. Application 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 4242 recommended. Presentation and investigation into the principles required to transform technologists into managers focusing on engineers, scientists, and other professionals providing services in technology-oriented organizations. Fall.

EIN 5111 ECS-IEMS 3(3,0) Management Information 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. 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 3(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 relative 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: Study of the logistics life cycle involving planning, analysis and design, testing, production, distribution, and support. Occasional.

EIN 5356 ECS-IEMS 3(3,0) Cost Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Cost estimation and control of engineering systems throughout the product life cycle. 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 3635 or EMA 3706. Structure, properties, processing of engineering polymeric, ceramic, and composite materials. Occasional.

EMA 3012C ECS-MSE 3(2,2) Experimental Techniques in Mechanics and Materials: PR: EGN 3635, 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 3635 or EMA 3706. Relationship between processing, structure and properties of various engineering materials and their selection in engineering design. Fall.

EMA 3691 ECS-MSE 3(3,0) Nanomaterials Process Engineering: PR: CHS 1440 or CHM 2045C, and PHY 2048 or PHY 2053C and EGN 3365. Nanomaterials, processing, nanomanufacturing, nanomaterials, nanocomposites and computations of devices. Occasional.

EMA 3706 ECS-MECH/AERO 3(3,0) Structure and Properties of Aerospace Materials: PR: (CHS 1440 or CHM 2045C) and MAC 2212 with grades of "C" (2.0) or better and either 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 3343, EGN 3365 or EMA 3706; and a "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 4503 ECS-MSE 3(3,0) Materials Characterization Techniques: PR: EMA 3012, EGN 3635 and EMA 3706. Theory and practice of commonly used techniques for characterization of crystal structure, microstructure and chemistry Occasional.

EMA 4506 ECS-MSE 3(3,0) Emerging Materials: PR: EGN 3635, 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 3635 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 2049C and C.I. Methods of chemical and physical analysis of surfaces, with emphasis on ultraviolet vacuum spectrosopy and utilizing electron, ion and photon probes. Occasional.
processes.

Discussion will include:

- Uses, structure, physical and chemical properties, and the characterization of structure, defects, composition, and thermal properties of metals, semiconductors and insulators, including device examples. Fail.

Enhanced Modernization of Materials:


Scanning Electron Microscopy:

- PR: EMA 5104 or C.I. A review of electron optics, beam/specimen interactions, image formation, X-ray analysis, specimen preparation, microelectronic applications and crystallography in the SEM. Occasional.

Radiometric Solar Energy Materials:


Fundamentals of Electrodes for Electrochemical Devices:

- PR: EGN 3365. Introduction of thin film processing techniques with the structure and properties of the materials deposited. Odd Fall.

Photovoltaic Solar Energy Materials:


Biocompatibility of Materials:

- PR: EGN 3305 or C.I. Biocompatibility and bioactivity; cell-biomaterials interactions; engineering bone and cartilage; soft-tissue replacements; total hip replacements; nanostructured biomaterials, imaging techniques, preparation techniques for biomaterials, MSDS and FDA compatibility data. Occasional.

Laser Materials Processing:

- PR: EGN 3345 or EMA 5108 or C.I. Laser beam optics, laser/material interactions, laser heating, melting, vaporization. Plasma formation; laser surface treatment, welding, machining; laser material synthesis. Thin film deposition, crystal growth.

High Temperature Materials:

- PR: EMA 5104 or C.I. Desired material properties for high temperature applications, physical metallurgy of such materials, corrosion, hot corrosion and oxidation properties, aero- and land-based gas turbine requirements. Occasional.
ENC 3433 CAH-WRITE 3(3,0)
Multimedia Writing and Composition: PR: "C" (2.0) or better required 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 remixing 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 required 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 required 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: "C" (2.0) or better required in ENC 1102. Writing about scientific and technological research and developments for non-scientific audiences, including laypeople and policymakers. With Honors content. 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 nonscientific audiences, including laypeople and policymakers. With Honors content. Occasional.

ENC 3473 CAH-WRITE 3(3,0)
Writing in Disciplines of Culture: 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 required in ENC 1102. An in-depth study of writing, with specific emphasis on the field of 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 Consent of 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 nonprofit 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-WRITE 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 Documentation: 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)
Documenting and 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 of 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 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 partnerships 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 Community-Based Research and Writing: 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 rhetorians.

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: Senior standing. ENC 3331, ENC 3365, and ENC 3386; PR or CR: ENC 4544, ENC 3473, or ENC 4275. Culminating 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. Critical examination of 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 content. Occasional.

ENC 4434 CAH-ENG 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-ENG 3(3,0)
Creative 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.
UCF Courses and Descriptions

ENGL 1102 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.

ENGL 2012 CAH-ENG 3(3,0)
English Literature I: PR: Grade of C (2.0) or better required in ENC 1102. Study of Shakespeare's plays. May be repeated for credit. Occasional.

ENGL 2045 CAH-ENG 3(1,0)
Trends in Literary, Cultural, and Textual Studies: PR: Grade of "C" (2.0) or better in ENC 1102. Study of conceptual and theoretical contexts of literary criticism. Occasional.

ENGL 2046 CAH-ENG 3(1,0)
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.

ENGL 2047 CAH-ENG 3(1,0)
Writing Pedagogy: PR: Grade of "C" (2.0) or better required in ENC 1102. Focus on the craft of writing, with emphasis on principles and practices of composition. Occasional.

ENGL 2048 CAH-ENG 3(1,0)
Writing for the Business Professional: PR: Grade status or senior standing or C.I. A study of the major document designs for professionals in business, focusing on audience, purpose, style, arrangements, and context. Fall, Spring.

ENGL 2049 CAH-ENG 3(1,0)
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.

ENGL 2050 CAH-ENG 3(1,0)
Theory and Practice of Tutoring Writing: PR: Junior standing and ENC 3331 and ENGL 3836. Training and practice in professional writing and literacy practices around knowledge management work in organizations and communities. Fall, Spring.

ENGL 2051 CAH-ENG 3(1,0)
Marketing Your Writing: PR: Grade of "C" (2.0) or better in ENC 3011 Study of marketing principles and techniques used in the business and professional worlds. Fall, Spring.

ENGL 2052 CAH-ENG 3(1,0)
Professional Lives and Literacy Practices: PR: Grade of "C" (2.0) or better in ENC 3012 Study of professional writing and literacy practices around knowledge management work in organizations and communities. Fall, Spring.

ENGL 2053 CAH-ENG 3(1,0)
Computer Ethics: PR: Grade of C (2.0) or better in ENC 3013. Course on design of air pollution control equipment and engineering design, and operation of air pollution control systems. Fall.

ENGL 2054 CAH-ENG 3(1,0)
Gothic Literature: PR: Grade of "C" (2.0) or better required in ENC 1102. A study of literary 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.

ENGL 2055 CAH-ENG 3(1,0)
Restoration Literature: PR: Grade of C (2.0) or better in ENC 3013. Reading, analysis, and discussion of Shakespeare's plays. May be repeated for credit. Occasional.

ENGL 2056 CAH-ENG 3(1,0)
The Victorian Age: PR: Grade of "C" (2.0) or better required in ENC 3014. Essays and fiction of the nineteenth century. Occasional.

ENGL 2057 CAH-ENG 3(1,0)
Modern British Literature: PR: Grade of C (2.0) or better required in ENC 3014. Major writers of modern British literature. Occasional.

ENGL 2058 CAH-ENG 3(1,0)
British Authors: PR: ENC 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.

ENGL 2059 CAH-ENG 3(1,0)
Milton and His Age: PR: Grade of C (2.0) or better required in ENC 3014. Paradise Lost, Paradise Regained, Samson Agonistes, shorter poems and selected prose. Occasional.

ENGL 3001 ECS-CECE 3(3,0)
Introduction to Environmental Engineering: PR: A grade of "C" (2.0) or better in ENC 3015. Course on design of air pollution control equipment and engineering design, and operation of air pollution control systems. Fall.

ENGL 4120 ECS-CECE 3(3,0)
Air Pollution Control: PR: ENG 3433, 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.

ENGL 4122 ECS-CECE 3(2,2)
Air Pollution Control Design: PR: ENG 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.

ENGL 4300 ECS-CECE 3(3,0)
Solid Waste Facility Design: PR: ENG 4341 with a grade of "C" (2.0) or better and department consent. Project course on design of a municipal solid waste landfill. Occasional.
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 111C, 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 3201 both with a minimum grade of "C" (2.0) or better. Water and wastewater treatment design considerations with efficient and sludge handling, operation, 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 denitration. Fall, Spring.

ENV 4562C ECS-CECE 3(2,2) Water Treatment: Design. PR: EES 4200C or 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) Sludge Management Operations in Environmental Engineering: PR: ENV 4561. Theory and design of sludge management operations and processes in environmental engineering, including stabilization dewatering and ultimate disposal. Occasional.

ENV 5517 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.


EPD 3595 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 in the general populations. Physical interventions and first-aid practices are examined. Occasional.


ESE 4942 ED-TL&L 1(1,0) Internship II Seminar: PR: Internship I in the specific discipline. C.I. Internship II in the specific discipline. Culminating seminar emphasizing current classroom management and assessment issues, as they relate to teaching in the secondary grades. Fall, Spring.


ESE 4221 ECS-IEMS 3(3,0) Empirical Methods for Industrial Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Application of empirical methods for industrial engineering problem solving.

ESE 4234 ECS-IEMS 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-IEMS 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-IEMS 3(2,2) Systems Simulation I: C.I. ESE 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-IEMS 3(2,2) Industrial Engineering Applications of Computers: C.R. 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-IEMS 3(3,0) Engineering Statistics: PR: C.I. Discrete and continuous probability distributions, hypothesis testing, analysis, nonparametric stats and ANOVA. Fall, Spring.

ESE 5227 ECS-IEMS 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-IEMS 3(3,0) Reliability Engineering: PR: ESE 4234 or equivalent, or C.I. Reliability theory and modeling approaches. Topics include: failure data analysis, maintainability, reliability standards (DOD), software reliability, reliability in design, and electronic systems reliability. Fall.

ESI 5306 ECS-IEMS 3(3,0) Operations Research: PR: STA 3032. Methods of operations research, including formulation for models and derivation of solutions; linear programming, network models, queuing theory, simulation, and nonlinear optimization techniques. Fall.

ESI 5359 ECS-IEMS 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.

ESI 5419C ECS-IEMS 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.

ESI 5552 ECS-IEMS 3(3,0) Discrete System Simulation: PR: STA 3032. Methods for performing discrete systems simulation, including network modeling, will be treated. Spring.


ETI 4186 ECS-ECS 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-ECS 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-ECS 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-ECS 3(3,0) Operations Management for Technologists: PR: ETI 4448. Scheduling techniques (PERT, CPM) are presented. Time Study Methods, Work Sampling and MTM are covered. Fall.

EUE 2000 CAH-HIST 3(3,0) Western Civilization I: A survey of western civilization from ancient to 1648. Fall, Spring.


EUE 2001 CAH-HIST 3(3,0) Western Civilization II: A survey of western civilization from 1648 to present. May be taken before EUE 2000. Fall, Spring.


EUE 3122 CAH-HIST 3(3,0) Medieval Society and Civilization: PR: EUE 2000 and 2001 or C.I. Fall, Spring.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 3124</td>
<td>CAH-HIST Mediaeval World</td>
<td>3(3,0)</td>
<td>Focuses on crusading in medieval Europe and the Middle East, including theories of &quot;just war&quot; and jihad.</td>
</tr>
<tr>
<td>EUH 3142</td>
<td>CAH-HIST Renaissance and Reformation</td>
<td>3(3,0)</td>
<td>Explores the concept of crusading in medieval Europe and the Thirty Years' War.</td>
</tr>
<tr>
<td>EUH 3180</td>
<td>CAH-HIST Sorcerers, Saints and Heretics</td>
<td>3(3,0)</td>
<td>Examines the influence of Renaissance humanism on arts, science, and politics; Luther and Protestantism; the Catholic Counter-Reformation.</td>
</tr>
<tr>
<td>EUH 3201</td>
<td>CAH-HIST Second World War and Rebirth of Europe</td>
<td>3(3,0)</td>
<td>Analyzes the impact of the modern nation-state on medieval Europe; reunification of Russia; reorganization of the Roman Empire.</td>
</tr>
<tr>
<td>EUH 3211</td>
<td>CAH-HIST Modern Europe and the First World War</td>
<td>3(3,0)</td>
<td>Surveys the impact of modern nation-states on the development of Europe from the 18th to 20th centuries.</td>
</tr>
<tr>
<td>EUH 3235</td>
<td>CAH-HIST Romanticism and Realism</td>
<td>3(3,0)</td>
<td>Examines the impact of romanticism, republicanism, and socialism on Europe; urbanization, technology, mass culture, and religion in Europe.</td>
</tr>
<tr>
<td>EUH 3411</td>
<td>CAH-HIST Ancient Rome</td>
<td>3(3,0)</td>
<td>Focus on the development of Rome from the Roman Republic to the early Middle Ages.</td>
</tr>
<tr>
<td>EUH 3431</td>
<td>CAH-HIST History of Modern Italy</td>
<td>3(3,0)</td>
<td>Surveys the history of modern Italy from the origins of the nation-state to the present.</td>
</tr>
<tr>
<td>EUH 3441</td>
<td>CAH-HIST Early Modern France</td>
<td>3(3,0)</td>
<td>Focuses on the development of modern nation-states in Europe from the 14th to the 18th centuries.</td>
</tr>
<tr>
<td>EUH 3451</td>
<td>CAH-HIST History of Modern France</td>
<td>3(3,0)</td>
<td>Examines the development of modern nation-states in Europe from the 14th to the 18th centuries.</td>
</tr>
<tr>
<td>EUH 3531</td>
<td>CAH-HIST Medieval Ireland</td>
<td>3(3,0)</td>
<td>Studies the history of medieval Ireland from the 12th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 3536</td>
<td>CAH-HIST Early Modern Ireland</td>
<td>3(3,0)</td>
<td>Focuses on the history of modern Ireland from the 12th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 3538</td>
<td>CAH-HIST Modern Ireland</td>
<td>3(3,0)</td>
<td>Examines the modern history of Ireland from the 17th to the 20th centuries.</td>
</tr>
<tr>
<td>EUH 3651</td>
<td>CAH-HIST War and Society</td>
<td>3(3,0)</td>
<td>Examines the evolution of warfare, tactics, society, role, social status, recruitment of soldiers, influence of military on governments.</td>
</tr>
<tr>
<td>EUH 4283</td>
<td>CAH-HIST Cold War Homefronts</td>
<td>3(3,0)</td>
<td>Focuses on the Cold War from the Homefront perspective addressing both sides of the Iron Curtain.</td>
</tr>
<tr>
<td>EUH 4284</td>
<td>CAH-HIST Fascism and Nazism in the Interwar Europe</td>
<td>3(3,0)</td>
<td>Examines the impact of fascism and Nazism on modern Europe, with a focus on the role of Germany and Italy.</td>
</tr>
<tr>
<td>EUH 4400</td>
<td>CAH-HIST The History of Ancient Greece</td>
<td>3(3,0)</td>
<td>Examines the history of ancient Greece from the Bronze Age to the Hellenistic era.</td>
</tr>
<tr>
<td>EUH 4426</td>
<td>CAH-HIST Sex and Gender in Antiquity</td>
<td>3(3,0)</td>
<td>Focuses on the changing situation of women in Europe from the 5th to the 4th centuries.</td>
</tr>
<tr>
<td>EUH 4465</td>
<td>CAH-HIST Hitler's Third Reich</td>
<td>3(3,0)</td>
<td>Examines the impact of Hitler's Third Reich on modern Europe, with a focus on the role of Germany and Italy.</td>
</tr>
<tr>
<td>EUH 4500</td>
<td>CAH-HIST History to 1485</td>
<td>3(3,0)</td>
<td>Surveys the history of Europe from the 15th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 4501</td>
<td>CAH-HIST English History</td>
<td>3(3,0)</td>
<td>Examines the history of Europe from the 15th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 4502</td>
<td>British History: 1165-present</td>
<td>3(3,0)</td>
<td>Examines the history of Europe from the 12th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 4571</td>
<td>CAH-HIST History of Russia to 1801</td>
<td>3(3,0)</td>
<td>Examines the history of Russia from the 12th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 4574</td>
<td>CAH-HIST History of Russia to 1811-1917</td>
<td>3(3,0)</td>
<td>Examines the history of Russia from the 12th to the 16th centuries.</td>
</tr>
<tr>
<td>EUH 4576</td>
<td>CAH-HIST History of Russia to the 20th Century</td>
<td>3(3,0)</td>
<td>Examines the history of Russia from the 12th to the 21st centuries.</td>
</tr>
<tr>
<td>EUH 4582</td>
<td>CAH-HIST 20th Century Russian Diplomatic History</td>
<td>3(3,0)</td>
<td>Examines the diplomatic history of Russia from the signing of the Entente Cordiale to the Cold War.</td>
</tr>
<tr>
<td>EUH 4610</td>
<td>CAH-HIST Women in European Society</td>
<td>3(3,0)</td>
<td>Examines the history of women in Europe from the Middle Ages to the 21st century.</td>
</tr>
<tr>
<td>EUH 4610H</td>
<td>CAH-HIST Women in European Society: Modern</td>
<td>3(3,0)</td>
<td>Focuses on the role of women in European society from the 17th to the 21st century.</td>
</tr>
<tr>
<td>EUH 4620</td>
<td>CAH-HIST European Great Powers: 1815-1914</td>
<td>3(3,0)</td>
<td>Examines the impact of European Great Power conflicts on modern Europe, with a focus on the role of Germany and Italy.</td>
</tr>
<tr>
<td>EUH 4663</td>
<td>CAH-HIST History of Communism in Europe</td>
<td>3(3,0)</td>
<td>Focuses on the history of communism in modern Europe from the mid-19th century to the fall of the Berlin Wall.</td>
</tr>
<tr>
<td>EUH 4674</td>
<td>CAH-HIST Honors Sports &amp; Society in the Ancient World</td>
<td>3(3,0)</td>
<td>Examines the role of sports and society in the history of ancient Greece from the 3rd to the 1st millennium B.C.</td>
</tr>
<tr>
<td>EUH 4674H</td>
<td>CAH-HIST Cold War Homefronts</td>
<td>3(3,0)</td>
<td>Examines the impact of the Cold War on modern Europe, with a focus on the role of Germany and Italy.</td>
</tr>
<tr>
<td>EUH 5247</td>
<td>CAH-HIST Colloquium in Europe from 1919-1939</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Europe from the 1919 to the 1939.</td>
</tr>
<tr>
<td>EUH 5285</td>
<td>CAH-HIST Colloquium in Europe Since World War II</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Europe from the 1939 to the present.</td>
</tr>
<tr>
<td>EUH 5415</td>
<td>CAH-HIST Rome and Early Christianity</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of Rome and early Christianity.</td>
</tr>
<tr>
<td>EUH 5419</td>
<td>CAH-HIST Colloquium in Roman History</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Rome.</td>
</tr>
<tr>
<td>EUH 5459</td>
<td>CAH-HIST Colloquium in French History</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern France.</td>
</tr>
<tr>
<td>EUH 5546</td>
<td>CAH-HIST Colloquium: British History</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Britain.</td>
</tr>
<tr>
<td>EUH 5579</td>
<td>CAH-HIST Colloquium in Soviet Russia</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Soviet Russia</td>
</tr>
<tr>
<td>EUH 5955</td>
<td>CAH-HIST Colloquium in Czarist Russia</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Russia.</td>
</tr>
<tr>
<td>EUH 5905</td>
<td>CAH-HIST European Imperialism</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Europe.</td>
</tr>
<tr>
<td>EUH 5925</td>
<td>CAH-HIST Colloquium in Medieval Europe</td>
<td>3(3,0)</td>
<td>Examines the role of sport in the history of modern Europe.</td>
</tr>
</tbody>
</table>
UCF Courses and Descriptions

EVR 1001 COS-BIOL 3(3,0)
Introduction to Environmental Science: Environmental science and environmental systems in the context of real places, real people, real problems and real data. Fall.

EXP 3204C COS-PSYCH 4(3,2)

EXP 3250 COS-PSYCH 3(3,0)

EXP 3304C COS-PSYCH 3(3,2)

EXP 3404C COS-PSYCH 3(3,2)

EXP 3606C COS-PSYCH 4(3,2)

EXP 3606C COS-PSYCH 3(3,0)

EXP 4507C COS-PSYCH 3(1,4)

EXP 5208 COS-PSYCH 3(3,0)
Sensation and Perception: PR: Graduate status or senior standing or C.J. A study involving human information processing with regard to physical and psychological variables in sensory and perceptual phenomena. Even Fall.

EXP 5254 COS-PSYCH 3(3,0)
Human Factors and Aging: PR: Graduate standing, post bac, or senior standing with C.J. An overview of issues related to enhancing quality of life of elderly through the implementation of basic human factors principles in environmental and task design. Even Fall.

EXP 5256 COS-PSYCH 3(3,0)
Human Factors I: PR: Graduate status or senior standing or C.J. Survey of human factors literature. Introduction to topics regarding human capabilities and human interfaces with human-machine systems. Fall.

FIL 1000 CAH-SVAD 3(3,0)
Cinema Survey: Introductory course that focuses on different approaches to studying cinema. Fall, Spring.

FIL 1000H CAH-SVAD 3(3,0)
Honors Cinema Survey: PR: Permission of Honors. Introductory course that focuses on different approaches to studying cinema. Honors version. Fall, Spring.

FIL 1007 CAH-SVAD 3(3,0)
Foundations of Storytelling: PR: Digital Media or Cinema Studies major, or Cinema Studies minor. Analysis of dramatic and cinematic narrative structures, both plot and character, and from historical and cultural perspectives. Fall, Spring.

FIL 1008 CAH-SVAD 3(3,0)
Cinematic Expression/Aesthetics: PR: Digital Media or Cinema Studies major. Studies and analysis of aesthetic principles essential in filmmaking, including composition, motion picture, image design, lighting styles. Fall, Spring. M & S fee $5.00.

FIL 2030 CAH-SVAD 3(2,2)
History of Motion Pictures: The history of motion pictures as art and industry; from 1895 to the present. Fall, Spring.

FIL 2107 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.

FIL 2423 CAH-SVAD 3(3,0)
Foundations of Production: PR: Digital Media or Cinema Studies major, or Cinema Studies minor. Basic production techniques used in filmmaking. Students must supply their own video equipment and editing equipment. Any format is acceptable. Fall, Spring.

FIL 2461 CAH-SVAD 3(3,0)
Cinematography I: PR: FIL 2552 and FIL 2480. Concepts and tools of cinematography and lighting. Fall, M&S fee $5.00.

FIL 2480 CAH-SVAD 3(3,0)

FIL 2481 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.

FIL 2552 CAH-SVAD 3(3,0)
Editing I: PR: FIL 1008 and FIL 3472C. PR or CR: FIL 3115. Basic editing concepts and techniques, using nonlinear editing systems. Spring.

FIL 3006 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.

FIL 3035C CAH-SVAD 3(3,1)
Film Histories I: 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.

FIL 3036 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.

FIL 3037 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.

FIL 3041 CAH-SVAD 3(3,0)
History of Animated Films I: PR: Cinema Studies. Art, animation and cinema in terms of the evolution of animation from its roots in Art, Theatre, and Novelty Inventions to its rise as a cinematic force of popular storytelling. Even Fall.

FIL 3051 CAH-SVAD 3(3,0)

FIL 3074C 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.

FIL 3075C 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, montage, and superimposition, and simultaneously Spring.

FIL 3076C CAH-SVAD 3(3,1)
Film and Modernism II: PR: FIL 3075C 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.

FIL 3102 CAH-SVAD 3(3,0)
Writing for Film and TV: PR: Junior standing, ENC 1102, and FIL 1007. Theories and process of screen writing for motion pictures and television. Students learn how to create stories and scripts for the entertainment marketplace. Fall, Spring.

FIL 3115 CAH-SVAD 3(3,0)
Short Script I: PR: FIL 2107 and Film BFA or Cinema Studies major, or C.J. 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.

FIL 3132 CAH-SVAD 3(3,0)
Short Script II: PR: FIL 3115 and Film BFA or World Cinema major, or C.J. Advanced writing of short scripts in preparation for Capstone 1 and 2 courses. Spring.

FIL 3304C CAH-SVAD 3(1,3)
Documentary Vision: PR: FIL 3363C. Styles and approaches to documentary filmmaking, with emphasis on making short, personal films. Spring.

FIL 3307 CAH-SVAD 3(3,0)
Docuscramula: PR: FIL 2107 and Film BFA, World Cinema, or Cinema Studies major, or C.J. Techniques to dramatize real-life events and persons, with emphasis on representation, adaptation and ethics. Occasional.

FIL 3363C 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.

FIL 3379C CAH-SVAD 3(3,6)
Advanced Documentary Production: PR: FIL 3363C and FIL 3845, or C.J. Processes and principles of advanced documentary production to capture on-going reality based situations. Occasional.

FIL 3379C CAH-SVAD 3(3,6)
Honors Advanced Documentary Workshop: PR: ENC 1102 and Consent of Honors or C.J. 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.

FIL 3427C 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.

FIL 3455C CAH-SVAD 6(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.

FIL 3462C 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.

FIL 3483 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.
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 Experimental 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: FIL 3036 or FIL 3037, or C.I. Post-World War II period of the Italian cinema, culture. Fall, Spring.

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, or C.I. Intensive study 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 3803C. Modes of cinema criticism. Occasional.

FIL 3860C CAH-SVAD 3(0,1)
The Shot, Framing, Point of View: PR: FIL 3035C. Approaches to the shot, framing and point of view. Occasional.

FIL 3861C CAH-SVAD 3(3,1)

FIL 3862C CAH-SVAD 3(0,1)
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 3865C CAH-SVAD 3(0,1)

FIL 3870C CAH-SVAD 3(3,1)

FIL 3871C CAH-SVAD 3(3,0)
The American Film Artist: PR: FIL 2100. Analysis of a major filmmaker’s style, vision and works; how these evolved and their impact on film and the culture. May be repeated for credit. Fall. M&G fee $5.00

FIL 3876C CAH-SVAD 3(3,1)
Experimental Cinema I: PR: FIL 3075C. A notion of cinema as an expansion of 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 conceptions 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 3041. Evolution of animation since World War II. Fall, Spring.

FIL 4042 CAH-SVAD 3(3,0)

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 4162C CAH-SVAD 3(2,3)
Feature/TV Writing I: PR: Film BFA, World Cinema, or Cinema Studies major, or Cinema Studies minor, and FIL 3115, or C.I. Writing workshop, examination of stylistic storytelling, and ethics of scriptwriting. Fall.

FIL 4163C CAH-SVAD 3(2,3)
Feature/TV Writing II: PR: FIL 4162C. Advanced writing workshops, principles and methods of adaptation and reader’s coverage. Spring.

FIL 4301C CAH-SVAD 3(1,3)
Documentary Workshop I: PR: FIL 3383C or C.I. Socially significant documentary projects for community groups, heritage organizations, non-profit agencies using film, video and digital media. Fall.

FIL 4302C CAH-SVAD 3(1,3)
Documentary Workshop II: PR: FIL 4301C or C.I. Advanced documentary projects for community groups, heritage 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 4434C CAH-SVAD 3(2,4)
Capstone I: PR: FIL 3132 and Film BFA or 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 3108 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.
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)
Montage: PR: FIL 3075C and FIL 3076C. A study of montage primarily but not exclusively in film. Emphasizing the way montage constructs corelities 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 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-Entre 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-Entre 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 S/U. May be used in the degree program a maximum of 6 times. Fall.

FIN 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 3030C 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 institutions. Theories and mathematics of interest rates. Fall, Spring.
FIN 4560C BA-FIN  4(3,1)
Applied Portfolio Management 1: PR: Finance major, FIN 4303C and FIN 3303, 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 2: 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(3,0)
International Financial Management: PR: FIN 3403C and FIN 3303, each with a “C” (2.0) or better; open to majors or minors which require this course. Analysis of the foreign financial methods and investment, currency futures market, capital budgeting, cash management, examination of Eurocurrency market and international bond markets. Fall, Spring.

FIN 4730 BA-FIN  3(3,0)
Senior Financial Consulting I: PR: Finance major. FIN 3403C and FIN 3303, each with a “C” (2.0) or better; CR: FIN 4141, 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 4731 BA-FIN  3(3,0)
Senior Financial Consulting II: PR: Finance major. FIN 4730 with a “C” (2.0) or better. Project management in a collaborative, interdisciplinary team environment. Incorporates financial problem solving, design, and consulting in projects for major corporations. Part 2 of two semester 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 2.75 and consent of department chair. Supervised finance work experience in a pre-approved sponsoring organization. See department for information and application. Graded S/U. Fall, Spring.

FLE 3160 ED-TL&L  3(3,0)
Education and Culture/Language Diversity: PR: Admission to 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 diversity. Occasional.

FLE 4314 ED-TL&L  3(3,0)
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(3,0)
Foreign Language Teaching in the Secondary School: PR: EDG 4410, 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(3,0)
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(3,0)
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. Introduction to French civilization. Fall, Spring.

FRE 1121C CAH-LANG  4(3,1)
Elementary French Language and Civilization II: PR: FRE 1120C or equivalent. Continuation of FRE 1120C. Fall, Spring.

FRE 2200 CAH-LANG  3(0,3)
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(3,1)
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(0,3)
Intensive French Conversation: PR: One year of French or equivalent. Practical use of the language, leading to fluency and correctness in speaking. Occasional.

FRE 2270 CAH-LANG  8(16,10)

FRE 3300 CAH-LANG  3(0,3)
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(0,3)
Advanced Oral French Abroad: PR: FRE 2201 or equivalent. Designed for students participating in the Study Abroad Program in France. Students will be immersed throughout in the speaking French. May be repeated for credit. Occasional.

FRE 3420 CAH-LANG  3(0,3)
French Composition: PR: FRE 2201 or equivalent. Development of skills in composition. Fall.

FRE 3423 CAH-LANG  3(0,3)
Advanced French Grammar Abroad: PR: FRE 2200, FRE 2201 or equivalent. Students will be immersed throughout in 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(0,3)

FRE 3441 CAH-LANG  3(0,3)

FRE 3760 CAH-LANG  3(0,3)

FRE 3780 CAH-LANG  3(0,3)
French Phonetics and Diction: French phonology, with emphasis on phonetic groupings. Spring.

FRE 3954 CAH-LANG  6(0,6)
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(0,3)
Advanced French Conversation: PR: FRE 3760. Advanced conversation on directed topics from various disciplines; literature, art, psychology, philosophy, music, business, and the sciences. Fall.

FRE 4422 CAH-LANG  3(0,3)
Advanced French Composition: PR: FRE 3420. Readings and written imitations of modern literary styles in the form of themes, sketches, poems, and original stories. Spring.

FRE 4471 CAH-LANG  6(6,0)
Advanced French Cultural Studies Abroad: PR: FRE 2201 or equivalent, or C.I. Students will develop strong intercultural skills at the third year level while studying French culture abroad. May be repeated for credit. Occasional.

FRE 4500 CAH-LANG  3(0,3)

FRE 4503 CAH-LANG  2(0,2)
Quebecois Civilization: PR: 2 years of college 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(0,2)
Advanced French Phonetics and Diction: PR: 2 semesters 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(0,3)
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(0,3)
French Contemporary Pop Culture: PR: FRE 2200. Examination of Modern France and its culture, with emphasis on contemporary trends in language, music, fashion, fiction, press, cyberculture, street arts, and food. Occasional.

FRT 4420 CAH-LANG  3(0,3)
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(0,3)
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(0,3)
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(0,3)
Short Stories of 18th, 19th and 20th Centuries: PR: FRE 2201 or equivalent. Selected stories designed to improve reading speed and develop analytical abilities. Authors include: Voltaire, Maupassant, Flaubert, Camus, and others. Occasional.

FRW 3740 CAH-LANG  3(0,3)

FRW 3752 CAH-LANG  3(0,3)
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(0,3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRW 3770</td>
<td>CAH-LANG</td>
<td>Francophone: Literature</td>
<td>PR: FRE 2201</td>
<td>3(3,0)</td>
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<tr>
<td>FRW 3810</td>
<td>CAH-LANG</td>
<td>French Literary Texts and Analysis</td>
<td>PR: FRE 2201</td>
<td>3(3,0)</td>
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<tr>
<td>FRW 4281</td>
<td>CAH-LANG</td>
<td>20th Century French Novels</td>
<td>PR: FRW 3100 or FRW 3101</td>
<td>3(3,0)</td>
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<tr>
<td>HFT 1000, FSS 2221C, HFT 3263</td>
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<td>Fall, Spring</td>
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<tr>
<td>FSS 4286C</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Catering and Banquet Organization</td>
<td>PR: HFT 1000, FSS 2221C, HFT 3263, and Junior standing. Methods and procedures for successful on and off premise catering functions.</td>
<td>3(3,1)</td>
</tr>
<tr>
<td>GE 4405</td>
<td>CAH-LAS</td>
<td>Geography of Latin America</td>
<td>PR: ENC 1102 or C.I. Geography of Latin America and the Caribbean, including geophysical, cultural, economic, and social characteristics and processes.</td>
<td>3(3,0)</td>
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<tr>
<td>M&amp;S fee $70.00</td>
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<tr>
<td>FSS 4324</td>
<td>CAH-LANG</td>
<td>Early Modern French Fairy Tales</td>
<td>PR: FRW 3100</td>
<td>3(3,0)</td>
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<tr>
<td>FRW 4440</td>
<td>CAH-LANG</td>
<td>French Literature of the Eighteenth Century</td>
<td>PR: FRW 3100</td>
<td>3(3,0)</td>
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<tr>
<td>FSS 4522</td>
<td>CAH-LANG</td>
<td>Latin American Literature</td>
<td>PR: FRW 3100</td>
<td>3(3,0)</td>
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<tr>
<td>FSS 4525</td>
<td>CAH-LANG</td>
<td>Nineteenth Century French Literature</td>
<td>PR: FRW 3101</td>
<td>3(3,0)</td>
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<tr>
<td>FSS 4820</td>
<td>CAH-LANG</td>
<td>Stylistics</td>
<td>PR: FRE 3420 or equivalent</td>
<td>3(3,0)</td>
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<tr>
<td>FSS 2221C</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Food Preparation</td>
<td>PR: HFT 1000</td>
<td>4(3,3)</td>
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<td>Basic principles and practice of food and beverage preparation, service, and menu development.</td>
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<td>Fall, Spring. M&amp;S fee $70.00</td>
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<tr>
<td>FSS 2284C</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Food Preparation for Catered Events</td>
<td>PR: HFT 1000</td>
<td>4(3,3)</td>
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<td>Basic principles and practice of food preparation and menu development for catered events. Methods and procedures for on and off premise catered events.</td>
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<td>Fall, Spring. M&amp;S fee $70.00</td>
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<tr>
<td>FSS 3008</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Culture and Cuisine</td>
<td>PR: HFT 1000 and FSS 2221C</td>
<td>3(3,0)</td>
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<tr>
<td>FSS 3124</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Supply and Procurement Management</td>
<td>PR: HFT 1000, FSS 2221C, HFT 3263, and Junior standing.</td>
<td>3(3,0)</td>
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<td>The purchasing procedures, specifications, and controls of food and related products in the hospitality industry.</td>
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<td>Fall, Spring. M&amp;S fee $45.00</td>
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<tr>
<td>FSS 3232C</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Intermediate Techniques of Food Production</td>
<td>PR: HFT 1000 and FSS 2221C. An advanced food production course which provides the student the opportunity to develop skills in pantry, garde manger, garnishing, and convenience foods and services. Laboratory class.</td>
<td>3(1,3)</td>
</tr>
<tr>
<td>FSS 4315</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Corporate Contract and Managed Services Organizations</td>
<td>PR: HFT 3263 and Junior standing. The unique characteristics of managed services including contracting, commodity purchasing, pricing, and revenue management. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>FSS 4826C</td>
<td>RCHM-FOOD&amp;LODG</td>
<td>Catering and Banquet Organization</td>
<td>PR: HFT 1000, FSS 2221C, HFT 3263, 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.</td>
<td>3(3,1)</td>
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<td>Fall, Spring.</td>
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<tr>
<td>GEB 3003</td>
<td>BA-MAN</td>
<td>Business Negotiation and Planning</td>
<td>PR: HFT 3263 and Junior standing.</td>
<td>1(1,0)</td>
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<tr>
<td>GEB 3005</td>
<td>BA-MAN</td>
<td>Career Search</td>
<td>PR: HFT 3263, FSS 2221C, and Junior standing.</td>
<td>1(1,0)</td>
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<tr>
<td>GEB 3031</td>
<td>BA-MAN</td>
<td>Career Research &amp; Planning</td>
<td>PR: Admission to the College of Business</td>
<td>3(3,0)</td>
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<tr>
<td>GEB 3113</td>
<td>BA-MAN</td>
<td>Creativity and Entrepreneurship</td>
<td>PR: Sophomore Standing. Discovering and assessing opportunities, creating solutions, and formulating sustainable business models necessary to deliver benefits to society and markets.</td>
<td>3(3,0)</td>
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<tr>
<td>GEB 3375</td>
<td>BA-FIN</td>
<td>Introduction to International Business</td>
<td>PR: Junior standing and AC 2171, ECO 2103 and ECO 2102, each with a “C” (2.0) or better. Understanding the interdependence of globalized world economy and similarities between domestic and international business domains.</td>
<td>3(3,0)</td>
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<tr>
<td>GEB 3375H</td>
<td>BA-FIN</td>
<td>Honors Introduction to International Business</td>
<td>PR: Junior standing, permission of Honors College. In AC 2171, ECO 2103, and ECO 2102, 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.</td>
<td>3(3,0)</td>
</tr>
</tbody>
</table>
GRA 3803C CAH-SVAD 3(2,4) Intermediate Computer Graphic Design: PR: GRA 3102C or declared Web Design Track, ART 2201C, ART 2300C, and DIG 3717C. Graphic design techniques and methods relating to web design and development. Fall, Spring.

GRA 3950 CAH-SVAD 0(0,0) Graphic Design Portfolio Application: PR: ART 2201C, ART 2300C, ART 2301C, and a satisfactory portfolio, as well as to constitute an introduction to Israeli culture. May be used in the degree program a maximum of 3 times. Spring. M&S fee $45.00.

GRA 4154C CAH-SVAD 3(2,4) Advanced Illustration: PR: ART 2201C, ART 2300C, and a satisfactory portfolio, as well as to constitute an introduction to Israeli culture. May be used in the degree program a maximum of 3 times. Spring. M&S fee $45.00.

GRA 4196C CAH-SVAD 3(2,4) Advanced Graphic Design: PR: GRA 3112C or C.I. Practical studio problems, with emphasis on organization of visual design elements. Fall. M&S fee $43.00.

GRA 4197C CAH-SVAD 3(2,4) 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. Spring. M&S fee $45.00.

GRA 4802C CAH-SVAD 3(2,4) Advanced Computer Graphic Design: PR: GRA 3102C and GRA 3803C. Graphic design techniques and methods related to motion graphics. Odd Fall, Spring. M&S fee $15.00.

HBR 1120 CAH-JUD 4(4,0) Elementary Modern Hebrew Language and Culture I: Designed to initiate the student to the major language elements of Modern Hebrew, as well as to constitute an introduction to Israeli culture. Fall.

HBR 1121 CAH-JUD 4(4,0) Elementary Modern Hebrew Language and Culture II: PR: HBR 1120 or equivalent. Continuation of HBR 1120. Spring.

HBR 2200 CAH-JUD 3(3,0) 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.

HBR 2201 CAH-JUD 3(3,0) Intermediate Modern Hebrew II: PR: HBR 2200. Further development of Hebrew language abilities in reading, listening, speaking, reading, and writing. Occasional.

HBR 3250 CAH-JUD 3(3,0) Biblical Hebrew: PR: HBR 1121 or C.J. Grammatical and syntactical structure of Biblical Hebrew. Occasional.

HBR 3410 CAH-JUD 3(3,0) Conversational Israeli Hebrew: PR: HBR 1120, HBR 1121 or equivalent, C.I. Study and practice of contemporary conversational Israeli Hebrew. Occasional.


HFT 2500 RCHM-HSP SERV 3(3,0) 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.

HFT 2750 RCHM-TEA 3(3,0) 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.

HFT 2843 RCHM-FOOD&LODG 3(3,0) Sanitation in the Food Service Industry: Causes and prevention of food spoilage and food borne illnesses. Includes National Restaurant Association (NRA) certification. Fall, Spring.

HFT 3263 RCHM-FOOD&LODG 3(3,0) Restaurant Management: PR: HFT 1000, FSS 2221C, and junior standing. Discussion of the topics integral to the successful management of restaurant and food service organizations. Fall, Spring.

HFT 3323 RCHM-TEA 3(3,0) 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.

HFT 3353 RCHM-TEA 3(3,0) Principles of Resort Timesharing: PR: HFT 1000. Principles of resort timeshare operations and ownership. Fall, Spring.

HFT 3354 RCHM-TEA 3(3,0) Agronomy for Golf Course Management: PR: HFT 3353. Primary roles and responsibilities of the golf course superintendent. Occasional.

HFT 3357 RCHM-TEA 3(3,0) Golf & Club Event Operations: PR: HFT 1000, HFT 2500. Develop, plan, and organize golf tournaments of all types. Occasional.

HFT 3373 RCHM-TEA 3(3,0) Event Design, Production & 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.

HFT 3384 RCHM-TEA 3(3,0) 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.

HFT 3343 RCHM-TEA 3(3,0) Event Technology: PR: HFT 1000 and HFT 2500, 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.

HFT 3443 RCHM-TEA 3(3,0) Hospitality Information Systems: PR: ECO 2013 or ECO 2023, and CGS 2100, MAC 1105, HFT 2254. 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.

HFT 3512 RCHM-TEA 3(3,0) Event Promotion: PR: HFT 1000, HFT 2500, and C.I. Promotion of events to sponsors, attendees, exhibitors and other participants. Occasional.

HFT 3519 RCHM-TEA 3(3,0) Event Services: PR: HFT 2750 and HFT 3433. The acquisition and management of services integral to the success of events. The supply side of the event industry. Fall, Spring. M&S fee $32.00.

HFT 3523 RCHM-TEA 3(3,0) 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.

HFT 3540 RCHM-TEA 3(3,0) Hospitality Franchising: PR: HFT 2254 or HFT 3263, HFT 2500, HFT 3431 and Junior standing. Addresses the legal requirements for franchising, contract rates, responsibilities, size, structure, and history. Spring.

HFT 3673 RCHM-TEA 3(3,0) 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.

HFT 3700 RCHM-TEA 3(3,0) 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-disciplined industry composed of many sectors within both the private and public sectors. Fall, Spring.

HFT 3741 RCHM-TEA 3(3,0) Meeting Management: PR: HFT 2750 and HFT 3519. The process of meeting planning, from setting objectives to analyzing the success of the event. Fall, Spring.

HFT 3770 RCHM-TEA 3(3,0) 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.

HFT 3785 RCHM-TEA 3(3,0) 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.

HFT 3792 RCHM-TEA 3(3,0) Event Design and Production: PR: HFT 1000, HFT 2401, HFT 2403, and HFT 3070, or C.I. The many aspects of event production, including art, design, and staging. Provides hands on practical experience. Occasional.

HFT 3798 RCHM-TEA 3(3,0) 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.
HFT 3813 RCHM-FOOD&LODG 3(3,0) Foodservice Marketing, Sales, and Distribution: PR: HFT 3000 and HFT 3283. Food service marketing, 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 of culture, religion, and in the development of diverse 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 characteristics, branding, advertising, sales, distribution, laws, regulations, and responsible practices of distilled spirits. Occasional. M&S fee $45.00

HFT 4206C RCHM-FOOD&LODG 3(3,0) Hospitality Operations: PR: Junior Standing or C.I. A study of food and food service operations providing students with a comprehensive knowledge of these related content areas; food service labor component. Occasional.

HFT 4253 RCHM-FOOD&LODG 3(3,0) Advanced Lodging Operations: PR: HFT 2254, 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. Exposes 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 3828 or HFT 2250 and Junior standing or 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 3823 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/time share properties. Spring.

HFT 4275 RCHM-FOOD&LODG 3(3,0) Development of Vacation Ownership Resorts: PR: HFT 3273 and Junior standing. Comprehensive analysis of applied theories, principles, and techniques used in the planning and development of vacation resorts. Occasional.

HFT 4277 RCHM-TEA 3(3,0) 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) Restaurant Leadership Strategies and Tactics: PR: HFT 1000 and junior standing. An analysis of the leadership styles of restaurant industry founders and executives. Occasional.

HFT 4286 RCHM-HSP SERV 3(3,0) Hospitality Communications: PR: HFT 1000; HFT 2220; FSS 2210C; HFT 2254; HFT 2500; HFT 3803; HFT 3601; HFT 3444; HFT 2404. Communication exchanges in the hospitality industry for effective presentations, conflict resolution, and report writing. Emphasis on interdepartmental 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 4375 RCHM-TEA 3(3,0) Advanced Trade Show Management: PR: HFT 4754 or C.I. Trade show installation, floor management and dismantling/shiping. Pre-event logistics and on-site management of critical success factors. Occasional.

HFT 4394 RCHM-TEA 3(3,0) 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 Industry: 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-TEA 3(3,0) Hospitality Industry Auditing: PR: HFT 3431 Hospitality Industry Managerial Accounting. Provides basic fundamentals of eliminating fraud and saving money through proper internal controls in the hospitality industry. Occasional.

HFT 4457 RCHM-TEA 3(3,0) 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 evaluating 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.
UCF Courses and Descriptions

HFT 4762 RCHM-TEA 3(3,0) Cooperative Education: the degree program a maximum of 2 times.

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, costing, staffing, 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 2750, HFT 3523, HFT 3670, and FSS 2284C, or C.I. The catering manager's role in the catering sales process. Emphasis on organizational 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, and junior standing. The origins, production, storage, marketing, and control of beverages in the hospitality industry. Fall, Spring. M&S fee $45.00

HFT 4864 RCHM-FOOD&LODG 3(3,0) Seminar in Quality Brewing and Fine Beer: PR: HFT 1801, 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 production 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 2211C, 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-RCMH 0-5(0-1-5) Cooperative Education: Provides: poor, pre-professional work experience related to the students' majors 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 professional practice for health information management. Includes current regulations and laws. 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; number and filing systems; assembly 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 3537 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 3537 or C.I. Principles and mechanics of coding systems for outpatient health information retrieval; CPT/HCPCS, APGs; 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 3537 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 CR: HIM 3006; Visualization of computerized information systems, management and patient care in the health care industry, systems analysis, system design and project management concepts. Fall, Spring.

HIM 4676 HPA-HMI 3(3,0) Professional Development and Issues in Health Information Management: PR: HIM 3116C, HIM 4434C, HIM 4508C. Analysis of management functions in health care setting; the HIM professional as an educator; problem-solving techniques; professional ethics; alternative careers. Spring.

HIM 4816C HPA-HP 3(1,4) Professional Practice Experience II: PR: HIM 3806C and CR: HIM 4226C, HIM 4256C, HIM 4344C and HIM 4508C. Transcription; coding; quality improvement; risk management; human resources; statistics; accrediting and licensing; revenue management cycle; medical staff organization. Fall, Spring.

HIM 4838 HPA-HMI 5(0,15) Management Affiliation: PR: or CR: HIM 4878 and HIM 4615C. Assignment to a selected health care facility serving in an administrative capacity under the direction of a Registered Health Information Administrator; lab exercises; comprehensive exam. Fall, Spring.

HIM 5118C HPA-HMI 4(3,1) Health Care Informatics and Information Technology: PR: Admission into M.S. in Health Care Informatics or C.I. An overview of information systems in healthcare and information technology in healthcare decision making. Ethical, planning and legal issues of informatics will be explored. Fall.

HIS 3466 CAH-HIST 3(3,0) History of Science: PR: EUH 2000 and EUH 2001 or C.I. Examines past and present science, scientific thought, and the relationship between science and society. Occasional.

HIS 3949 CAH-HIST 0(0-8) Cooperative Education in History: PR: Departmental permission required before registering. Cooperative education experience in history. Graded S/U. May be repeated for credit. Occasional.

HIS 4065 CAH-HIST 3(3,0) Public History: Principles & Techniques: PR: AMH 2020 or C.I. Practice of public history including historic preservation, museum studies, archival management, oral history, digital history, historical editing, and conservation science. Occasional.

HIS 4070 CAH-HIST 3(3,0) Oral History: PR: Either AMH 2010, AMH 2020 or C.I. Theories and practices of oral history. 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 CAH-HIST Vari 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, documentaries, historical publication, 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 practice 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.

HUM 2210 CAH-PHIL 3(3,0) Humanities Tradition 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.

HUM 2230 CAH-PHIL 3(3,0) 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. Honors content. Fall.

HUM 3252 CAH-PHIL 3(3,0) Contemporary Humanities: PR: ENC 1102 or C.I. Multicultural study of Philosophy and the arts of the 20th century. Occasional.

HUM 3255 CAH-PHIL 3(3,0) Medieval Humanities: PR: ENC 1102 or C.I. Multicultural study of Philosophy and the arts of the modern period. Occasional.

HUM 3307 CAH-PHIL 3(3,0) 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.

HUM 3320 CAH-PHIL 3(3,0) Contemporary Multicultural Studies: PR: HUM 2210 and 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 arts and music. Even Fall.

HUM 3326 CAH-PHIL 3(3,0) 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.

HUM 3394 CAH-PHIL 3(3,0) 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.

HUM 3410 CAH-PHIL 3(3,0) 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.

HUM 3419H CAH-PHIL 3(3,0) 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, philosophical, and scientific concepts with special focus on perception of Islam in Western literature and scholarship. With Honors content. Occasional.

HUM 3423 CAH-PHIL 3(3,0) African Humanities: PR: HUM 2230, HUM 3320, or C.I. Contemporary art, culture, and philosophy in selected African countries. Occasional.

HUM 3431 CAH-PHIL 3(3,0) Ancient Humanities: PR: HUM 2230 or C.I. Development of Ancient Greek thought and culture with emphasis on philosophy, religion, literature and art. Occasional.

HUM 3435 CAH-PHIL 3(3,0) Medieval Humanities: PR: ENC 1102 or C.I. Development of Medieval thought and culture with emphasis on Philosophy, Religion, Literature and Art. Occasional.

HUM 3460 CAH-PHIL 3(3,0) Latin American Humanities: PR: HUM 2210 and HUM 2230, Ideas in cultures of Latin America and Caribbean basin as expressed in arts, architecture, music, philosophy, religion, literature and film. Occasional.

HUM 3800 CAH-PHIL 3(3,0) Research Methods in Humanities: PR: Junior standing, and Humanities or Philosophy major or C.I. Theories of interpreting technologies, texts, and practices, with emphasis on film, visual/performing arts, music, religion, and philosophy. Occasional.

HUM 3805 CAH-PHIL 3(3,0) 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.

HUM 3830 CAH-PHIL 3(3,0) Introduction to Digital Humanities: PR: Grade of "C" (2.0) or better required in one of the following: ENC 1101, ENC 1102, PHI 2100, HUM 2210, or C.I. Investigation of the application of digital tools to humanities questions, and to questions about contemporary life. Fall.

HUM 4301 CAH-PHIL 3(3,0) 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.

HUM 4330 CAH-PHIL 3(3,0) Performance Theory: PR: Junior standing and HUM 2230 and either PHI 2100, PHI 2110, PHI 2108, or C.I. Traditional and contemporary theories of performance with a focus on linguistic performances, bodily and virtual performances, self-identity, and the politics of performance. Occasional.

HUM 4459 CAH-PHIL 3(3,0) 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.

HUM 4823 CAH-PHIL 3(3,0) 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.

HUM 4826 CAH-PHIL 3(3,0) Postcolonial Theory: PR: HUM 2210 and HUM 2230: Junior standing. Interdisciplinary overview of postcolonial philosophy, literature, film, and art theory. Even Fall.

HUM 4931 CAH-PHIL 3(3,0) Key Figures in the Humanities & Cultural Studies: PR: HUM 2040 or C.I. Study of a central Humanities/Cultural Studies figure’s work and influence, reception, and effect. May be repeated for credit only when course content is different. Occasional.

HUM 4933 CAH-PHIL 3(3,0) Senior Research Seminar: PR: Senior standing and Humanities major, or C.I. Capstone course on research, developing effective oral and written communication skills. Spring.

HUM 4934 CAH-PHIL 3(3,0) Key Concepts in Humanities & Cultural Studies: PR: HUM 2040 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.

HUM 5802 CAH-PHIL 3(3,0) 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.

HUM 5803 CAH-PHIL 3(3,0) Theories and Methods of the Humanities: PR: Senior undergraduate standing, or C.I. Development of an application research project relevant to contemporary cultural issues, using Humanities theories and methods. Fall.

HUM 2201 HPA-HP 3(3,0) Fundamentals of Human Nutrition: Functions, roles, guidelines and requirements for nutrients. Includes digestion, absorption, nutrient interactions, effects of deficiencies or toxicities, food sources and weight management. Emphasis is on prevention of disease. Fall, Spring.

HUM 3247 CAH-PHIL 3(3,0) Principles of Human Nutrition: PR: Admission to Health Sciences MS Clinical and Lifestyle Sciences track or C.I. Course promotes in-depth understanding of the role of macronutrients in human nutrition and health enabling graduates to integrate knowledge into other aspects of their work. Occasional.


IDH 192H BHC-HON 2(2,0) Honors Symposium II: PR: IDH 190H. Readings, lectures and discussions covering aspects of scholarship, artistic, and other creative efforts. Graded S/U. Spring.

IDH 3600H CAH-PHIL 3(3,0) 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. Fall.

IDH 4303H BHC-HON 1(3,0) Honors Windows To The World: PR: Permission of Honors and IDH 192H, 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.

IDS 1040C COS-COMM 2(1,1) Foundations of Leadership: PR: LEAD Scholars Program Seminar for LEAD Scholars in the College of Arts & Sciences providing a foundation of leadership, scholarship, and service regarding discipline in the college. Fall, Spring.

IDS 2042C COS-COS 2(1,1) Introduction to Digital Humanities: 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.
IDS 3150     UGST-INTERDISC  3(3,0)  Foundations of Environmental Studies: PR: Junior standing, Interdisciplinary study majors, and C.I. or consent of C.I. Supersedes IDS 1902: An overview of the approaches taken by different disciplines to address regional, national, and global environmental issues. Fall, Spring.

IDS 3333     UGST-INTERDISC  3(3,0)  World Comparative Studies: PR: ENC 1102 or C.I. Comparative study of cultures, economies, languages, and social systems using approaches and data from multiple disciplines. Occasional.

IDS 3933     UGST-INTERDISC  3(3,0)  Cornerstone Experience: PR: ENC 1102, Junior standing, Interdisciplinary Studies major, or C.I. Interdisciplinary study essentials, including basic concepts and methodological tools, to synthesize material from disparate fields and apply them to academic plans and career goals. Fall, Spring.

IDS 4204C     ECS-ECS  3(2,2)  Advanced Topics on Energy and Sustainability: PR: Acceptance into the Energy and Sustainability Minor, Senior standing and Completion of GEP or C.I. Contemporary topics in energy and sustainability. Seminar and lectures from industry, academia, government, and UCF speakers. Students are required to work on individual or team assignments, research projects, and present their work in the format of mini seminars. Occasional.

IDS 4315     COS-POLS  3(3,0)  Global Perspectives: PR: ENC 1102 or POS 2041 or C.I. The historical and contemporary contexts of globalization. Fall, Spring.

IDS 4934     UGST-INTERDISC  3(3,0)  Capstone Experience: PR: IDS 3933, Junior standing, Interdisciplinary Studies major, or C.I. Students will synthesize coursework demonstrating the understanding of interdisciplinary approaches and successful synthesis of interdisciplinary studies, applied to the course of study and academic/career goals. Fall, Spring. M&S fee $17.00.

IDS 5127     COM-BSBS  3(3,0)  Foundation of Bio-Imaging Science: PR: Graduate standing, Fundamental theory, design, and practice of modern bio-imaging techniques used for basic biomedical research applications. Occasional.

IDS 5145     GRDST-INTERDIS  3(0,2)  Interdisciplinary Course in Simulation: PR: Calculus, matrix algebra, probability and statistics, high-level programming language. An interdisciplinary course on simulation with hands-on experience in discrete event modeling, continuous modeling and shared virtual world. May be repeated for credit. Occasional.

INP 3004     COS-PSYCH  3(3,0)  Industrial/Organizational Psychology: PR: PSY 2012 and consent of Honors. Psychological theories and principles applicable to problems in industrial organizations. Fall, Spring.

INP 3004H     COS-PSYCH  3(3,0)  Honors Industrial/Organizational Psychology: PR: PSY 2012 and consent of Honors. Psychological theories and principles applicable to problems in industrial organizations. With Honors consent. Occasional.

INP 3141C     COS-PSYCH  1-3(0-3,9)  Advanced Applied Psychology: PR: PSY 2012 and C.I. Course will explore application of psychological knowledge to clinical, experimental, industrial, or educational settings. Supervised laboratory experience is required. Graded S/U. May be repeated for credit. Fall, Spring.

INP 3951     COS-PSYCH  3(0,10)  Industrial/Organizational Field Work: PR: C.I. An opportunity for advanced graduate psychology majors to become involved in the application of I/O psychology to local organizations. Occasional.

INP 4313     COS-PSYCH  3(3,0)  Organizational Psychology: PR: PSY 2012 Analysis of the psychological principles underlying individual and group behavior in an organizational setting. Topics include group dynamics, leadership and participation, intergroup behavior, and organization development. Fall.

INP 4380     COS-PSYCH  3(3,0)  Psychology of Teamwork: PR: PSY 2012 or C.I. Dynamics of small groups and teams from social and applied psychology perspectives. Occasional.

INP 5825     COS-PSYCH  3(0,0)  Human-computer Interface (HCI) design: A team approach: PR: Graduate status or senior standing or C.I. Interdisciplinary approach to human-computer interface design, including behavior, engineering, computer science, and instructional aspects. Tools and techniques for team development and the evaluation of software for usability. Occasional.

INR 2002     COS-POLS  3(3,0)  International Relations-Theory and Practice: PR: ENC 1102 or C.I. Analysis of the fundamental principles and factors affecting interstate relations and their application to contemporary global developments. Fall, Spring.

INR 3016     COS-POLS  3(3,0)  Global Political Issues: PR: POS 2041 or C.I. Current global political topics from political development and income gap to gender issues and environmental challenges. Occasional.

INR 3250     COS-POLS  3(3,0)  Politics of Pan-Africanism: PR: INR 1102. Political expressions of Pan-Africanism throughout the major regions of the African Diaspora. Occasional.

INR 3253     COS-POLS  3(3,0)  International Politics of Africa: PR: ENC 1102 or POS 2041 or C.I. The broad structures and processes of international politics and foreign policy in Africa, with particular attention on U.S.-African relations. Occasional.

INR 4011     COS-POLS  3(3,0)  Politics of Globalization: PR: ENC 1102 or POS 2041 or C.I. Major political causes and consequences of globalization. Occasional.

INR 4030     COS-POLS  3(3,0)  Diplomacy: PR: ENC 1102 or POS 2041 or C.I. Concepts, theories, and methods of contemporary diplomatic practice in the international arena. Spring.


INR 4035     COS-POLS  3(3,0)  International Political Economy: PR: ENC 1102 or POS 2041 or C.I. The international politics of regional and global economic interdependence, with emphasis upon North-South relations, the New International Economic Order, OPEC, and multinational corporations. Odd Spring.

INR 4054     COS-POLS  3(3,0)  Global Politics of Energy: PR: ENC 1102 or POS 2041 or C.I. International/national dimensions of global energy policy within developed and underdeveloped countries. Occasional.

INR 4060     COS-POLS  3(3,0)  Causes of War: PR: ENC 1102 or POS 2041 or C.I. The primary theoretical and empirical research explaining militarized interstate conflict. Fall.

INR 4063     COS-POLS  3(3,0)  The Cold War: PR: ENC 1102 or POS 2041 or C.I. The Cold War and its impact on the international system, and world events. Fall.

INR 4074     COS-POLS  3(3,0)  Immigration Policy: PR: ENC 1102 or POS 2041 or C.I. Analysis of the complex subject of immigration, including U.S. and comparative immigration policy, illegal immigration, alien smuggling, and statelessness and their political/security impact. Occasional.

INR 4075     COS-POLS  3(3,0)  Human Rights Policy: PR: ENC 1102 or POS 2041 or C.I. Theoretical and practical disciplinary debates on war and related phenomena, including war, genocide, and riots. Occasional.

INR 4076     COS-POLS  3(3,0)  Global Drug Policy: PR: POS 2041 or C.I. The theoretical and practical disciplinary debates on drug policy. Selected Latin American and Third World cases. Odd Spring.

INR 4083     COS-POLS  3(3,0)  War and Violent Politics: PR: POS 2041 or C.I. The theoretical and practical disciplinary debates on war and related phenomena, including civil war, genocide, and riots. Occasional.

INR 4084     COS-POLS  3(3,0)  Politics of International Terrorism: PR: ENC 1102 or POS 2041 or C.I. Feminist and gender perspectives in International Relations, Globalization, and International Political Economy. Occasional.

INR 4102     COS-POLS  3(3,0)  American Foreign Policy: PR: ENC 1102 or POS 2041 or C.I. Development of American foreign policy, with emphasis on the role and policies of the United States in the contemporary world. Odd Fall.

INR 4104     COS-POLS  3(3,0)  The Iraq and Afghanistan Cases in American Foreign Policy: PR: ENC 1102 or POS 2041 or C.I. General or intensive analysis of problems or aspects of U.S. foreign policy. Issues may include September 11th, homeland security, counter-terrorism, diplomacy, decision-making and intelligence. Odd Spring.

INR 4114     COS-POLS  3(3,0)  American Security Policy: PR: ENC 1102 or POS 2041 or C.I. Study of the evolution of American security policy since World War II, including consideration of the social and political costs involved and means of control. Occasional.

INR 4115     COS-POLS  3(3,0)  Strategic Weapons and Arms Control: PR: ENC 1102 or POS 2041 or C.I. Control of strategic weapons and their impact. Technological and policy aspects, including nuclear proliferation. Occasional.

INR 4116     COS-POLS  3(3,0)  America’s 21st Century Wars: PR: POS 2041 or C.I. The causes, conduct, and consequences of the US wars in Iraq and Afghanistan. Occasional.

INR 4224     COS-POLS  3(3,0)  Contemporary International Politics of Asia: PR: ENC 1102 or POS 2041 or C.I. Examinations of the foreign policies of major and secondary powers in Asia, with particular attention to China and Japan. Occasional.

INR 4225     COS-POLS  3(3,0)  The Vietnam War: PR: POS 2041 or INR 2052, or C.I. Background of events leading to America’s involvement in Indochina, the course of the Vietnam War, and the lessons which that war imparts. Occasional.

INR 4243     COS-POLS  3(3,0)  International Politics of Latin America: PR: ENC 1102 or POS 2041 or C.I. Study of contemporary U.S.-Latin American relations, inter-American economic and political organization, and the role of Latin America in the world. Occasional.

INR 4304     COS-POLS  3(3,0)  Issues in International Public Policy: PR: ENC 1102 or POS 2041 or C.I. Endogenous and exogenous variables, including policy formulation and decision-making, which influence select international public policy issues. Occasional.
INR 4333 COS-POLS 3(3,0)

INR 4335 COS-POLS 3(3,0)
Coercion in International Politics: PR: ENC 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 coup. Even Fall.

INR 4350 COS-POLS 3(3,0)
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.

INR 4351 COS-POLS 3(3,0)
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 economic and cultural diversity. Occasional.

INR 4364 COS-POLS 3(3,0)
The Intelligence Community: PR: ENC 1102 or POS 2041 or C.I. The intelligence community structure and its relation to foreign policy decision making, consideration of control and reliability questions, and issues of cooperation and conflict. Spring. Occasional.

INR 4401 COS-POLS 3(3,0)
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.

INR 4404 COS-POLS 3(3,0)
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.

INR 4502 COS-POLS 3(3,0)
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.

INR 4603 COS-POLS 3(3,0)
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, Spring.

INR 4714 COS-POLS 3(3,0)
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.

INR 4744 COS-POLS 3(3,0)
Military in World Politics: PR: POS 2041, or INR 2002, or C.I. Civil-military relations and its relevance to international relations and comparative politics. Occasional.

INR 4774 COS-POLS 3(3,0)
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.

ISC 2054 COS-MATH 1(2,0)
EXCEL Seminar I: PR: Admission to EXCEL program. Study skills, faculty networking, exposure to STEM professionals. Graded S/U. Fall.

ISC 2055 COS-MATH 1(2,0)
EXCEL Seminar II: PR: Admission to EXCEL program. Study skills, faculty networking, exposure to STEM professionals, STEM shadowing experience. Graded S/U. Spring.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAE 3414</td>
<td>ED-TL&amp;L Language Arts for Children: Pr: Admission to an undergraduate Education Program or C.I.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 3430</td>
<td>ED-TL&amp;L English Instructional Analysis: Pr: EDG 4410 or C.I. Content, principles, materials, and techniques involved in teaching, speaking, listening, writing, and working in the elementary school, organizing for instruction.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 3446</td>
<td>ED-TL&amp;L Survey of Adolescent Literature: Pr: ENC 1101</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 4261</td>
<td>ED-TL&amp;L Literacy Strategies for Middle and High School: Pr: EDG 4440 or C.I.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5195</td>
<td>ED-TL&amp;L CFWP Teacher Consultant: Pr: C.I.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5295</td>
<td>ED-TL&amp;L Writing Workshop: Pr: C.I. Students will engage in exploration and practice of effective writing strategies.</td>
<td>1-3(1-3,0)</td>
</tr>
<tr>
<td>LAE 5319</td>
<td>ED-TL&amp;L Methods of Elementary School Language Arts: Pr: Graduate standing, Principles, procedures, organization and current practices in reading, writing, listening, and talking.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5337</td>
<td>ED-TL&amp;L 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.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5338</td>
<td>ED-TL&amp;L Teaching Writing in Middle and High School: Pr: EDG 6415 or C.I. Techniques and methods in teaching dialogue, research, and various genres within the context of writing.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5346</td>
<td>ED-TL&amp;L Methods of Teaching English Language Arts: Pr: EDG 6415 and TSL 5505 or C.I.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5367</td>
<td>CAH-ENG English Composition: Pr: for Literature for Teachers of Advanced Placement: Pr: Graduate status or senior standing, and C.I. A two-week summer institute for secondary school teachers preparing to teach advanced placement courses.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5415</td>
<td>ED-TL&amp;L Children’s Literature in Elementary Education: Survey of children's literature: criteria for selection according to literary elements and child development needs. Methods for presenting to children; integrating literature with elementary curricula.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5465</td>
<td>ED-TL&amp;L Literature for Adolescents: Pr: Senior standing or C.I. Selecting and evaluating books for adolescents with emphasis on the use of literature in the development of young people.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5495</td>
<td>ED-TL&amp;L Assessing Writing: Pr: C.I. Students will explore a variety of strategies for assessing students' writing including holistic scoring, primary trait scoring, and portfolio assessment.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAE 5496</td>
<td>ED-TL&amp;L Disciplinary Literacy in the Content Areas: Pr: Graduate standing. Designed to assist in understanding the adolescent reader and writer, this course will examine theory, strategies, resources, and implementation options of disciplinary literacy specifically in the content areas (Mathematics, Science, Social Studies, and other content areas).</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 3130</td>
<td>CAH-HIST Latin American History I: Pr: EUH 2000 and 2001 or C.I. The Colonial period. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 3200</td>
<td>CAH-HIST Modern Latin America: Pr: WOH 2022. Investigates the broader themes of Latin American history from independence to the present.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 3400</td>
<td>CAH-HIST History of Mexico and Central America: Pr: EUH 2000 and 2001 or C.I. A survey of Mexican and Central American history from Pre-Columbian times to the present. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4136</td>
<td>CAH-HIST Colonial Florida: Pr: AMH 2010 and AMH 2020 or C.I. History of Spanish Colonial Florida until 1821. Odd Fall.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4461</td>
<td>CAH-HIST History of Puerto Rico: Pr: Any two of the following: AMH 2010, AMH 2020, WOH 2012, or WOH 2022. History of Puerto Rico from pre-Columbian era to present.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4480</td>
<td>CAH-HIST History of Cuba: Pr: Any two of the following: AMH 2010, AMH 2020, WOH 2012, or WOH 2022. History of Cuba from pre-Columbian era to present.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4503</td>
<td>CAH-HIST 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.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4512</td>
<td>CAH-HIST Modern Argentina: Pr: WOH 2022. Examines the economic, social, and cultural history of Argentina. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4630</td>
<td>CAH-HIST History of Modern Brazil: Pr: WOH 2022 or C.I. Major themes of the history of modern Brazil (ca. 1760-present). Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4742</td>
<td>CAH-HIST The Mexican Revolution: Pr: AMH 2020 or C.I. Political and social history of Mexico since 1910 and domination of one party rule over 70 years. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 4780</td>
<td>CAH-HIST Poverty and Development in Latin America: Pr: WOH 2022. Examines the historical reasons for poverty and inequality in 20th century Latin America. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 5713</td>
<td>CAH-HIST 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.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAH 5902</td>
<td>CAH-HIST Latin American Popular Culture: Pr: SPN 1120C and CR: SPN 1121C. Examines folklore and digital media of Latin American culture with a special focus on Mexico, Cuba, Puerto Rico, and Peru. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAS 3002</td>
<td>CAH-LAS Topics in Latin American Studies: Pr: SPN 1121C or SPN 2200 or equivalent or C.I. Contemporary issues in Latin America including, among others, transformational events in culture, politics, education, and business. Fall, Spring.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAS 3101</td>
<td>CAH-LAS Latin American American Popular Culture: Pr: SPN 1120C and CR: SPN 1121C. Examines folklore and digital media of Latin American culture with a special focus on Mexico, Cuba, Puerto Rico, and Peru. Occasional.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LAS 4023</td>
<td>CAH-AS African Caribbean Experience: Pr: ENC 1101 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.</td>
<td>3(3,0)</td>
</tr>
<tr>
<td>LDR 2001</td>
<td>UGST-INTERDISC 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.</td>
<td>2(2,0)</td>
</tr>
<tr>
<td>LDR 2002</td>
<td>UGST-INTERDISC Intermediate Foundations of Leadership: Pr: LDR 2001 Intermediate study of leadership practices as related to translating a leadership vision into organizational effectiveness. Builds on the theories in the prerequisite Foundations of Leadership course. Spring.</td>
<td>2(2,0)</td>
</tr>
<tr>
<td>LDR 2262</td>
<td>UGST-INTERDISC Focused Volunteer Community Service: Students will engage in volunteer experiences and reflect upon the value of those experiences. Graded S/N. Fall, Spring.</td>
<td>1(0,1)</td>
</tr>
</tbody>
</table>
LIN 4660 CAH-ENG 3(3,0)
Outdoor and Leisure Activities: Study of contemporary outdoor and leisure activities. Course will include but not be limited to the "adventure activity curriculum," camping, water activities, fishing, orienteering, hiking. Occasional.

LIN 3010 CAH-ENG 3(3,0)

LIN 3673 CAH-WRITE 3(3,0)
Grammar & Advanced Prose Style: PR: ENC 1102. Build on fundamental principles of grammatical correctness by learning and practicing the techniques that today’s expert writers use to increase sentence clarity and elegance. Occasional.

LIN 3713 HPA-COM SC&DIS 3(3,0)
Language Science: PR: or CR: SPA 3471. Language components, models of language production and comprehension, and theories of language development. Fall, Spring.

LIN 3716 HPA-COM SC&DIS 3(3,0)
Language Development: PR: LIN 3713; CR: LIN 3716L. Spoken and written language development from infancy to adulthood. Fall, Spring.

LIN 3717 HPA-COM SC&DIS 3(3,0)
Language Development: 9 - 16 Years: PR: LIN 3716. Study of the language acquisition process in children from nine through eighteen years and how meaning is conveyed through sounds, words, and sentences. Fall, Spring.

LIN 4105 CAH-ENG 3(3,0)
History of the English Language: PR: Sophomore standing, and C (2.0) or better required in ENC 1102. Study of the English language and its development from Anglo-Saxon to Modern. Fall, Spring.

LIN 4600 CAH-WRITE 3(3,0)
Language and Society: PR: Grade of "C" (2.0) or better required in ENC 1102. Examines language and society, including the relationship of sociolinguistic variations to identity and culture. Occasional.

LIN 4611 CAH-ENG 3(3,0)
African-American Styles of Communication: PR: Grade of C (2.0) or better required in ENC 1102 and junior standing or C. African-American norms contrasted to Anglo-American norms with attention given to speech acts, kinesics, proxemics, paralinguistics, and gender roles. Occasional.

LIN 4643 CAH-ENG 3(3,0)
Cross Cultural Communication: PR: Junior standing or C.I., and C (2.0) or better required in ENC 1102. Styles of spoken, written, and nonverbal communication of selected cultural groups. Occasional.

LIN 4643H CAH-ENG 3(3,0)
Honors Cross-Cultural Communication: PR: ENC 1102H and permission of Honors. Styles of spoken, written, and nonverbal communication of selected cultural groups with honors level content. Occasional.

LIN 4680 CAH-ENG 3(3,0)
Linguistics and Literature: PR: Grade of C (2.0) or better required in LIN 3010 or C.I. Language study as an aid to understanding literature. Occasional.

LIN 4680 CAH-ENG 3(3,0)
Modern English Grammar: PR: Sophomore standing, and C (2.0) or better required in ENC 1102. Emphasis upon the analysis and comparison of traditional, structural, and transformational grammar. Spring.

LIN 4711 HPA-COM SC&DIS 3(3,0)
Language Analysis: PR: LIN 3716 and LIN 3717. CR: LIN 4711L. Introduction to procedures for sampling, analyzing, and describing language across the lifespan. Fall, Spring.

LIN 4711L HPA-COM SC&DIS 3(0,1)
Language Analysis Lab: PR: LIN 3716 and LIN 3717, CR: LIN 4711L. Introduction to procedures for sampling, analyzing and describing language samples across the lifespan. Graded S/U. Fall, Spring.

LIN 4801 CAH-ENG 3(3,0)
Language and Meaning: PR: Grade of C (2.0) or better required in ENC 1102 and sophomore standing. A linguistic study of the nature of language, meaning, and the ways in which man uses language in various social, cultural, institutional, and professional settings. Occasional.

LIN 5137 CAH-ENG 3(3,0)
Linguistics: PR: Graduate status or senior standing or C.I. Modern linguistic theories and studies focusing on language acquisition and development, contemporary American English, semantics, and paralinguistics. Occasional.

LIN 5567 CAH-ENG 3(3,0)
English Grammar and Usage: PR: Graduate status or senior standing or C.I. An overview of modern grammar, including structural, transformational and historical grammar, along with an examination of controversial usage. Occasional.

LIN 2110 CAH-ENG 3(3,0)
World Literature I: PR: ENC 1102. Poetry, prose, and drama selected from ancient Hebrew, Greek, and Oriental literature and from that of Renaissance Europe. Fall, Spring.

LIN 2120 CAH-ENG 3(3,0)
World Literature II: PR: ENC 1102. Readings from Moliere, Voltaire, Goethe, Pushkin, Balzac, Tolstoy, Ibsen, Mann, Kafka, Camus, and others. Fall, Spring.

LIN 3082 CAH-ENG 3(3,0)
Continental European Fiction Since 1900: PR: Grade of C (2.0) or better required in ENC 1102. A selection of significant works of fiction written in various languages during the present century, read in translation. Occasional.

LIN 3132 CAH-ENG 3(3,0)
Legend & Literature of King Arthur: PR: Grade of "C" (2.0) or better in ENC 1102 or equivalent credit. How Arthurian legend and literature, including such authors as Thomas Malory, Chretien de Troyes, and Mark Twain. Occasional.

LIN 3191 CAH-ENG 3(3,0)
Caribbean Literature: PR: Grade of C (2.0) or better required in ENC 1102. Traces how Caribbean societies have achieved self-expression through documentary writing, prose fiction, and popular culture; in English. Occasional.

LIN 3192H CAH-ENG 3(3,0)
Honors Caribbean Literature: PR: Permission of Honors and ENC 1102H or equivalent credit. How Caribbean societies have achieved self-expression through documentary writing, prose fiction, and popular culture; taught in English. Honors content. Occasional.

LIN 3202 CAH-ENG 3(3,0)
Death and Dying: PR: ENC 1102. Considering the topic of death and dying through a study of literature, the course includes facts, psychological impact, ideological responses to death and identity. Occasional.

LIN 3206 CAH-ENG 3(3,0)
Place and Space in Literature: PR: Grade of "C" (2.0) or better in ENC 1102 or C.I. Analysis of how authors develop place and space and how this creates meaning in texts. Occasional.

LIN 3212 CAH-ENG 3(3,0)
Research & Writing About Literature: PR: Grade of "C" (2.0) or better in ENC 1102 or C.I. Research, writing, and critical analysis skills applicable to upper-level literature courses Occasional.
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, either 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 3895 CAH-ENG  3(2.0)
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 Popular Fiction: 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, romance, 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)
Honors Literature and Law: PR: Consent of Honors. Reading, analysis, and discussion of law, crime, and punishment in literature from historical or contemporary perspectives with Honors Content. Occasional.

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 Thought and Literature: PR: Grade of C (2.0) or better required in ENG 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 postmodernist 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 4454 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)
Captors, 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 “Feminist Critical Theories”. Occasional.

MAC 4426 COS-MATH  4(4,0)

MAC 4427 COS-MATH  3(3,0)
Advanced Calculus II: PR: MAA 4226 or C.I. Continuation of MAA 4226. Spring.

MAC 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.

MAC 4934 COS-MATH  3(3,0)
Topics in Analysis: PR: MAS 3106 and MAC 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.

MAC 5210 COS-MATH  3(3,0)
Topics in Advanced Calculus: PR: MAS 3106 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.

MAC 5228 COS-MATH  3(3,0)
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 Trigonometry: PR: Appropriate score on the UCF Math Placement Exam, or MAC 1105C with a C (2.0) or higher, or C.I. The circle arc length, identities, trigonometric functions, inverse functions, applications to simple harmonic motion, function of angles, complete development of triangle solution. 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 inverse and logarithmic functions. With applications to business and mathematical induction. 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 higher, or C.I. Properties and graphs of polynomials, matrices, exponential and logarithmic functions, piecewise defined functions; matrices, conic sections, sequences and series, binomial theorem, mathematical induction, and applications with 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 backgrounds 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 2223 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 one and two variables, limits, continuity, and applications to business analysis. Not open to students with credit in MAC 2225 or MAC 2311. The “NC” grading policy applies to this course. 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 and MAC 1114C 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 2223 or MAC 2311. The “NC” grading policy applies to this course. Fall, Spring.

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. For students with good mathematics backgrounds who do not want to go directly into calculus. Topics include matrices, determinants, permutations, combinations, sequences, series, induction, trigonometric functions; applications of derivatives; integration and the fundamental theorem of calculus; applications of definite integrals. Not open to students with credit in MAC 2221. The “NC” grading policy applies to this course. Fall, Spring.

MAC 2311C Honors COS-MATH  4(3,2)
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 1114C 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. The “NC” grading policy applies to this course. With Honors content. Fall, Spring.
Elementary Mathematics for Teaching I: PR: Grade of 'C' (2.0) or better in MAC 2312, or permission of Honors. This course will develop the ability to think critically and creatively about elementary school mathematics. Fall, Spring.

Elementary Mathematics for Teaching II: CR: MAE 3310. This course will focus on the development of lesson plans, instruction, and assessment of elementary school mathematics. Fall, Spring.

Math Curriculum and Assessment in Early Childhood: PR: Grade of 'C' (2.0) or better in MAC 2312. This course will focus on the development of lesson plans, instruction, and assessment of early childhood mathematics. Fall, Spring.

Human Relations in Management: PR: Management major, MAN 3025. This course will focus on the development of effective communication, conflict resolution, and team building skills. Fall, Spring.

Compensation Administration: PR: Management major, MAN 3301. This course will focus on the development of effective compensation strategies and policies. Fall, Spring.

Labor Relations Management: PR: Management major, MAN 3301. This course will focus on the development of effective labor relations strategies and policies. Fall, Spring.

Conflict Resolution and Negotiation: PR: MAN 3025. This course will focus on the development of effective conflict resolution and negotiation skills. Fall, Spring.

Introduction to Collaborative Design: PR: Senior standing and C.I. This course will focus on the development of effective collaborative design skills. Fall, Spring.

Management of Human Resources: PR: Human resource management majors and minor. This course will focus on the development of effective human resource management strategies and policies. Fall, Spring.

Essentials of Human Resource Management for Non-Business Majors: PR: MAN 3025. This course will focus on the development of effective human resource management strategies and policies. Occasional.

Employee Training for Non-Business Majors: PR: Management major. This course will focus on the development of effective employee training strategies and policies. Occasional.

Quality & Productivity Management: PR: CBI 1010. This course will focus on the development of effective quality and productivity management strategies and policies. Occasional.

International Management: PR: Approved major or minor. This course will focus on the development of effective international management strategies and policies. Fall, Spring.
UCF Courses and Descriptions

MAN 4701 BA-MAN 3(3,0) Business Ethics and Society: PR: Management major, MAN 3025. This course applies the ethics dimension 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: Management major, MAN 3025, MAR 3022, 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 minoring 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(3,0) Management Internship: PR: Management major, apprentice approval, 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.


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. Methods of solution for first order equations. Linear equations. Numerical methods; Laplace transforms. Series solutions. Selected applications. Students will complete projects. For Honors students from all disciplines. Occasional.

MAP 3428H 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, and MAP 2302 or C.I. An introduction to the study of mathematical modeling. Spring.

MAP 4113 COS-MATH 4(4,0) Probability, Random Processes and Applications: PR: MAC 2313. Elementary probability theory; modes of convergence; martingales, Gaussian, Wiener, and Brownian processes; Brownian motion; applications. Occasional.

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 Vectors and Tensors. Application in engineering and physical sciences. Fall.

MAP 4171 COS-MATH 3(3,0) Optimization: PR: MAC 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 practical solutions used in solving ordinary differential equations and PDEs. Covers Euler's method, multi-step methods, Runge-Kutta, control error, finite differences, implicit and explicit schemes, iterative methods, and stability. Fall.

MAP 4384 COS-MATH 4(4,0) Numerical Methods for Computational Sciences: PR: MAP 2302, and COP 3223, and MAS 3105 or MAS 3106, or C.I. Theory of modern methods of numerical computation and numerical analysis in linear algebra and differential equations - non-linear optimization, finite element methods, adaptive quadrature. 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: MAR 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 incompressible 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.

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 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, Spring.

MAR 3323 BA-MAR 3(3,0) Integrated Marketing Communication: PR: MAR 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: MAR 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: MAR 3023 with a grade of "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(0,0)
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(0,0)
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(0,0)
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 3032 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: regression, financial analysis, and acquisition of primary data through market research are emphasized. Fall, Spring.

MAR 3641 BA-MAR 3(0,0)
Marketing Intelligence: PR: MAR 3023 with a grade of C (2.0) or better and Common Program Prerequisites and appropriate Major or Minor. Contemporaneous sources and applications of information concerning external forces impacting market decision making. Fall, Spring.

MAR 3721 BA-MAR 3(0,0)
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(0,0)
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. Investigation of sales and marketing strategies and the variables in international marketing decisions. Fall, Spring.

MAR 4156 BA-MAR 3(0,0)
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 4156C BA-MAR 3(2,3)
Strategic Issues in Sales-Lecture: PR: Marketing major, admission to professional selling track, and completion of MAR 4156C with a C (2.0) or better. Advanced study of selected contemporary strategic issues in selling and sales management. Spring.

MAR 4415C BA-MAR 3(2,3)
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(0,0)
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 sports and leisure industry. Occasional.

MAR 4712 BA-MAR 3(0,0)
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(0,0)
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(0,0)
Marketing Management: PR: MAR 3023 and MAR 3613 with a grade of C (2.0) or better. Planning, organizing, implementing, monitoring and controlling marketing programs to effectively compete in dynamic and diverse business environments. Fall, Spring.

MAR 4841 BA-MAR 3(0,0)
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(0,0)
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 study of marketing topics relevant 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(0,0)
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 2312 or C.I. Matrices, determinants, vector spaces in 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 2312 and permission of Honors or C.I. Matrices, determinants, vector spaces in R^n, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, Jordan Canonical Form, matrix functions, quadratic forms, with Honors content. Fall.

MAS 3106 COS-MATH 4(4,0)
Linear Algebra: PR: MHF 3302 and MAC 2312, 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(0,0)
Introduction to Number Theory: PR: MHF 3302 or C.I. The course will include the following topics: number theory, Euclid’s algorithm, factorization, the division algorithm and congruences. Spring.

MAS 4301 COS-MATH 3(0,0)
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, Spring.

MAS 4302 COS-MATH 3(0,0)
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 5145 COS-MATH 3(0,0)
Advanced Linear Algebra and Matrix Theory: PR: MAS 3106 or C.I. Linear spaces, subspaces, linear transformations, matrices, eigenvalues and eigenvectors, Jordan forms, positive definite matrices, bilinear and quadratic forms, functions of matrices. Even Fall.

MAT 5311 COS-MATH 3(0,0)
Algebra I: PR: MAS 4301 or graduate standing or C.I. MAS 3106 or C.I. Groups, rings, fields, homomorphisms, isomorphisms, quotient groups, polynomial rings, and the fundamental isomorphism theorem. Fall.

MAT 1033C COS-MATH 1(1,0)
Intermediate Algebra: PR: MAC 2311 or appropriate Major or Minor. Reinforcement and development of algebra skills through polynomial, rational expressions; radicals; rational exponents; linear and quadratic equations, linear inequalities, and applications. This course is a “bridge course” which may be applied towards a degree as elective credit. This course will not satisfy either the GEP or Gordon Rule. Occasional.

MAT 3937 COS-MATH 1(1,0)
Techniques of Problem Solving: PR: MAC 2311 and CR: MAC 2312. Basic techniques for problem solving in a wide variety of mathematical fields, with emphasis on proper mathematical technique and writing of solutions. Graded S/U. May be repeated for credit. Fall.

MAT 5712 COS-MATH 3(0,0)
Scientific Computing: PR: MAC 2313, MAP 2302 or MAP 2305, C.I. Computer arithmetic, nonlinear equations, polynomial interpolation, divided differences, splines, curve fitting, least-squares method, numerical differentiation and integration. Even Fall.

MCH 1000 COS-BIBS 3(3,0)
The Invisible World: Introduction to microbes, their beneficial and detrimental activities, and their importance to our every day lives. Fall.

MCH 1310 COS-BIBS 3(3,0)

MCH 2004C COS-BIBS 4(2,0)
Microbiology for Health Professionals: PR: BSC 2010C, CHM 1002 or CHM 2045C. A survey of microbiology for the health professional. Spring. M&S fee $53.00

MCH 3202C COS-BIBS 5(3,4)
General Microbiology: PR: BSC 2010C, CHM 2046 or CR: CHM 2210, and consent of Honors. Same as MCB 3202C with enrichment and further development of analytical skills in a separate laboratory and discussion section. With Honors content. Fall, Spring. M&S fee $53.00

MCH 3202C COS-BIBS 5(3,5)
Honors General Microbiology: PR: BSC 2010C, CHM 2046 or CR: CHM 2210, and consent of Honors. Same as MCB 3202C with enrichment and further development of analytical skills in a separate laboratory and discussion section. With Honors content. Fall, M&S fee $53.00

MCH 3202C COS-BIBS 5(3,0)
Principles of Infectious Disease: PR: MCB 3202C. Application of host-pathogen interactions and microbial pathogenesis, with topics covering eukaryotic pathogens, microbiology, prokaryotic structure, pathogen identification, epidemiology, immunity, vaccines and antimicrobials, and virulence mechanisms. Occasional.

MCH 3203 COS-BIBS 3(3,0)
Pathogenic Microbiology: PR: MCB 3202C or C.I. Microorganisms producing disease in man and other animals; means of transmission; protection against disease. Spring.

MCH 3203L COS-BIBS 10(3,0)
Pathogenic Microbiology Lab: CR: MCB 3203. Laboratory investigation of pathogenic microorganisms, with emphasis on isolation and identification of pathogenic microorganisms. Spring. M&S fee $93.00
UCF Courses and Descriptions

MCB 3316H COM-BSBS 3(3,0) Honors Biotechnology and Genetic Engineering Seminar: PR: Permission of Honors. Prerequisites, applications, laws, ethics and impact on society of biotechnology and genetic engineering in agriculture, medicine, forestry, environment, computer/industrial chemistry, engineering and business administration. Occasional.


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. The infection process and the response of host cells and tissue to infection. Fall.

MCB 4207 COM-BSBS 3(3,0) Infectious Processes: PR: MCB 3020C. The infection 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) Molecular Biotechnology: PR: MCB 3020C. Principles, techniques, and applications of Molecular Biotechnology in genetically modified food, cloning, gene therapy and forensics; transgenic animals; patents 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 3403. Interrelationship between cellular structure function and genetic traits in microorganisms. The interaction between microorganisms and their nutritional environment. Fall. Spring.


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 3403C. Fluorescence and luminescence-based assays used in basic and applied research 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 3403C. 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 only 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) Molecular Biology of Disease: PR: Graduate standing or C.I. An in-depth study of the molecular biological mechanism of diseases in experimental animal models and human populations. Occasional.

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 disease, virotherapy, infection, 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 Climatic 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 UFC Math Placement test, or MAT 1033C with a “C” (2.0) or better, or C.I. Introduction to systematic counting, probability, geometry, 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 applications between math and music, art, architecture, and nature. This course is intended for students not planning to take upper level mathematics. Fall. Spring.


MHF 4404 COS-MATH 3(3,0) History of Mathematics: PR: MAC 2312 or C.I. A chronological study of the evolution of mathematical thought from primitive counting through modern ideas of the 20th century. Recommended for prospective teachers in mathematics. Fall.

MHF 4934 COS-MATH 3(3,0) Topics in Foundations and History of Mathematics: PR: MHC 3302 and MAS 3106, or C.I. Advanced, specialized topics in the foundations and history of mathematics, ranging from set theory and mathematical logic to the history and development of mathematical theories. May be used in the degree program a maximum of 3 times. Occasional.

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 mathematics, 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. M&S fee $70.00.

MLS 3305 COM-BSBS 3(3,0) Hematology: PR: CHM 2210 and PCB 3703C. Overview of the hemopoietic system and disease states associated with blood and bone marrow. Fall.

MLS 3305S COM-BSBS 1(0,6) 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 3202C, CHM 2210, PCB 3703C or C.I. Instruction and laboratory practice in the examination and study of clinical material for the detection and identification of human parasites. Fall. M&S fee $46.00.

MLS 4460L COM-BSBS 1(0,6) Clinical Pathogenic Microbiology Lab: PR: Admission to the professional phase of the MLS program. CR: MCB 3203. Laboratory analysis of human pathogens from clinical samples to include bacteria and fungi. Spring. M&S fee $53.00.


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 stringed keyboard 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 forms of effective song study. Odd Fall.

MUL 4437 CAH-MUSIC 3(3.0) String Literature and Pedagogy: PR: MUL 2014. Important literature written for stringed 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(3.0) Brass Literature and Pedagogy: PR: MUL 2014. Important literature written for brass instruments, and basic concepts and techniques to teach brass. Odd Spring.


MUL 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(3.0) 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(3.0) 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. Structure of nonprofit performing arts organization (PAOs), examining the fundamental elements of administration, audience development, marketing, and fund-raising. Spring.

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. Odd Fall.

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.

MUL 5806 CAH-MUSIC 3(3.0) 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 for percussion with mallets. May be repeated for credit. Fall, Spring. & $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. & $30.00

MUN 3123L CAH-MUSIC 1(0.3) Concert Band: PR: C.I. Required for all majors. Study and performance of music for large ensembles. May be repeated for credit. Fall, Spring. & $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. & $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. & $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. & $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. & $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. & $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. & $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. & $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 all saxophones. May be used in the degree program a maximum of 6 times. Fall, Spring. & $20.00

MUN 3427 CAH-MUSIC 1(1.0) Flute Ensemble: PR: Student must pass an audition in front of the instructor. An in-depth study and performance of music written for an ensemble comprised of all flutes. May be used in the degree program a maximum of 6 times. Fall, Spring. & $20.00

MUN 3431L CAH-MUSIC 1(0.2) Brass Quintet: PR: Audition and Consent of Instructor. Study and preparation 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. & $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. & $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. & $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. & $30.00

MUN 3444 CAH-MUSIC 1(1.0) Mallet Ensemble: PR: C.I. Preparation and performance of music for mallet ensemble. May be repeated for credit. Fall, Odd Spring. & $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. & $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. & $20.00

MUN 3484 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. & $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 ensembles. May be repeated for credit. Fall, Spring. & $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, emphasizing improvisation. May be repeated for credit. Fall, Spring. & $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. & $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. & $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. & $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. & $20.00
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. Occasional. 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 vocal ensembles. Graded S/U. May be used in the degree program a maximum of 4 times. Odd Fall. M&S fee $15.00

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 $20.00

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. Flexibile 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. Graduate ensemble experience with instruments and repertoire of the Medieval, Renaissance, and Baroque periods. May be used in the degree program a maximum of 5 times. Occasional. M&S fee $5.00

MUN 5715I 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

MUO 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.

MUO 3503L CAH-MUSIC 1(0,3)
Opera Workshop: PR: MUO 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

MUO 5507L 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, DIs, and the Internet. Fall, Spring. M&S fee $15.00

MUS 3254 CAH-MUSIC 2(0,2)
Italian and French Lyric Diction: PR: MUS 1250.
Study and applications of the correct sung pronunciation of the Italian and French languages. Odd Spring.

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 S/U. 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(0,3)
Music BA Capstone Project: PR: C.I. Self-designed project, completed under faculty supervision, that demonstrates abilities 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 S/U. 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 1004 CAH-MUSIC 3(3,0)
Fundamentals of Music I: Basic music theory and reading music at the keyboard. Fall.

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 1122. 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(0,3)
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(0,3)
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 Music: 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.

MVB 1211 CAH-MUSIC 1(0,1)
MV 1212 CAH-MUSIC 1(0,1)

MV 1213 CAH-MUSIC 1(0,1)

MV 1214 CAH-MUSIC 1(0,1)

MV 1215 CAH-MUSIC 1(0,1)
Secondary Tuba: PR: Consent of Music Chair. CR: Performing ensemble. Advanced instruction in tuba. Intended for non-music majors. May be repeated for credit. Fall, Spring.

MV 1411 CAH-MUSIC 2(1,1)
Trumpet I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MV 1412 CAH-MUSIC 2(1,1)
French Horn I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MV 1413 CAH-MUSIC 2(1,1)
Trombone I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MV 1414 CAH-MUSIC 2(1,1)
Euphonium I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MV 1415 CAH-MUSIC 2(1,1)
Tuba I: PR: Major in music or consent of chair; audition. May be repeated for credit. Even Fall, Spring.

MV 2421 CAH-MUSIC 2(1,1)
Trumpet II: PR: MV 1411 and competence determined by faculty jury. Continuation of MV 1411. May be repeated for credit. Fall, Spring.

MV 2422 CAH-MUSIC 2(1,1)
French Horn II: PR: MV 1412 and competence determined by faculty jury. Continuation of MV 1412. May be repeated for credit. Fall, Spring.

MV 2423 CAH-MUSIC 2(1,1)
Trombone II: PR: MV 1413 and competence determined by faculty jury. Continuation of MV 1413. May be repeated for credit. Fall, Spring.

MV 2424 CAH-MUSIC 2(1,1)
Euphonium II: PR: MV 1414 and competence determined by faculty jury. Continuation of MV 1414. May be repeated for credit. Fall, Spring.

MV 2425 CAH-MUSIC 2(1,1)
Tuba II: PR: MV 1415 and competence determined by faculty jury. Continuation of MV 1415. May be repeated for credit. Fall, Spring.

MV 3431 CAH-MUSIC 2-3(1,1)
Trumpet III: PR: MV 2421. Continued study of performance skills of the trumpet, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 3432 CAH-MUSIC 2-3(1,1)
French Horn III: PR: MV 2422 and competence determined by faculty jury. Continued study of performance skills of the French horn, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 3433 CAH-MUSIC 2-3(1,1)
Trombone III: PR: MV 2423 and competence determined by faculty jury. Continued study of performance skills of the trombone, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 3434 CAH-MUSIC 2-3(1,1)
Euphonium III: PR: MV 2424 and competence determined by faculty jury. Continued study of performance skills of the euphonium, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 3435 CAH-MUSIC 2-3(1,1)
Tuba III: PR: MV 2425 and competence determined by faculty jury. Continued study of performance skills of the tuba, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 4441 CAH-MUSIC 4(1,1)
Trumpet IV: PR: MV 3431. Intensive advanced performance study of the trumpet, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 4442 CAH-MUSIC 4(1,1)
French Horn IV: PR: MV 3432 and competence determined by faculty jury. Intensive advanced performance study of the French horn, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 4443 CAH-MUSIC 4(1,1)
Trombone IV: PR: MV 3433 and competence determined by faculty jury. Intensive advanced performance study of the trombone, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 4444 CAH-MUSIC 4(1,1)
Euphonium IV: PR: MV 3434 and competence determined by faculty jury. Intensive advanced performance study of the euphonium, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 4445 CAH-MUSIC 4(1,1)
Tuba IV: PR: MV 3435 and competence determined by faculty jury. Intensive advanced performance study of the tuba, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

MV 5451 CAH-MUSIC 2(1,0)
Trumpet V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall, Spring.

MV 5452 CAH-MUSIC 2(1,0)
French Horn V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall, Spring.

MV 5453 CAH-MUSIC 2(1,0)
Trombone V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall, Spring.

MV 5454 CAH-MUSIC 2(1,0)
Baritone V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall, Spring.

MV 5455 CAH-MUSIC 2(1,0)
Tuba V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall, Spring.

MV 1010 CAH-MUSIC 2(1,1)
Jazz Piano I: PR: Music major or C.I. Scale studies, arpeggios, chord voicings, and other techniques included in fundamentals of jazz piano skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MV 1213 CAH-MUSIC 2(1,1)
Jazz Guitar I: PR: Music major or C.I. Scales, arpeggios, chord voicings, and other techniques included in fundamentals of jazz guitar skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MV 1214 CAH-MUSIC 2(1,1)
Jazz Bass I: PR: Music major or C.I. Basic 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.

MV 1219 CAH-MUSIC 2(1,1)
Jazz Drum Set I: PR: Music major or C.I. Basic 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.

MV 2220 CAH-MUSIC 2(1,1)
Jazz Piano II: PR: MV 1010. Continuation of MVJ 1010. Scale studies, arpeggios, chord voicings, and other techniques included in progressive jazz piano skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MV 2223 CAH-MUSIC 2(1,1)
Jazz Guitar II: PR: MV 1213. Continuation of MVJ 1010. Scale studies, arpeggios, chord voicings, and other techniques included in progressive jazz guitar skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MV 2224 CAH-MUSIC 2(1,1)
Jazz Bass II: PR: MVJ 1213. Continuation of MVJ 1010. Scale studies, arpeggios, chord voicings, and other techniques included in progressive jazz bass skills. May be used in the degree program a maximum of 3 times. Odd Spring.

MV 3230 CAH-MUSIC 3(1,1)
Jazz Drum Set III: PR: MVJ 1214. Continuation of MVJ 1214. 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.

MV 3233 CAH-MUSIC 3(1,1)
Jazz Drum Set III: PR: MVJ 1214. Continuation of MVJ 1214. 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.

MV 3234 CAH-MUSIC 3(1,1)
Jazz Bass III: PR: MVJ 1222. Continuation of MVJ 1222. Progressive 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.

MV 3235 CAH-MUSIC 3(1,1)
Jazz Bass IV: PR: MVJ 1222. Continuation of MVJ 1222. Progressive 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.

MV 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.

MV 5350 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.
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MVK 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.

MVK 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.

MVK 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. Open to music majors 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 2121 CAH-MUSIC 10(2)
Class Piano III: PR: MVK 1112. Music major, or C.I. Continuation of MVK 1112. Music majors only; not open to music majors whose major instrument is piano. Fall, Spring.

MVK 2122 CAH-MUSIC 10(2)
Class Piano IV: PR: Music major, MVK 2121 or C.I. Continuation of MVK 2121. 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.

MVO 5250 CAH-MUSIC 1(1,0)
Advanced Secondary Instruction: PR: Graduate status or senior standing, and C.I. Advanced instructional techniques on a secondary instrument or in voice. May be repeated for credit. Occasional.

MVP 1211 CAH-MUSIC 1(0,1)
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.

MVP 1411 CAH-MUSIC 2(1,1)
Percussion I: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring. M&S fee $35.00

MVP 2421 CAH-MUSIC 2(1,1)
Percussion II: PR: MVP 1411 and competence determined by faculty jury. Continuation of MVP 1411. May be repeated for credit. Fall, Spring. M&S fee $35.00

MVP 3431 CAH-MUSIC 2(3-1,1)
Percussion III: PR: MVP 2421 and competence determined by faculty jury. Continuation of study of performance skills of percussion, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring, Fall, Spring.

MVP 3630 CAH-MUSIC 2(2,0)
Percussion Pedagogy: PR: Music major, C.I. Teaching methods and materials for percussion students and groups. Fall, Spring.

MVP 4441 CAH-MUSIC 4(1,1)
Percussion IV: PR: MVP 3431 and competence determined by faculty jury. Intensive advanced performance study of percussion for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring. M&S fee $35.00

MVP 5451 CAH-MUSIC 2(1,0)
Percussion V: PR: Graduate status or senior standing and C.I. May be repeated for credit. Fall, Spring. M&S fee $35.00

MVS 1211 CAH-MUSIC 10(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 10(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 10(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 10(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 10(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)
Violin II: 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)
Harp II: PR: Major in music or consent of chair; audition. May be repeated for credit. Fall, Spring.

MVS 2421 CAH-MUSIC 2(1,1)
Violin III: PR: MVS 1411 and competence determined by faculty jury. Continuation of MVS 1411. May be repeated for credit. Fall, Spring.

MVS 2422 CAH-MUSIC 2(1,1)
Viola II: PR: MVS 1412 and competence determined by faculty jury. Continuation of MVS 1412. May be repeated for credit. Fall, Spring.

MVS 2423 CAH-MUSIC 2(1,1)
Cello II: PR: MVS 1413 and competence determined by faculty jury. Continuation of MVS 1413. May be repeated for credit. Fall, Spring.

MVS 2424 CAH-MUSIC 2(1,1)
Bass II: PR: MVS 1414 and competence determined by faculty jury. Continuation of MVS 1414. May be repeated for credit. Fall, Spring.

MVS 2425 CAH-MUSIC 2(1,1)
Harp III: PR: MVS 1415 and competence determined by faculty jury. Continuation of MVS 1415. May be repeated for credit. Fall, Spring.

MVS 2426 CAH-MUSIC 2(1,1)
Harp II: PR: MVS 1416 and competence determined by faculty jury. Continuation of MVS 1416. May be repeated for credit. Fall, Spring.

MVS 3431 CAH-MUSIC 2-3(1,1)
Violin III: PR: MVS 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: MVS 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: MVS 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: MVS 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: MVS 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: MVS 2426 and competence determined by faculty jury. Continued performance study 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: MVS 3436 and competence determined by faculty jury. Intensive advanced performance study of the guitar, for 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: MVS 3431 and competence determined by faculty jury. Intensive advanced performance study of the violin, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.
Harp IV: PR: MVV 3434 and competence determined by faculty jury. Intensive advanced performance study of the string basses, for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Harp V: PR: MVV 3435 and competence determined by faculty jury. Intensive advanced performance study of the harp, for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Violin V: PR: MVV 3436 and competence determined by faculty jury. Intensive advanced performance study of the saxophones, for performance majors. May be repeated for credit.

Oboe V: PR: MVV 3437 and competence determined by faculty jury. Intensive advanced performance study of the oboe, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Harp II: PR: MVV 3438 and competence determined by faculty jury. Intensive advanced performance study of the harp, for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Oboe II: PR: MVV 3439 and competence determined by faculty jury. Intensive advanced performance study of the oboe, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Clarinet II: PR: MVV 3440 and competence determined by faculty jury. Intensive advanced performance study of the clarinet, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Flute II: PR: MVV 3441 and competence determined by faculty jury. Intensive advanced performance study of the flute, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

Clarinet III: PR: MVV 3442 and competence determined by faculty jury. Continued study of performance skills of the clarinet, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Bassoon III: PR: MVV 3443 and competence determined by faculty jury. Intensive advanced performance study of the bassoon, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Bassoon IV: PR: MVV 3444 and competence determined by faculty jury. Intensive advanced performance study of the bassoon, for performance majors. May be repeated for credit.

Violin IV: PR: MVV 3445 and competence determined by faculty jury. Continued study of performance skills of the violin, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Bassoon V: PR: MVV 3446 and competence determined by faculty jury. Continued study of performance skills of the bassoon, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Clarinet IV: PR: MVV 3447 and competence determined by faculty jury. Intensive advanced performance study of the clarinet, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Flute IV: PR: MVV 3448 and competence determined by faculty jury. Intensive advanced performance study of the flute, for performance majors. May be repeated for credit.

Violin V: PR: MVV 3449 and competence determined by faculty jury. Continued study of performance skills of the violin, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Flute V: PR: MVV 3450 and competence determined by faculty jury. Intensive advanced performance study of the flute, for performance majors. May be repeated for credit.

Clarinet V: PR: MVV 3451 and competence determined by faculty jury. Continued study of performance skills of the clarinet, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Bassoon V: PR: MVV 3452 and competence determined by faculty jury. Continued study of performance skills of the bassoon, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Saxophone I: PR: MVV 3453 and competence determined by faculty jury. Intensive advanced performance study of the saxophone, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Saxophone II: PR: MVV 3454 and competence determined by faculty jury. Continued study of performance skills of the saxophone, for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Saxophone III: PR: MVV 3455 and competence determined by faculty jury. Continued study of performance skills of the saxophone, for performance majors. May be repeated for credit.

Saxophone IV: PR: MVV 3456 and competence determined by faculty jury. Continued study of performance skills of the saxophone, for performance majors. May be repeated for credit.

Saxophone V: PR: MVV 3457 and competence determined by faculty jury. Continued study of performance skills of the saxophone, for performance majors. May be repeated for credit.

Euphonium: PR: MVV 3458 and competence determined by faculty jury. Continued study of performance skills of the euphonium, for performance majors. May be repeated for credit.

English Horn: PR: MVV 3459 and competence determined by faculty jury. Continued study of performance skills of the English Horn, for performance majors. May be repeated for credit.

Oboe: PR: MVV 3460 and competence determined by faculty jury. Continued study of performance skills of the oboe, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Clarinet: PR: MVV 3461 and competence determined by faculty jury. Continued study of performance skills of the clarinet, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Bassoon: PR: MVV 3462 and competence determined by faculty jury. Continued study of performance skills of the bassoon, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Violin: PR: MVV 3463 and competence determined by faculty jury. Continued study of performance skills of the violin, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Flute: PR: MVV 3464 and competence determined by faculty jury. Continued study of performance skills of the flute, for performance majors. May be used in the degree program a maximum of 3 times. Fall, Spring.

Clarinet: PR: MVV 3465 and competence determined by faculty jury. Continued study of performance skills of the clarinet, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Bassoon: PR: MVV 3466 and competence determined by faculty jury. Continued study of performance skills of the bassoon, with additional intensive work expected for performance majors. May be in the degree program a maximum of 3 times. Fall, Spring.

Saxophone: PR: MVV 3467 and competence determined by faculty jury. Continued study of performance skills of the saxophone, for performance majors. May be repeated for credit.

Euphonium: PR: MVV 3468 and competence determined by faculty jury. Continued study of performance skills of the euphonium, for performance majors. May be repeated for credit.

English Horn: PR: MVV 3469 and competence determined by faculty jury. Continued study of performance skills of the English Horn, for performance majors. May be repeated for credit.

Advanced Health Assessment and Diagnostic Reasoning: PR: OR: NGR 5141; CR: NGR 5003L. Admission to the M.S. in Nursing or Doctor of Nursing Practice program tracks or C.I. Concepts and skills of advanced health assessment over the lifespan. Application of the diagnostic reasoning process through differential diagnoses. May be used in the degree program a maximum of 3 times. Fall, Spring.
Nelson 5003L CON-NURS 1(0.1)
Advanced Health Assessment and Diagnostic Reasoning (Lab): PR; or CR: NGR 5141; CR: NGR 5033. Admission to the M.S. in Nursing or Doctor or Nursing Practice tracks or C.I. Application of concepts and skills for advanced health assessment and diagnostic reasoning over the six- or ten-semester Graduated S/U. May be used in the degree program a maximum of 2 times. Fall, Spring. M&S fee $45.00

Nelson 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.

Nelson 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.

Nelson 5638 CON-NURS 3(3.0)
Health Promotion: PR: Admission to M. S. in Nursing or Doctorate 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.

Nelson 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 gap. May be used in the degree program a maximum of 2 times. Occasional.

Nelson 5690 CON-NURS 3(3.0)
Interdisciplinary Care at End-of-Life: PR: Graduate status or C.I. Examination of interdisciplinary 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.

Nelson 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.

Nelson 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.

Nelson 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.

Nelson 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.

Nelson 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.

Nelson 5884 CON-NURS 3(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.

Nelson 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.

Nelson 5994C CON-NURS 3(2.1)
International Perspectives of Global Health: PR: Admission to the M.S. or C.I. An analysis of global health in comparison with that of USA and other nation’s health care systems. Occasional.

NSP 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.

NSP 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.

NSP 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 required for credit. Fall.

NSP 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 the completion of 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.

NSP 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, intervention, nursing resources, protocols and resources. Occasional.

NSP 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.

NSP 4695 CON-NURS 3(3.0)
Forensic Nursing Principles and Practice: PR: NUR 3225 or NUR 3255 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 of forensic nursing. Occasional.

NUR 3028L CON-NURS 2(2.0)
Essentials of Nursing Practice: PR: Admission to BSN program. CR: NUR 3028L; NUR 3065L 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 key-protector nursing skills. Graded S/U. Fall. 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: CR: 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 pathophysiologic 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 2104C or 2103; for Basic program students: successful completion of the first semester; for RN to BSN students: NUR 3850 and C.I. 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 2104C or 2103; 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 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 research for nursing practice. Fall.

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 applications of the pathophysiologic basis of illness. Fall.

NUR 3225G CON-NURS 2(1.0)
Nursing Care of the Adult II: 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 3225L, NUR 3125, NUR 3445; NUR 3445L. Clinical experiences applying biopsychosocial models of nursing practice for individuals and families experiencing health problems, short-term illnesses or chronic health problems. Fall.

NUR 3345 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 3445; NUR 3445L. Concepts of nursing care applications of the pathophysiologic basis of illness. Fall.

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 3445; NUR 3445L. Concepts of nursing care applications of the pathophysiologic basis of illness. Fall.
NUR 3445L CON-NURS 2(0.6) Nursing Care of Families Clinical: PR: Admission to BSN program. Retakes of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225; NUR 3225L; NUR 3125; NUR 3145; NUR 3445. Nursing practice to address health promotion, maintenance and illness management needs of childbearing and childbearing families. 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 3065 and NUR 3065L; NUR 3825; NUR 3834L. Concepts of community health nursing focusing on community as client and levels of prevention across the lifespan. Fall.

NUR 3634L CON-NURS 2(0.6) Community Health Nursing Clinical: PR: Admission to BSN program. CR: NUR 3028 and NUR 3028L; NUR 3065 and NUR 3065L; NUR 3825; NUR 3834. 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 $45.00

NUR 3755L CON-NURS 2(0.6) Essentials of Nursing Practice Clinical: PR: Admission to BSN Program. CR: NUR 3028 and NUR 3028L; NUR 3065 and NUR 3065L; NUR 3825; NUR 3834 and NUR 3834L. 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) Principles of Oncology Nursing: PR: C.I. or Junior standing. Basic principles and concepts in oncology. Focus on cancer as it affects individuals and families. Emphasis on cancer treatment, symptoms management and psychosocial response. Occasional.

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(1.0) Professional Socialization Seminar I: PR: NUR 3065 and C.I. Application of library utilization and professional writing skills, critical thinking and stress management principles to the beginning role of the professional nurse. Spring.

NUR 3825 CON-NURS 2(2.0) 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(2.0) 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) Bioethics in Nursing: PR: PSY 2012, SYG 2000, or PHI 2010, or C.I. An examination of human values and bioethical questions arising in health care as they relate to nursing. Occasional.

NUR 3826H CON-NURS 3(0.0) Honors Bioethical and Legal Issues in Health Care: PR: Permission of Honors. Includes questions concerning human values, legal and ethical questions arising in health care delivery policy issues and professional practice among licensed health care professionals. Occasional.

NUR 3936 CON-NURS 3(2.2) International Perspectives of Nursing and Health Care: PR: Director 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 4177 CON-NURS 3(3.0) Holistic Nursing: Explore lived experiences of health-wellness-sickness on mind-body-spirit, transpersonal healing and complementary interventions to maximize nursing care outcomes. Occasional.

NUR 4178 CON-NURS 3(3.0) 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(4.0) 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(0.3) Nursing Care of the Adult II: Clinical Practice: PR: Admission to BSN program. CR: Successful completion of the first three 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 INTRO 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(3.0) 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. Occasional.

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(3.0) 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 4535 CON-NURS 3(3.0) Psychiatric Mental Health Nursing: PR: Admission to BSN program, successful completion of the first three semesters in the BSN curriculum, and concurrent enrollment in NUR 4227; NUR 4227L; 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 4227; 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) Practicum in Community and Public Health Nursing for RNs: PR: NUR 3634, CR: NUR 4537, NUR 4827, and NUR 4637. Synthesis of theories and concepts incorporated throughout the curriculum, applied in the community health and public health nursing setting, and directed toward professional role development. Graded S/U. Fall, Spring.

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; NUR 4457L; NUR 4457. 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 4457L. Clinical practice to apply concepts of community assessment completed in NUR 4637 Public Health Nursing. Graded S/U. Fall, Spring.

NUR 4675 CON-NURS 3(3.0) Issues in Rural Health Care: PR: NUR 3065 or Junior or senior standing or C.I. The rural environment and appropriate health care services and programs for rural populations. Occasional.

NUR 4760 CON-NURS 3(3.0) Principles of Pain Management: PR: Admission to the Nursing Program, RN license, or C.I. Principles of pain and pain management across the lifespan from neonates to the elderly, including practices across healthcare settings, from acute care to home care. Occasional.

NUR 4765 CON-NURS 3(3.0) 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(3.0) Leadership and Management Principles: PR: NUR 3065, 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 principles of leadership and management. Fall, Spring.

NUR 4828 CON-NURS 3(3.0) 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. Concepts of leadership and role 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(3.0) Honors Leadership, Management and Role Transition: PR: Admission to the 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(3.0) Accelerated Transitioning into Professional Practice as a Leader: PR: or C.I. 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(3.0) 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.

UCF Courses and Descriptions

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NUR 4837H 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 course work; 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 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 4907H 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 4942L CON-NURS 3(0,3) Nursing Practicum for International Students: PR: C.I. In-depth study of clinical nursing practice for international students. Graded S/U or C.I. Course used in the degree program a maximum of 2 times. Occasional.

NUR 4945L CON-NURS 4(0,4) Nursing Practicum: PR: Admission to the BSN program; STA 2014C or STA 2023; For Basic program successful completion of the first three semesters; for RN to BSN students NUR 3050 or NUR 3055 or NUR 3056 or C.I. Designed 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 4971H CON-NURS 1-3(1-3,0) Honors Thesis or Project Works: 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 OPT-OPT 3(3,0) Oceanography: PR: CHM 2045C and CHM 2046, and a “C” (2.0) or better in BSC 2010C. Biological, physical and chemical oceanography. Occasional.

OCE 3052 OPT-OPT 3(0,3) Introduction to Photonics: PR: MAP 2302. Introduction to light as rays, waves, and photons. Optical fibers, internal and diffraction. Polarization. Image formation. LEDs and lasers. Detectors. Optical systems (cameras, scanners, sensors). Fall.

OCE 3052L OPT-OPT 1(0,3) Introduction to Photonics Laboratory: PR: MAP 2302. OCE 3052 Laboratory experiments covering the optical properties (geometrical and physical optical images). Image formation. Fiber transmission. Laser beams. Interferometers. Optical systems (cameras, scanners, sensors). Polarization devices. Fall. M&S fee $15.00.


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(0,3) Optics & Photonics Design: PR: OCE 3052. Analysis and design of optical and photonic systems. Assessment of image quality using optical design software. Simulation of integrated photonic 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, photodetector, and optical communications. Spring. M&S fee $18.00.

OCE 4470 OPT-OPT 3(0,3) Electro-Optics: PR: EEL 3720C and 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) Electro-Optics Laboratory: CR: OSE 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(0,3) Biophotonics: PR: OSE 3052. This course is an introduction to photobiology (interaction of light with biological matter), tissue optics, light-induced cellular processes, optical and molecular imaging. Fall.

OCE 4830 OPT-OPT 3(0,3) 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(0,3) Senior Design I: PR: OSE 4525, OSE 4470 and OSE 4520. PR: or 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(0,3) Senior Design II: PR: OSE 4951. Execution of project developed in OSE 4911, including complete project design review, prototyping, construction, testing, cost, functionality, demonstration, presentation, and reporting. Emphasis on team effort. Spring.

OCE 5041 OPT-OPT 3(0,3) 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. Fall, 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(0,3) Fundamentals of Optoelectronic Devices: PR: Graduate standing or C.I. Operation, methods of fabrication, applications, and limitations of various optical devices including quantum well semiconductor devices. Fall.

OCE 5630C OPT-OPT 3(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, and 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 4213 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 FERT, as well as team building, facilitating, and leadership skills. Occasional.
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<tr>
<th>Course Code</th>
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<tr>
<td>PAD 4144</td>
<td>Nonprofit Organizations: PR: Junior standing and have declared Nonprofit 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.</td>
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<tr>
<td>PAD 4147</td>
<td>Research Development in the Nonprofit Sector: PR: Junior status and have declared Nonprofit minor or certificate or C.I. Examination of the development and management processes of nonprofit organizations. Fall.</td>
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<td>PAD 4148</td>
<td>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.</td>
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<tr>
<td>PAD 4153</td>
<td>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.</td>
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<tr>
<td>PAD 4204</td>
<td>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.</td>
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<tr>
<td>PAD 4223</td>
<td>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.</td>
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<tr>
<td>PAD 4253</td>
<td>Community &amp; 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.</td>
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<tr>
<td>PAD 4255</td>
<td>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.</td>
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<td>PAD 4331</td>
<td>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.</td>
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<td>PAD 4334</td>
<td>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.</td>
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<td>PAD 4341</td>
<td>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.</td>
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<td>PAD 4347</td>
<td>Community Resiliency &amp; Sustainability: PR: (ENC 1102 &amp; Sophomore Standing) or C.I. Issues of community resiliency &amp; sustainability specific to emergency &amp; crisis management. Includes coverage of public policy &amp; management, urban planning &amp; development, and community sociology. Occasional.</td>
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<td>PAD 4390</td>
<td>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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4392</td>
<td>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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4395</td>
<td>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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4414</td>
<td>Human Resource Administration: PR: PAD 3003, and PAD 3733, and ECO 2013 or ECO 2023, and Junior standing, or C.I. Study of personnel, organization, human resource strategic planning aspects such as zoning, growth management, and planning methods, including alternative methods. Fall, Spring.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4446</td>
<td>Multiculturalism in Public Administration: PR: CHPA major or comprehensive, or Junior standing, 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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4712</td>
<td>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. The history, operating components, structural characteristics, and increasing impact of laws and related sanctions on personnel practices of public agencies. Fall, Spring.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4720</td>
<td>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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4803</td>
<td>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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4822</td>
<td>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 the legislative, executive, and judicial branches. Fall.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 4841</td>
<td>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 S/U. Occasional.</td>
<td>1-12(3,12-40)</td>
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<tr>
<td>PAD 4948</td>
<td>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 Humanities certification program. Requires minimum of 300 hours placement in nonprofit human services organization. May be repeated for credit. Fall, Spring.</td>
<td>3(0,20)</td>
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<tr>
<td>PAD 5041</td>
<td>Ethics and Values in Public Administration: PR: C.I. Overview of ethics in the public sector. Public concern, past patterns, and individual/social aspects of ethical behavior are explored. Occasional.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5145</td>
<td>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.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5146</td>
<td>Nonprofit Resource Development: PR: Admission to Master of Nonprofit Management degree, Nonprofit Certificate or C.I. Examines human resource development and financial resource development in nonprofit organizations including management issues. Fall, Spring.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5336</td>
<td>Introduction to Urban Planning: Issues of urbanization, regional development, land use and comprehensive planning, environmental planning, and social planning. Fall.</td>
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<tr>
<td>PAD 5337</td>
<td>Urban Design: Planning techniques such as planned unit developments, capital improvements planning, and growth management, and planning methods, including needs assessment and graphic design. Fall.</td>
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<tr>
<td>PAD 5338</td>
<td>Land Use and Planning Law: Review of national and local laws of the federal and state laws and legal issues that relate to the practice of land use planning. Spring.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5356</td>
<td>Managing Community &amp; Economic Development: PR: Graduate standing or C.I. Overview of economic development activities focusing on policy and managerial issues at the local level. Spring.</td>
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<td>PAD 5425</td>
<td>Dispute Resolution in the Public Sector: An examination of the skills needed to resolve disputes in the public sector through facilitation, mediation, and alternative methods. Occasional.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5427</td>
<td>Labor Relations in the Public Sector: Current trends and developments in employment relations in the public sector, especially employee organization, negotiation, and the collective bargaining process. Occasional.</td>
<td>3(3,0)</td>
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<td>PAD 5807</td>
<td>Local Government Operations: Operational functions of municipal and county governments and the role of the chief executive officer. Occasional.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5850</td>
<td>Grant and Contract Management: PR: Admission to the Master of Nonprofit Management degree, Nonprofit Certificate or C.I. Study of government or public nonprofit procurement laws, contract administration and management responding to funding assistance solicitations and grant and contract preparation, evaluation, and presentation. Fall, Spring.</td>
<td>3(3,0)</td>
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<tr>
<td>PAD 5855</td>
<td>Introduction to Public Procurement: PR: C.I. Acquisition of knowledge and skills relating to the public procurement process. Occasional.</td>
<td>3(3,0)</td>
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PAF 2102 HPA-HPA  2(2,0)
Public Affairs Careers: Introduction and examination of public affairs programs of study and career opportunities that will prepare students for future careers. Fall.

PAF 3850H HPA-HPA  3(3,0)

PAF 4754 HPA-PUB AFF  3(3,0)
Interdisciplinary Leadership in Public Affairs: PR: Junior Standing and ENC 1101 or C.I. Global public affairs and leadership for social and economic development, social justice, transnational and interdisciplinary partnerships, and social change. Occasional.

PAZ 4234 COS-BIOL  3(3,0)
Zoo and Aquarium Management: PR: A "C" (2.0) or better in both PCB 3044 and PCB 3063, or C.I. Conservation, propagation and exhibition of wild animals in captivity. Occasional.

PAZ 5235 COS-BIOL  3(3,0)
Zoo and Aquarium Biology Management: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Conservation, propagation and exhibition of wild animals in captivity. Occasional.

PCB 3023 COS-BIOL  3(3,0)
Molecular Cell Biology: PR: CHM 2210 and a "C" (2.0) or better in both BSC 2010C and PCB 3063, or C.I. Structure and function of eukaryotic cells including bioenergetics, protein structure and function, chromosome structure, DNA repair and recombination, membrane structure and transport, intracellular vesicle trafficking, cell signaling, apoptosis and cell cycle control and organization and functions of the cytoskeleton and extracellular matrix. Fall, Spring.

PCB 3044 COS-BIOL  3(3,0)
Principles of Ecology: PR: CHM 2045C or CHM 2049. Fundamental theory, design, and practice of modern bio-imaging techniques applicable for basic biomedical research. Fall.

PCB 3063L COS-BIOL  3(3,0)
Principles of Ecology Laboratory: PR: or CR: PCB 3044 or C.I. Field and laboratory investigations of natural ecosystems, with emphasis on current methodology in ecology. Fall.

PCB 3303 COS-BIOL  3(3,0)
Genetics: PR: CHM 2046 and a "C" (2.0) or better in BSC 2010C, or C.I. Basic principles of heredity as applied to prokaryotes and eukaryotes. Fall, Spring.

PCB 3303L COS-BIOL  3(3,0)
Honors Genetics: PR: CHM 2046 and a "C" (2.0) or better in BSC 2010C, or C.I. and consent of Honors. Basic principles of heredity as applied to prokaryotes and eukaryotes with honors content. Occasional.

PCB 3303L COS-BIOL  3(3,0)
Genetics Laboratory: PR: or CR: PCB 3063 or C.I. Introduction to laboratory techniques of genetics. Fall, Spring. M&S fee $28.00

PCB 3323 COM-BSBS  3(3,0)
Immunology: PR: BSC 2010C. Basic principles of immune reactions, antigen antibody interactions, cell mediated immunity, tumor immunity, and immune therapy. Fall, Spring.

PCB 3323L COM-BSBS  1(0,3)
Immunology Laboratory: CR: PCB 3323. Introduction to laboratory techniques in immunology. Fall, Spring. M&S fee $45.00

PCB 3343L COS-BIOL  2-5(0,6-15)
Principles of Field Ecology: PR: BSC 2011C, PCB 3044 or C.I. Applied study of biodiversity, ecology and conservation in field topics, field research, lectures. Emphasis and location varies by instructor. May be repeated for credit only when course content is different. Occasional.
PCB 4723 COS-BIOL 4(4.0) Animal Physiology: PR: A “C” (2.0) or better in PCB 3023, 3024, 3044, or C.I. Functions and 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.I. Hormonal regulation of an animal’s physiological responses to environmental changes. Occasional.

PCB 4805 COM-BSBS 3(3.0) Endocrinology: PR: PCB 3703C or equivalent; CHM 2211. Mechanisms of action of hormones; interrelationship between the nervous and endocrine systems. Occasional.

PCB 4813 COM-BSBS 3(3.0) Molecular Aspects of Obesity, Diabetes & Metabolism: PR: PCB 3522 or BCH 4033. Advanced topics in physiological processes at the cellular, molecular and system levels. Spring.

PCB 4832 COM-BSBS 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-BSBS 3(3.0) Advanced Human Physiology: PR: PCB 3522, PCB 3703C, ZOO 3733C. Advanced topics in physiological processes at the cellular, molecular and system levels. Fall.

PCB 4843 COM-BSBS 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-BSBS 3(3.0) Peer Instruction and Laboratory Occupational Training: PR: BSC 3403C or BSC 3403H 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-BSBS 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-BSBS 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 5238 COS-BIOL 3(3.0) Immunobiology: PR: PCB 3233, PCB 4620. Advanced topics in immune system dysregulation with special emphasis on innate immunity. Spring.

PCB 5265 COS-BIOL 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 PCB-BSBS 3(3.0) Signal Transduction Mechanisms: PR: PCB 5232 and PCB 5244. A survey 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, energy, nutrients, 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 & Ecomammalology: PR: A grade of B (3.0) or better in Genetics (PCB 3065 or equivalent) and Ecology (PCB 3044 or equivalent) or C.I., or graduate standing. Examination of how hosts, parasites and environment interact with populations, communities. Occasional.

PCB 5615 COS-BIOL 3(3.0) Mammalian Phylogenetics: PR: PCB 3522 or equivalent. Molecular studies of higher taxa of mammals. History, genealogic relationships, origin. Fall.

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 at maturity, survival and senescence) examined using a quantitative genetic framework. Even Fall.

PCB 5727 PCB-BSBS 3(3.0) Advanced Evolutionary Cell and Molecular Biology: PR: PCB 5322, PCB 4524 or C.I. An introduction to the role of evolution in shaping biological systems. Fall.

PCB 5833C COS-BIOL 4(3.2) Advanced Human Physiology: PR: Graduate standing, PCB 5832 or PCB 5842. A survey of various signal transduction pathways involved in the nervous system function. Fall.

PCB 5834C COM-BSBS 4(3.2) Advanced Cellular and Molecular Neuroscience: PR: Graduate standing, an advanced and thorough course providing understanding of the cellular components and molecular signaling pathways involved in the nervous system function. Spring.

PCB 5837 COM-BSBS 3(3.0) Cellular and Molecular Neurosciences: PR: Graduate Standing or C.I. Designed to provide graduate students the concepts required to understand the physiological basis of brain functions at the cellular, molecular and system levels. Fall.

PCB 5838 COM-BSBS 3(3.0) Cellular and Molecular Basis of Brain Functions: PR: Graduate Standing or C.I. Designed to provide graduate students the concepts required to understand the physiological basis of brain functions at the cellular, molecular and system levels. Fall.

PCB 5895 COS-BIOL 3(3.0) Population Genetics: PR: Admission to the M.S. in Biology, Ph.D. in Conservation Biology, or Certificate in Conservation Biology, or C.I. Population genetics and the study of the various forces that result in evolutionary changes through time. Even Spring.

PCO 4203C COS-PSYCH 3(3.1) Interviewing and Counseling: PR: PSY 3042. A review of various interviewer strategies and techniques used in Mental Health settings as well as practical experience in interviewing and counseling procedures. Fall, Spring.

PEL 2011 ED-E&HS 2(1,1) Basic Volleyball and Softball: The analysis of offensive and defensive alignment, techniques, and strategies. Occasional.

PEL 2111 ED-E&HS 2(1,1) Bowling: Fundamentals of bowling techniques and the development of skills based on those fundamentals. Occasional.

PEL 2112 ED-E&HS 2(1,1) Intermediate Bowling: PR: PEL 2111, bowling experience, or average of 140 verification by league sheet. This course provides in-depth information that is necessary for the development of high bowling averages. Occasional.

PEL 2121 ED-E&HS 2(1,1) Beginning Golf: Performance and application of basic skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport. Fall, Spring.

PEL 2122 ED-E&HS 2(1,1) Intermediate Golf: PR: PEL 2121 or equivalent competency. A study of performance and application of intermediate skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport. Occasional.

PEL 2341 ED-E&HS 2(1,1) Beginning Tennis: Performance and application of basic skills, rules and etiquette. Physiological and social values accruing from this lifetime sport. Occasional.

PEL 2342 ED-E&HS 2(1,1) Intermediate Tennis: PR: PEL 2341 or equivalent competency. Performance and application of advanced skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport. Occasional.

PEL 2640 ED-E&HS 2(1,1) Basic Football and Basketball: The analysis of offensive and defensive alignment, techniques, and strategies. Occasional.

PEM 2010 ED-E&HS 2(1,1) Body Development: An in-depth study of individual physical (musculo-skeletal, neuromuscular, cardiorespiratory) fitness. Emphasis on individual diagnosis, principles, procedures, and conduct of related exercise programs. Fall, Even Spring.

PEM 2014 ED-E&HS 3(2,1) Personal Fitness: Study of personal fitness concepts, with opportunities to develop an individual, optimal level of fitness and an improved lifestyle through high-level wellness. Fall, Spring.
PEM 2121C ED-E&HS 3(1,3)
Yoga: Performance and application of a series of basic movement, 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, stretching, cool down, and heart rate. Fall, Spring.

PEM 2173 ED-E&HS 2(1,1)
Step Aerobics: Designed to provide students with self defense skills. Fall, Spring.

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, breath 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, throwing, grappling 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 3540C ED-E&HS 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.

PET 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.

PET 2031 ED-E&HS 3(2,1)
Individual Sports: Skill proficiency and knowledge to plan, implement and evaluate individual sports. Fall, Spring.

PET 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.

PEC 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.

PEC 3219 ED-E&HS 3(2,0)
Coaching Baseball and Softball: PR: Admission to Sport and Fitness Program/minors or C.I. Theory and methods of coaching baseball and softball, including the analysis of offensive and defensive techniques and strategies. Occasional.

PEC 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.

PEC 3514C ED-E&HS 3(2,1)
Coaching Soccer: PR: Admission to the Sport and Exercise Science program/minors or C.I. Theory and methods of coaching soccer, including the analysis of offensive and defensive techniques and strategies. Fall, Spring.

PEC 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.

PEC 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.

PEC 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 leisure, recreation, 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 practices. 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 3340C 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 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 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 2045G & 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) Assignment 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 for populations 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 3730C or ZOO 3730C. Junior standing. 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 for 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. Develop effective instructional skills through planning, teaching, and assessment. Curricular and instructional considerations for physical activity in children and adolescents. Fall, Spring.

PET 4763 Coaching Methods And Principles: PR: Admission to Sport and Exercise Science program or Physical Education 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 4901 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 abilities 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 S.U. Fall, Spring.

PET 4926 ED-E&HS 9(9,0) Sport and Exercise Science Practicum I: 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 S.U. 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 S.U. 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, 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(2,2) Beginning Photography PR: ART 2201C, ART 2203C 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 2103C, PGY 2205C or C.I. Advanced lighting techniques in both the studio and on location, with projects in the editorial, advertising, or fine art genres. Occasional. 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 2660, PGY 2215 or C.I. Analysis of visual problems with an emphasis on communicating and applying a theoretical language to photographic imagery. Occasional. M&S fee $60.00

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 cultural functions. The course includes a service learning component. Occasional.

PGY 3610C COS-COMM 3(1,4) Photomontage PR: PR: Journalism majors only. Digital photojournalism 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 3620C COS-COMM 3(1,2) Photomontage II: PR: PGY 3610C. The Picture Story. Individual and group projects for extended documentary coverage. Occasional.

PGY 3630 COS-COMM 3(3,0) Photomontage III: PR: PGY 3620C. Photography and Art: PR: PGY 3472C, 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
Topics in Philosophy of Mind:
PHI 4633 CAH-PHIL 3(3,0)
Honors Ethics and Biological Science: PR: BSC 1010C, PHI 2010, and consent of Honors. Contemporary thinking on ethical issues arising from the biological sciences, including human and animal experimentation, genetic engineering, biodiversity. Occasional.

PHI 4633H 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 specific topic 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. Examples: mental representation, consciousness, concepts, free will. May be repeated for credit.

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 metapsychological, epistemology, 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 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)
PLA 4263 HPA-LS 3(3.0) Evidence: 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.

PLA 4424 HPA-LS 3(3.0) The Law of Contracts: 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.

PLA 4436 HPA-LS 3(3.0) Florida Partnerships and Corporations: 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.

PLA 4464 HPA-LS 3(3.0) Bankruptcy Law: 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.

PLA 4472 HPA-LS 3(3.0) Employment Discrimination Law: 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.

PLA 4485 HPA-LS 3(3.0) Administrative Law: 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.


PLA 4530 HPA-LS 3(3.0) Legal Issues of the Elderly: 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.

PLA 4554 HPA-LS 3(3.0) Environmental Law: 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 pollution, endangered species, and climate change. Odd Fall, Odd Spring.

PLA 4583 HPA-LS 3(3.0) Cyber Law I: PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Analysis of copyright, trademark, and patent issues in cyberspace. Occasional.

PLA 4607 HPA-LS 3(3.0) Estates and Trusts: 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.

PLA 4609 HPA-LS 3(3.0) Estate Administration: PR: (PLA 4607 and Junior standing) or C.I. Study of the laws and procedures applicable to administration of estates. Occasional.

PLA 4703 HPA-LS 3(3.0) Professional Ethics and Liability: 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.

PLA 4734 HPA-LS 3(3.0) Advanced Legal Applications Computer Software: 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.

PLA 4764 HPA-LS 3(3.0) Law Office Practice: PR: or CR: PLA 3014, and PR: Junior standing, C.I. Organization, operation and management of law office. Interviewing techniques and practical application of work that is done in a law office. Occasional.

PLA 4806 HPA-LS 3(3.0) Domestic Relations Law: PR: or CR: PLA 3014, and PR: Junior standing, or C.I. In 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.

PLA 4813 HPA-LS 3(3.0) Juvenile Law and Procedure: 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.

PLA 4823 HPA-LS 3(3.0) Sports Law: 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.


PLA 4825 HPA-LS 3(3.0) Entertainment Law: PR: or CR: PLA 3014, and PR: Junior standing, or C.I. Introduction to the control and regulation of the entertainment industry and the associated legal issues. Occasional.

PLA 4830 HPA-LS 3(3.0) World Legal Systems: 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.

PLA 4864 HPA-LS 3(3.0) Admiralty and Maritime Law: 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.

PLA 4910 HPA-LS 3(3.0) Trial Advocacy: 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.

PLA 4935 HPA-LS 3(3.0) Legal Issues: PR: senior status, PLA 3155, Legal Studies major. The legal and socio-legal analysis of issues that require students to synthesize their level content. Permission of Honors. Same as POS 3182 with honors-content Occasional.

PLA 4957 HPA-LS 3(3.0) Current Issues in Cyberlaw: PR: Gradate standing or C.I. Advanced examination and discussion of free speech, copyright, trademark, patent and privacy issues in the online environment through interactive class discussions, online discussions, postings, case study reviews, and legal research projects. Occasional.

POR 1120C CAH-LANG 4(3.1) Elementary Portuguese Language and Civilization I: PR: POR 1120C or C.I. Continuation of POR 1120C. The course emphasizes the four major language skills: reading, writing, listening, and speaking. Spring.

POR 2200 CAH-LANG 3(3.0) Intermediate Portuguese I: PR: POR 1120C or C.I. Development of Portuguese language skills. Fall, Spring.

POR 2201 CAH-LANG 3(3.0) Intermediate Portuguese II: PR: POR 2200 or equivalent or C.I. Continuation of POR 2200 with emphasis on Portuguese cultures. Fall, Spring.

POR 3140 CAH-LANG 3(3.0) Accelerated Portuguese for Speakers of Romance Languages: PR: FRE 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.

POS 2041 COS-POLS 3(3.0) American National Government: A study of the dynamics of American national government, including its structure, organization, powers, and procedures. Fall, Spring.

POS 2041H COS-POLS 3(3.0) Honors American National Government: PR: Permission of Honors. Same as POS 2041 with honors-content Occasional.

POS 3076 COS-POLS 3(3.0) American Indian Politics: PR: POS 2041 or C.I. Politics and policies specific to indigenous peoples of the United States. Occasional.

POS 3122 COS-POLS 3(3.0) State Government and Public Policy: PR: POS 2041 or C.I. A comparative study of American state governments, political processes, and public policies, with emphasis on Florida. Occasional.


POS 3173 COS-POLS 3(3.0) Southern Politics: PR: POS 2041 or C.I. Study of southern political past and present. Emphasis on factors effecting changes in the region and the states. Southern and national relationship examined. Occasional.

POS 3182 COS-POLS 3(3.0) Florida Politics: PR: POS 2041 or C.I. Examines the foundations of Florida government and political behavior, political institutions, and public policy. Occasional.

POS 3182H COS-POLS 3(3.0) Honors Florida Politics: 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.

POS 3233 COS-POLS 3(3.0) Public Opinion: 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.

POS 3234 COS-POLS 3(3.0) Protest in American Politics: 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.

POS 3235 COS-POLS 3(3.0) Mass Media and Politics: 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>POS 325H</td>
<td>COS-POLS</td>
<td>Honors Mass Media and Politics; PR: POS 2041 or C.I.</td>
</tr>
<tr>
<td>POS 325</td>
<td>COS-POLS</td>
<td>Contemporary Revolution and Political Violence; PR: ENC 1102 or POS 2041 or C.I.</td>
</tr>
<tr>
<td>POS 3258</td>
<td>COS-POLS</td>
<td>Politics in Film; PR: ENC 1102 or POS 2041 or C.I.</td>
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<tr>
<td>POS 3272</td>
<td>COS-POLS</td>
<td>Civic Engagement; PR: Junior standing and either PAD 3003 or POS 2041 or C.I.</td>
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<tr>
<td>POS 3273</td>
<td>COS-POLS</td>
<td>Voting and Elections; PR: POS 2041 or C.I.</td>
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<tr>
<td>POS 3413</td>
<td>COS-POLS</td>
<td>The American Presidency; PR: ENC 1102 or POS 2041 or C.I.</td>
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<tr>
<td>POS 3424</td>
<td>COS-POLS</td>
<td>Congress and the Legislative Process; PR: POS 2041 or C.I.</td>
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<tr>
<td>POS 3443</td>
<td>COS-POLS</td>
<td>Political Parties and Processes; PR: POS 2041 or C.I.</td>
</tr>
<tr>
<td>POS 3463</td>
<td>COS-POLS</td>
<td>Interest Groups; PR: POS 2041 or C.I.</td>
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<tr>
<td>POS 3627</td>
<td>COS-POLS</td>
<td>Cultural Pluralism and Law; PR: POS 2041.</td>
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<tr>
<td>POS 3703</td>
<td>COS-POLS</td>
<td>Scope and Methods of Political Science; PR: POS 2041 or C.I.</td>
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<tr>
<td>POS 3703H</td>
<td>COS-POLS</td>
<td>Honors Scope and Methods; PR: POS 2041 and consent of Honors Scope and methodology.</td>
</tr>
<tr>
<td>POS 3733</td>
<td>COS-POLS</td>
<td>Designing Political Science Research; PR: POS 2041 or INR 2002 or C.I. Logic of Inquiry.</td>
</tr>
<tr>
<td>POS 3949</td>
<td>COS-POLS</td>
<td>Cooperative Education in Political Science; PR: Departmental permission required before enrollment.</td>
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<tr>
<td>POS 4030</td>
<td>COS-POLS</td>
<td>The Politics of Sports; PR: POS 2041 or C.I.</td>
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<tr>
<td>POS 4074</td>
<td>COS-POLS</td>
<td>Latino Politics; PR: POS 2041 or C.I.</td>
</tr>
<tr>
<td>POS 4142</td>
<td>COS-POLS</td>
<td>Metropolitan Politics; PR: POS 2041 or C.I. Analysis of political patterns, processes, and issues in American communities, institutional relations and structural and political arrangements in the existing and emerging metropolitan areas. Occasional.</td>
</tr>
<tr>
<td>POS 4204</td>
<td>COS-POLS</td>
<td>Political Behavior; PR: POS 2041 or C.I. Mass political behavior, concentrating on voting and participation, primarily in the United States. Occasional.</td>
</tr>
<tr>
<td>POS 4206</td>
<td>COS-POLS</td>
<td>Political Psychology; 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.</td>
</tr>
<tr>
<td>POS 4284</td>
<td>COS-POLS</td>
<td>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.</td>
</tr>
<tr>
<td>POS 4412</td>
<td>COS-POLS</td>
<td>Presidential Campaigning; PR: ENC 1102. Introduces the process of candidate selection, campaign behavior, and the transition of power. Occasional.</td>
</tr>
<tr>
<td>POS 4603</td>
<td>COS-POLS</td>
<td>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.</td>
</tr>
<tr>
<td>POS 4604</td>
<td>COS-POLS</td>
<td>American Constitutional Law II; PR: ENC 1102 or POS 2041 or C.I. Development of civil liberties and civil rights in the American federal system. Fall.</td>
</tr>
<tr>
<td>POS 4622</td>
<td>COS-POLS</td>
<td>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.</td>
</tr>
<tr>
<td>POS 4841</td>
<td>COS-POLS</td>
<td>Political Science Internship; PR: C.I Internship working with the national, state, county or municipal government. Assignments with selected civic organizations, elected or appointed officials. May be repeated for credit. Occasional.</td>
</tr>
<tr>
<td>POT 3302</td>
<td>COS-POLS</td>
<td>Modern Political Ideologies; PR: ENC 1102. A study of political ideologies since the French Revolution including liberalism, conservatism, capitalism, nationalism, fascism and anarchism. Occasional.</td>
</tr>
<tr>
<td>POT 4003</td>
<td>COS-POLS</td>
<td>Political Theory; PR: ENC 1102. Examination of various normative approaches to the study of political science, focusing contemporary developments in the field. Occasional.</td>
</tr>
<tr>
<td>POT 4025</td>
<td>COS-POLS</td>
<td>Ancient, Medieval and Early Modern Political Philosophy; PR: ENC 1102. Study of the development of political and social ideas in western thought from early Greece through the 17th century. Occasional.</td>
</tr>
<tr>
<td>POT 4054</td>
<td>COS-POLS</td>
<td>Modern Political Philosophy; PR: ENC 1102. Study of the development of political and social ideas from the 18th century to the present. May be taken independently of POT 4045 (Ancient, Medieval and Early Modern Political Philosophy). Occasional.</td>
</tr>
<tr>
<td>POT 4066</td>
<td>COS-POLS</td>
<td>Contemporary Political Theory; PR: ENC 1102. Study of the contemporary debate about the status of rights, utilitarianism, and communitarian Marxism, libertarian, and feminist critiques of liberalism. Occasional.</td>
</tr>
<tr>
<td>POT 4109</td>
<td>COS-POLS</td>
<td>Politics and Literature; PR: Junior standing or C.I. An examination of politics and the political process through the medium of literature. Occasional.</td>
</tr>
<tr>
<td>POT 4305</td>
<td>COS-POLS</td>
<td>The State, Society, and the Individual; 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.</td>
</tr>
<tr>
<td>POT 4314</td>
<td>COS-POLS</td>
<td>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.</td>
</tr>
<tr>
<td>POT 4331</td>
<td>COS-POLS</td>
<td>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.</td>
</tr>
<tr>
<td>POT 4345</td>
<td>COS-POLS</td>
<td>Pan-Africanist Thought; PR: INR 2002 or C.I. Philosophical assumptions, theoretical frameworks, ideological orientations and social/political thinkers that have contributed to the tradition of Pan-Africanist thought. Occasional.</td>
</tr>
<tr>
<td>POT 4414</td>
<td>COS-POLS</td>
<td>Marxist Political Theory; PR: ENC 1102. Survey of Marx &amp; Engels and other thinkers, exposing the theoretical undertones of nations and groups who have adapted marxist principles for governance. Occasional.</td>
</tr>
<tr>
<td>PPE 3003</td>
<td>COS-PSYCH</td>
<td>Personality Theory and Research; PR: PSY 2012. A survey of theory and research on the development of personality characteristics. Fall, Spring.</td>
</tr>
</tbody>
</table>
UCF Courses and Descriptions

PPE 3003H COS-PSYCH 3(3,0)

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)

PSB 3441 COS-PSYCH 3(3,0)

PSB 3842 COS-PSYCH 3(3,0)

PSB 4103C COS-PSYCH 3(2,2)

PSB 4240C COS-PSYCH 4(3,2)

PSY 5005 COS-PSYCH 3(3,0)
Physiological Psychology: PR: PSY 2002 and graduate status or senior standing or 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: PH: High school algebra or MAC 1105C. Fundamental laws 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)

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)

PSY 3028 COS-PSYCH 3(3,0)
Psychology of Career Development: PR: PSY 2012 or C.I. 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 204C 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 204C 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)
Research Methods in Psychology: PR: PSY 2012, PSY 3204C, and either STA 204C 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. Occasional.

PSY 3220 COS-PSYCH 3(3,0)

PSY 3302 COS-PSYCH 3(3,0)

PSY 3302C COS-PSYCH 3(2,2)

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 3630 COS-PSYCH 3(3,0)

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 prefix 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-PSYCH 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)

PSY 4215C COS-PSYCH 4(3,2)

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)
Environmental Sustainability: PR: ENC 1102 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 3314 COS-POLS 3(3,0)
Minorities in American Politics: PR: ENC 1102 or POS 2041 or C.P. 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.P. 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.P. Public policy, ecology, and the urban political landscape explored by tracing their development and prospects for sustainable cities. Occasional.
RTV 4206C COS-COMM 3(2,1) Television Directing: PR: RTV 3228C, RTV 3260C, and RTV Major - Production Specialization. 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 or 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) Broadcast Management: PR: RTV Majors only. Examination of broadcast management problems in station 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 2200 CAH-LANG 3(3,1) Intermediate Russian Language and Civilization II: PR: RUS 2200 or equivalent. Continuation of RUS 2200, with emphasis on Russian civilization. Occasional.

RUS 2201 CAH-LANG 3(3,1) Intermediate Russian Language and Civilization II: PR: RUS 2200 or equivalent. Continuation of RUS 2200, with emphasis on Russian civilization. Occasional.

RUS 2210 CAH-LANG 3(3,0) Intensive Russian Conversation: PR: One year of Russian or equivalent. Practical use of the language, leading to 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 diction and pronunciation. 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.I. Russian culture and civilization through a variety of topics and media. Occasional.

SCC 3003 HPA-CJ 3(3,0) Physical Security: PR: SCC 3111 or C.I. Concepts and procedures for the development, implementation, and management of a physical security program and its application to assets protection. Occasional.

SCC 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.

SCC 3316 HPA-CJ 3(3,0) Special Security Problems: PR: SCC 3311 or C.I. Review and application of basic security principles to retail security, transportation/cargo security, utility security, computer security, and other special security situations. Occasional.

SCE 3310 ED-TL&L 3(3,0) Teaching Science in Elementary School: PR: EDG 4410 or C.I. CR: EDE 3942. Selected concepts; organizing for instruction, techniques, 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 inquiry-based science/technology program for young children in an integrated, interactive curriculum. Fall.

SCE 3460 ED-TL&L 4(4,0) Science Instructional Analysis: PR: EDG 4410 or C.I.; CR: SCE 3460. Course objectives for a school curriculum and methods for the middle grades and high school. Fall, Spring. M&S fee $10.00

SCE 4361 ED-TL&L 3(3,0) Programs in Teaching Science: PR: Admission to Elementary 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 5095, 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-BSBS 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 2(2,0) 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-PSYCH 3(3,0) Social Behavior: PR: PSY 2012. Physiological, social, and clinical aspects of human sexuality. Fall.

SOP 3004C COS-PSYCH 3(3,2) Social Psychology: PR: PSY 2012. Effects of social situations and social variables on the behavior of individuals. Fall, Spring.

SOP 3723 COS-PSYCH 3(3,0) Cross Cultural Psychology: PR: PSY 2012. Exploration of theories, methods, and research concerned with the psychological impact of changing sex roles on women and possible ways to reduce prejudice. Even Spring.

SOP 3724 COS-PSYCH 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-PSYCH 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-PSYCH 3(3,0) Legal Aspects of Psychology: PR: PSY 2012 or SYG 2003, or C.I. Ethical and legal dilemmas and issues in the practice of psychology. Occasional.

SOP 3784 COS-PSYCH 3(3,0) Psychology of Diversity: PR: PSY 2012. A review of the contributions of psychology to the understanding of human diversity related to ethnic background, gender, sexuality, and belief systems. Occasional.
SOC 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 biopsychosocial, cultural, and systemic influences on human functioning. Open to non-majors and pending social work majors. Fall.

SOW 3111 HPA-SOWK 3(3,0) Assessing II: Human Systems: Pr: Admission to BSW Program and SOW 3104. Development of skills in assessing individuals, groups, organizations, and communities, their impact on human functioning, and their potential for providing social support. Spring.

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 BSW 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 interpersonal, group, leadership, written communication, and oral presentations, in consensus as well as conflictual contexts of social work. Spring.

SOW 3401 HPA-SOWK 3(3,0) Social Work Research: Pr: STA 2014C or STA 2023. Study of quantitative and qualitative methods of building knowledge for social work and the ethical use of research in professional practice. Spring.

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 for intervention 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 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, mental 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(3,0) 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(1,0) Part Time Field Education Seminar: Pr: Completion of all other required social work courses for the major and CR: SOW 4941 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 interventive skills for obtaining, providing, and coordinating social services in behalf of elderly persons and their families. Spring.

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 connecting children with 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 regarding 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 3260 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 5105 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 5106 HPA-SOWK 3(3,0) Human Behavior and Social Environment II: Social Systems: Pr: Study of the patterns and dynamics of social systems, 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, presents 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 policies; introduces 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 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) Generalist Field Education I: Pr: Admission to MSW program. Supervised practice of social work in an agency for 224 clock hours. Graded S/U. Fall, Even Spring.

SOW 5538 HPA-SOWK 3(3,0) Full-Time MSW Generalist Field Education and 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 5559 HPA-SOWK 3(3,0) Full-Time MSW Generalist Field Education and Seminar II: Pr: SOW 5538; CR: SOW 5306. Field education for full-time Master of Social Work generalist students; includes seminar and supervised practice of social work in an agency for 200 clock hours. Graded S/U. Spring.

SOW 5565 HPA-SOWK 2(2,0) Part-Time MSW Generalist Field Education and Seminar I: Pr: SOW 5305; CR SOW 5306. Field education for part-time Master of Social Work generalist students; includes seminar and supervised practice of social work in an agency for 150 clock hours. Graded S/U. Fall
individuals with communication disorders. Familial challenges as well as society’s perceptions of communication disorders in literature and media, Perspective:

Brain Stories: A Communication Disorders Perspective

Speech Science II: Perception:


SPA 4241 HPA-COM SC&DIS 3(3,0)

SPA 4231 HPA-COM SC&DIS 3(3,0)

SPA 4236 HPA-COM SC&DIS 3(3,0)
Hearing Disorders Across the Life Span: PR: SPA 3123, 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.

SPA 4400 HPA-COM SC&DIS 3(3,0)
Language Disorders Across the Life Span: PR: LIN 3717 and Junior Standing, or C.I. Ethology, evaluation, and management of language disorders in children, adolescents, and adults, including those associated with autism, traumatic brain injury, learning disabilities, and dementia. Fall, Spring.

SPA 4476 HPA-COM SC&DIS 3(3,0)
Speech Disorders Across the Lifespan: PR: SPA 3101, and SPA 3123 and Junior Standing, or C.I. Multicultural aspects of communication disorders and differences. Special emphasis on African, Hispanic, Asian, and Native American. Fall, Spring.

SPA 4555 HPA-COM SC&DIS 3(3,0)
Counseling in Communication Disorders: PR: SPA 3471 or C.I. Practical Interviewing and counseling in the area of communication disorders. Fall, Spring.

SPA 4580 HPA-COM SC&DIS 3(3,0)
Augmentative and Alternative Communication Systems: PR: LIN 3717 or C.I. The total integrated network of techniques, aids, strategies, and skills individuals use to supplement or replace inadequate natural speaking ability. Fall, Spring.

SPA 4634 HPA-COM SC&DIS 3(3,0)
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.

SPA 4803 HPA-COM SC&DIS 3(3,0)
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.

SPA 4875C HPA-COM SC&DIS 3(3,0)
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.

SPA 4948 HPA-COM SC&DIS 3(3,0)
Community Internship: CR: SPA 4326 and senior status. Supervision of interaction and planned activities with individuals experiencing problems with hearing, balance, or the disorders of hearing in community settings including clinics, hospitals, etc. Course may be repeated for credit up to two times. Fall, Spring.

SPA 5473 HPA-COM SC&DIS 3(3,0)
Multicultural Aspects of Communication Disorders and Differences: PR: Graduate standing. Introduction to cultural and linguistic diversity among individuals with communication disorders and differences. Special emphasis on African, Hispanic, Asian, and Native American cultures. Occasional.

SPA 5554 HPA-COM SC&DIS 3(3,0)
Counseling in Communicative Disorders: PR: Senior Status or C.I. Interviewing and counseling for individuals with communication disorders and their families. Spring.

SPB 3003 BA-BA 3(3,0)
Introduction to Sport Business Management: PR: Sophomore Standing. The sport industry and the principles and applications of sport business management in professional, collegiate, and Olympic sport. Occasional.

SPB 3903 BA-BA 3(3,0)
Career in Sport Business: PR: SPB 3003 with a “C” (2.0) or better. The ethics and moral issues in sport and their business implications focusing on the responsibilities of decision-makers in professional, collegiate, and Olympic sport. Occasional.

SPB 3903 BA-BA 3(3,0)
Diversity and Social Issues in Sport Business Management: PR: SPB 3003 with a “C” (2.0) or better, and either FIN 2100 and MAR 3203 each with a “C” (2.0) or better or admission to a business major. Diversity, social issues, social responsiveness, and financial performance in professional, collegiate, and Olympic sport. Occasional.

SPB 3823 BA-BA 3(3,0)
The Role of Business Entrepreneurship in Sports/Entertainment: PR: SPB 3003 with a “C” (2.0) or better. Special emphasis on African, Hispanic, Asian, and Native American. Fall, Spring.

SPB 4104 BA-BA 3(3,0)
Intercollegiate Sport Industry: PR: SPB 3003 with a “C” (2.0) or better. The structure, evolution and governance of intercollegiate sport management and a framework for sound business decision making. Occasional.

SPB 4204 BA-BA 3(3,0)
Professional Sport Industry: PR: SPB 3003 with a “C” (2.0) or better. The structure, evolution and governance of professional sport management and a framework for sound business decision making. Occasional.

SPB 4304 BA-BA 3(3,0)
Sports Event and Facility Management: PR: SPB 3003 with a “C” (2.0) or better, and either FIN 2100 and MAR 3203 each with a “C” (2.0) or better or admission to a business major. The principles of facility and event management in sport business and their applications in professional, collegiate, and Olympic sport. Occasional.

SPB 4404 BA-BA 3(3,0)
Sport Business Law: PR: SPB 3003 with a “C” (2.0) or better. The legal framework for sport business management and its applications in professional, collegiate, and Olympic sport. Occasional.

SPB 4704 BA-BA 3(3,0)
Sport Business Strategy: PR: SPB 3003 with a “C” (2.0) or better. The skills and knowledge applicable to the process of building and sustaining excellent sport organizations. Occasional.
SPB 4804 BA-BA 3(3,0) Sport Business and Media: PR: SPB 3003 with a "C" (2.0) or better, and either FIN 2100 and MARK 3023 each with a "C" (2.0) or better or admission to a business major. The structure and evolution of the interrelationship between sport and media and their business implications. Occasional.

SPC 1603C COS-COMM 3(1.5,1.5) Fundamentals of Technical Presentations: PR: Permission of Honors. Communication theory and its application to preparing and delivering technical information in public speaking situations. Fall, Spring.


SPC 1608 COS-COMM 3(3,0) Fundamentals of Oral Communication: PR: Priority will be given to students whose major requires this course. Communication theory and its application to preparing and delivering public speeches. Fall, Spring.


SPC 2942 COS-COMM 1-3(1-3,0) Debating Practicum: Training and participation in intercollegiate debate. Graded S/U. May be used in the degree program a maximum of 3 times. Occasional.

SPC 3301 COS-COMM 3(3,0) Interpersonal Communication: PR: or CR: COM 3311, or C.I. Nature of the communication process; variables affecting the communication process; communication in group situations. Principles of effective leadership, and leadership in problem solving. Fall, Spring.

SPC 3425C COS-COMM 3(2,1) Group Interaction and Decision-Making: PR: or CR: COM 3311, or C.I. A study of small group processes. Attention is given to problem solving, leadership emergence, conformity behavior, and group member role responsibilities. Occasional.

SPC 3445 COS-COMM 3(3,0) Leadership Through Oral Communication: PR: or CR: COM 3311, or C.I. Investigation of leadership as it relates to oral communication situations, principles of effective leadership, and leadership in problem solving. Fall, Spring.

SPC 3513C COS-COMM 3(1,2) Argumentation and Debate: PR: One of the following: SPC 1608, SPC 1603C, COM 1000, or C.I. Study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization. Occasional.

SPC 3513H COS-COMM 3(3,0) Honors Argumentation and Debate: PR: Consent of Honors and one of the following: SPC 1608, SPC 1603C, COM 1000, or C.I. Advanced study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization. Occasional.

SPC 4331 COS-COMM 3(3,0) Nonverbal Communication: PR: or CR: COM 3311, or C.I. Review of current behavioral research in such areas as proxemics, kinesics, physical characteristics, tacile communication, and paralanguage. Lectures are supplemented by frequent nonverbal exercises. Fall, Spring.

SPC 4426 COS-COMM 3(3,0) Group Dynamics: PR: or CR: COM 3311, or C.I. Human behavior in group situations. Fall, Spring.

SPC 4540 COS-COMM 3(3,0) Persuasion and Communication: PR: or CR: COM 3311, or C.I. A survey of the immediate and direct ways in which persuasive communication and social groups come to influence attitudes. Fall, Spring.

SPM 3130 ED-EHS 3(3,0) Aquatic Management: PR: Admission to B.S. in Sports and Fitness program or C.I. Requires knowledge for developing and operating aquatics programs safely and effectively. Fall, Spring.

SPM 3204 ED-EHS 3(3,0) Sports and Ethics: PR: Admission to Sport and Exercise Science program or Coaching Minor and minimum overall 2.5 GPA. An exploration into ethics and its influence on sports. Fall, Spring.

SPM 3415 ED-EHS 3(3,0) Public Relations in Sport and Exercise Science: PR: PET 3005. Examining the role of public relations and media with specific focus to sport and exercise science professionals. Fall, Spring.

SPM 3504 ED-EHS 3(3,0) Fiscal and Facilities: Issues in Sport and Exercise Science: PR: PET 3005. Design, maintenance, and operation of sport and exercise science facilities with a specific focus on fiscal management. Fall, Spring.

SPM 4723 ED-EHS 3(3,0) Legal Issues in Sport and Exercise Science: PR: Admission to Sport and Exercise Science program and minimum overall 2.5 GPA. Examination of the legal issues and problems encountered by sport and exercise science professionals. Fall, Spring.

SPM 5155 ED-EHS 3(3,0) Introduction to Sports Administration: PR: C.I. This course will provide an overview of the sports industry. Fundamental leadership administration and research theories as well as information on current issues are emphasized. Occasional.

SPM 5308 ED-EHS 3(3,0) Marketing and Promoting Sports and Fitness Programs: PR: C.I. Introduces students to all aspects of sports marketing including planning, organizing, marketing, evaluating, and conducting special and sport events. Occasional.

SPM 5506 ED-CFC 3(3,0) Financial Issues in Sports and Fitness: PR: C.I. Examines basic financial concepts including understanding annual reports, developing budgets, financial analysis, and examining or developing methods for increasing revenue and controlling cost in the sport industry. Occasional.

SPN 1120C CAH-LANG 4(4,1) Honors Elementary Spanish Language and Civilization I: PR: Permission of Honors. Introduces the student to Spanish culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. Honors-level content. Occasional.

SPN 1120C CAH-LANG 4(3,1) Elementary Spanish Language and Civilization I: Introduces the student to Spanish culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. Fall, Spring.

SPN 1121C CAH-LANG 4(3,1) Elementary Spanish Language and Civilization II: PR: SPN 1120C or equivalent. Continuation of SPN 1120C. Fall, Spring.

SPN 1121C CAH-LANG 4(4,1) Honors Elementary Spanish Language and Civilization II: PR: Permission of Honors and SPN 1120C or equivalent. Same as SPN 1121C with honors-level content. Occasional.

SPN 11500 CAH-LANG 8(4,4) Intensive Beginning Spanish: Combining SPN 1120B and SPN 1121C in an intensive one-semester unit. Emphasis on speaking, listening, reading, and writing Spanish. For students with little or no background in the language. Occasional.
SPN 3402 CAH-LANG (3,0)
Practice in Modern Spanish Grammar: PR: SPN 2241 or 3420. This intermediate Spanish course will provide the advanced student with practice and drill in modern Spanish using native texts. Occasional.

Spanish Composition: PR: SPN 2201 or equivalent. Development of skills in composition. Fall, Spring.

Contemporary Spanish Culture Abroad: PR: SPN 3420. This course will focus on current contemporary Spanish culture presented through classroom lectures and discussions, assigned reading and scheduled activities. Occasional.

SPN 3760 CAH-LANG (3,0)
Advanced Spanish Oral Communication: PR: SPN 3420 or equivalent. Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues. Fall, Spring.

SPN 3850 CAH-LANG (3,0)


SPN 3933 CAH-LANG (1,0)
Spanish Across the Curriculum: PR: SPN 2201 or C.I. CR: concurrent enrollment in a designated course. Improvement of skills in Spanish within the student's major or minor. Open to students in all colleges. May be repeated for credit. Fall, Spring.


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.

Advanced Spanish Composition: PR: SPN 3300, 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.

Spanish Civilization and Culture: PR: SPN 3760, SPN 3420 and SPN 3300 or C.I. A study of Spanish civilization and culture from Pre-Columbian period to the present. Conducted in Spanish. Occasional.

Latin American Civilization and Culture: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. An overview of the currents in Latin American culture and civilization from the Pre-Columbian period to the present. Conducted in Spanish. Occasional.

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.

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.

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 criterion when analyzing texts. Taught in Spanish. Occasional.

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.

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.

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.

Introduction to Spanish Linguistics: PR: Graduate status or senior standing 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 historical development. Occasional.

History of the Spanish Language: PR: Graduate status or senior standing or C.I. An overview of linguistic characteristics of Latin and its evolution into Spanish with historical development of phonetic, morphological, and syntactic properties. Occasional.

Spanish Dialectology: PR: Graduate status or senior standing 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 historical development. Occasional.

Survey of Latin-American Literature I: PR: SPN 3760, SPN 3420 and SPN 3300, or C.I. Main literary currents and works of the Nineteenth century to the present. Spring.

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 from Realism to the present. Spring.

Survey of Latin-American Narrative/Essay: PR: SPW 3100 or SPW 3370 or SPW 3800 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.

Spanish Legal Translation and Interpretation: PR: SPW 3800 or SPW 3240 and SPW 2241. The 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.


Honors Nobel Prize Literature: Spain and Latin America: PR: Permission of Honors and Junior standing or C.I. Students will analyze, discuss and research English translations of Spanish and Latin American Nobel Prize-Winning writers. Through readings, students will explore the universality of Spanish literature. Occasional.

Advanced Spanish Conversation: 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.


Survey of Latin-American Theatre: PR: C.I. Introduction to fundamental actor's craft and practice in Spanish. Short scenes will be performed in class. Occasional.


20th Century Spanish Novel: PR: SPW 3101 or SPW 3131 or C.I. A major work 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.

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 of theatre and its influence abroad are examined. Occasional.

Contemporary Iberian Theatre: PR: SPW 3101 or C.I. A study of the major playwrights and tendencies in contemporary Iberian theatre. Occasional.

Latin-American Narrative/Essay: PR: SPW 3100 or SPW 3131 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.
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SPW 4381 CAH-LANG 3(3,0)
Latin-American Theatre/Poetry: PR: SPW 3100 or SPW 3101 or SPW 3130 or SPW 3131 or SPW 3370. Study of Latin-American theatre/poetry (changing topics by semester) with emphasis on 20th century texts, contrasting techniques, procedures, and literary theories. May be repeated for credit only when course content is different. Occasional.

SPW 4382 CAH-LANG 3(3,0)
Central American Literature: PR: SPW 3131 or C.I. This course familiarizes the student with literary works of prominent writers from Central America. It covers the different literary periods within Central America literary history. Taught in Spanish. Occasional.

SPW 4450 CAH-LANG 3(3,0)
Spanish Literary Theory: PR: SPW 3100 and SPW 3101, or SPW 3130 and SPW 3131, or C.I. A study of textual criticism with emphasis in the theory of genre. Occasional.

SPW 4460 CAH-LANG 3(3,0)
Nineteenth Century Spanish Literature: PR: SPW 3101 or C.I. A study of the representative authors and works in Spanish Romanticism, Realism, and Naturalism. Occasional.

SPW 4604 CAH-LANG 3(3,0)
Cervantés: PR: SPW 3100 or C.I. Don Quixote. Occasional.

SPW 4720 CAH-LANG 3(3,0)
The Generation of 1898: PR: SPW 3101 or C.I. A study of the generation’s main authors and their works. Occasional.

SPW 4730 CAH-LANG 3(3,0)
Hispanic Literature of the United States: PR: SPW 3101 or SPW 3131 or C.I. Reading and study of outstanding works written by Hispanic writers of the United States. Occasional.

SPW 4770 CAH-LANG 3(3,0)
Caribbean Spanish Literature: PR: SPW 3101 or SPW 3131 or C.I. An overview of the literature of the Spanish-speaking Caribbean countries from colonial times to the present. Occasional.

SPW 4772 CAH-LANG 3(3,0)
Black Presence in Contemporary Latin American Literature: PR: SPW 3101 or SPW 3131 or C.I. Analysis and discussion of representative contemporary works of authors who have included the black character as part of their narrative. Occasional.

SPW 4773 CAH-LANG 3(3,0)
Puerto Rican Literature: PR: SPW 3100 and SPW 3101 or SPW 3130 and SPW 3131, Puerto Rican Literature from XIX Century to present. Conducted in Spanish. Occasional.

SPW 5741 CAH-LANG 3(3,0)
Contemporary Spanish American Southern Cone Literature: PR: Enrolled in Spanish M.A. Program or C.I. Regional as well as international literary cultures and disciplines in southern cone literature. Occasional.

SPW 5795 CAH-LANG 3(3,0)
Jewish Culture in Latin America: PR: Spanish M.A. program or graduate student proficient in Spanish. History of the arrival of Jews in Latin America and studies of Latin American Jewish authors and literature. Will be taught in Spanish, including all readings. Occasional.

SSE 3312 ED-TL&L 3(3,0)
Teaching Social Science in the Elementary School: PR: EDG 4410 or C.I. Selected themes, problems, and concepts; organizing for instruction; techniques; evaluation procedures. Fall, Spring.

SSE 4361 ED-TL&L 3(3,0)
Social Science Instructional Analysis: PR: EDG 4410 and SSE 4350, or SSE 3961. Analysis of secondary (grades 6-12) social science instructional programs including development of objectives, materials, processes, and assessment procedures in light of current research and practice. Fall, Spring.

SSE 4936 ED-TL&L 3(3,0)
Programs in Teaching Social Science: PR: Admission to the Bachelor of Science in Social Science Education program. Special programs, strategies, and materials for middle and secondary social science majors. Fall.

SSE 5391 ED-TL&L 3(3,0)
Global Education: Theory and Practice: PR: Graduate standing or C.I. Examines the theoretical underpinnings of teaching around the world along with a variety of theoretically grounded teaching strategies for engaging students in global education. Spring.

SSE 5776 ED-TL&L 3(3,0)
Democracy and Education: PR: Graduate standing or C.I. Explores the intersection of theory and practice with regard to promoting democratic life in schools. Will examine competing theories of democracy and education, investigate problem areas in schools related to democracy, and consider examples of practice. Fall.

SSE 5790 ED-TL&L 3(3,0)
Inquiry and Instructional Analysis in Social Science Education: PR: EDG 6415 or admission to Teacher Leadership Med program or Initial Teacher Professional Preparation certificate. Study of instructional programs in social science education and related scholarship; development of an inquiry about the intersection of theory and practice in social science teaching and learning. Fall, Occasional.

STA 1063C COS-STAT 3(2,1)
Basic Statistics Using Microsoft Excel: Applications of Excel: manipulating data; single variable graphs and statistics; scatterplots; probability distributions; statistical inference. Fall, Spring.

STA 2023 COS-STAT 3(3,0)
Introduction to Statistical Techniques, procedures, and literary theories. May be taken with emphasis in 20th century texts, contrasting techniques, procedures, and literary theories. May be repeated for credit only when course content is different. Occasional.

STA 2023H COS-STAT 3(3,0)
Honors Statistical Methods I: PR: Permission of Honors. Calculus desired by not necessary. Same as STA 2023 with honors-level content. Fall, Spring.

STA 3032 ECS-IEMS 3(3,0)
Probability and Statistics for Engineers: PR: MAC 2312 with a grade of "C" (2.0) or better. Axioms of probability; combinatorial and geometrical probability; probability distributions; measures of location and dispersion; sampling and sampling distributions; estimation and tests of hypotheses; engineering applications. Fall, Spring.

STA 3032H ECS-IEMS 3(3,0)
Honors Probability and Statistics for Engineers: PR: MAC 2312 with a grade of "C" (2.0) or better and honors standing. Fundamental probability and statistics principles, the underlying assumptions, the procedures for implementing and interpreting them. With honors content. Fall, Spring.

STA 3096 COS-STAT 3(3,0)
Statistical Graphs II: PR: STA 2023 or STA 2062 and a knowledge of a programming language. Principles of graph construction, graphical perception, graphical methods, computer programs for graph construction. Occasional.

STA 4102 COS-STAT 3(3,0)
Computer Processing of Statistical Data: PR: STA 4103 and knowledge of a programming language. Use of packages such as $\text{SAS}$, $\text{BMD}$, $\text{SPSS}$ for data analysis; description and analysis of data, regression, analysis of variance and covariance. Fall.

STA 4130 COS-STAT 3(3,0)

STA 4163 COS-STAT 3(3,0)
Statistical Methods II: PR: STA 2023 or STA 3032. Not open to students with credit in STA 4165. Methods of statistical analysis, problems in model building, tests of hypotheses, regression and correlation, an introduction to analysis of variance, chi-square, and nonparametric methods. Fall, Spring.

STA 4164 COS-STAT 3(3,0)
Statistical Methods III: PR: STA 4163. A continuation of STA 4163, including further study of regression, analysis of variance and covariances and multiple comparisons. Fall, Spring.

STA 4173 COS-STAT 3(3,0)
Biostatistical Methods: CR: STA 4163 or C.I. Applied statistical methods and principles applied to problems in medical, biological, and health sciences. Occasional.

STA 4183 COS-STAT 3(3,0)
Theory of Interest: PR: MAC 2312 (or equivalent) and STA 2023. Measurement of simple and compound interests, accumulated and present values factors. Annuities certain, yield rates, amortization schedules and sinking funds. Bonds, securities and related funds. Fall.

STA 4184 COS-STAT 3(3,0)

STA 4186 COS-STAT 3(3,0)

STA 4222 COS-STAT 3(3,0)

STA 4321 COS-STAT 3(3,0)
Statistical Theory I: PR: STA 2023 or STA 3032; CR: STA 3032. Probability and continuous sample spaces, conditional probability, independence, one-dimensional random variables, moment generating functions, transformations, jointly distributed random variables. Fall.

STA 4322 COS-STAT 3(3,0)

STA 4502 COS-STAT 3(3,0)
Nonparametric Statistical Methods: PR: STA 2023 or STA 3032. Distribution-free tests on location and dispersion, goodness of fit tests, tests of independence, measures of association, nonparametric analysis of variance. Occasional.

STA 4504 COS-STAT 3(3,0)

STA 4641 COS-STAT 3(3,0)
UCF Courses and Descriptions

STA 4664  COS-STAT  3(3,0)

STA 4672  COS-STAT  3(3,0)

STA 4674  COS-STAT  3(3,0)

STA 4852  COS-STAT  3(3,0)

STA 5045  COS-COMM  3(3,0)
Statistical Analysis of Communication Data: PR: STA 2023 or C.I. Descriptive statistics; correlation; bivariate, multiple and logistic regression; reliability and validity; effect size, power, confidence intervals; one and two sample tests; ANOVA; categorical data analysis. Fall, Spring.

STA 5104  COS-STAT  3(3,0)
Advanced Computer Processing of Statistical Data: PR: STA 4163 and knowledge of a programming language, graduate status or senior standing, or C.I. Use of SAS and other statistical software packages; data manipulation; graphical data presentation; data analysis; creating analytical reports. Fall.

STA 5139  COS-STAT  3(3,0)

STA 5175  COS-STAT  3(3,0)
Biometry: PR: STA 2023; graduate status or senior standing, or C.I. Design and analysis of experiments with emphasis on biological/ecological application; one-way and multi-way ANOVA; regression; ordination; classification. Spring.

STA 5176  COS-STAT  3(3,0)
Introduction to Biostatistics: PR: STA 4163 or STA 4173. Graduate status or senior standing, or C.I. Use of SAS for biostatistical analyses. Handling of categorical data, survival analysis, Kaplan-Meier estimates, proportional hazards model. Occasional.

STA 5205  COS-STAT  3(3,0)
Experimental Design: PR: STA 4164, STA 5208 or ESI 5219, and graduate status or senior standing, or C.I. Construction and analysis of designs for experimental investigations. Blocking, randomization, replication. Incomplete block designs; factorial and fractional designs; design resolution. Spring.

STA 5206  COS-STAT  3(3,0)
Statistical Analysis: PR: STA 2023; not open to students who have completed STA 4164. Graduate status or senior standing or C.I. Data analysis; statistical models; estimation vs. tests vs hypotheses; analysis of variance, covariance, and multiple comparisons; regression and nonparametric methods. Fall.

STA 5505  COS-STAT  3(3,0)
Categorical Data Methods: PR: STA 4163 or STA 5208, and graduate status or senior standing or C.I. Considers discrete probability distributions, contingency tables, measures of association, and advanced methods, including loglinear modeling, logistic regression, McNemar's Test, Mantel-Haenszel test. Occasional.

STA 5646  COS-STAT  3(3,0)

STA 5703  COS-STAT  3(3,0)
Data Mining Methodology I: PR: STA 5104 and STA 5206, graduate status or senior standing, or C.I. Data mining to uncover valuable information through SEMMA (Sample, Explore, Model, Modify, and Access). Process with neural network and decision tree. Fall.

STA 5825  COS-STAT  3(3,0)

SYA 3110  COS-SOC  3(3,0)
Social Theory: PR: SYG 2000 or C.I. Theories concerning the nature of mankind as a "social being." The nature of society from the beginnings of the scientific study of human life to World War II. Spring.

SYA 3400C  COS-SOC  4(3,1)
Applied Social Statistics: PR: SYG 2000 or C.I. Application of statistical techniques to sociological data as conducted in the research and writing of social scientists. Focus is on the analysis and interpretation of data used by sociologists. Fall.

SYA 4300C  COS-SOC  4(3,2)
Research Methods: PR: SYG 2000 or C.I. Sociological data collections, sampling techniques, proposal development, critical evaluation of social research, and relationship between theory and social research. Fall.

SYA 4310C  COS-SOC  4(3,1)
Qualitative Research Analysis in Sociology: PR: SYG 4300C. Advanced research design and analysis focusing on qualitative research methodology in sociology. Emphasizes data collection, management, analysis, interpretation, integration, presentation, and report writing. Occasional.

SYA 4450  COS-SOC  4(3,2)
Data Analysis: PR: SYA 4300C and SYA 3400C. Advanced social research design and analytical skills. Emphasis on social data management, various modes of social data analysis, interpretation, integration, presentation, and report writing. Spring.

SYA 4650C  COS-SOC  3(2,2)

SYA 5625  COS-SOC  3(3,0)
ProSeminar: PR: Graduate standing or C.I. Survey of conceptual issues, methodological concerns, and findings in substantive sociological areas that currently dominate scholarly inquiry, including such topics as crime, deviance, community, alcoholism, education. Fall.

SYD 3410  COS-SOC  3(3,0)

SYD 3700  COS-SOC  3(3,0)

SYD 3800  COS-SOC  3(3,0)

SYD 4020  COS-SOC  3(3,0)

SYD 4510  COS-SOC  3(3,0)

SYD 4514  COS-SOC  3(3,0)

SYD 4810  COS-SOC  3(3,0)
Women in Contemporary Society: PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Examination and evaluation of the status of women in the context of the major social institutions (e.g., family, education, religion, economy and polity). Fall, Spring.

SYD 4813  COS-SOC  3(3,0)

SYD 5517  COS-SOC  3(3,0)
Environment and Society: PR: Graduate standing or C.I. The application of sociological theory and methods to the relationships between communities, societies, and the environment Occasional.

SYD 5795  COS-SOC  3(3,0)
Class, Race, and Gender in American Society: PR: Graduate standing or C.I. Using theoretical and empirical studies, this course provides a sociological examination of the interactions of race, class, and gender in American society. Occasional.

SYG 2000  COS-SOC  3(3,0)
Introduction to Sociology: Scientific study of sociological concepts, theory, processes, and methods used in understanding contemporary human behavior in group interaction. Fall, Spring.

SYG 2000H  COS-SOC  3(3,0)
Honors Introduction to Sociology: PR: Permission of Honors. Extensive honors work in the field of Sociology. Expectations, requirements, and standards are greater than for standard General Sociology. Fall, Spring.

SYG 2010  COS-SOC  3(3,0)
Social Problems: Analysis of major social problems such as mental disorders, sexual deviance, racism, discrimination, poverty, community disorganization, and violence. Fall, Spring.

SYG 3000  COS-SOC  3(3,0)

SYG 3360  COS-SOC  3(3,0)

SYG 3408  COS-SOC  3(3,0)
Animals and Health: PR: One of SYG 2000, ANT 2000, or PSY 2012, or Junior standing. Explores the ways in which non-human animals both enhance and diminish humans' health. Occasional.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>SYO 3410H</td>
<td>Honors Patterns of Mental Health in Society</td>
<td>PR: Consent of Honors or C.I. A sociological examination of mental illness as a social process: legal aspects of mental disorder; legal aspects of mental illness, and the mental health professions. With Honors content. Occasional.</td>
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<tr>
<td>SYO 4100</td>
<td>Family Trends</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Study of the relationship between the religious institution and social stratification, family, education, as well as issues pertaining to gender, race, ethnicity, and age. Occasional.</td>
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<tr>
<td>SYO 4250</td>
<td>Education and Social Achievement</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. The 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.</td>
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<tr>
<td>SYO 4300</td>
<td>Political Sociology</td>
<td>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.</td>
</tr>
<tr>
<td>SYO 4323</td>
<td>Community and Diversity</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. The 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.</td>
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<tr>
<td>SYO 4400H</td>
<td>Honors Medical Sociology</td>
<td>PR: Consent of Honors or C.I. Analysis of patient behavior, health practitioners, the social organization of hospitals and health services, contemporary problems in the delivery of health care. Occasional.</td>
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<tr>
<td>SYO 4401</td>
<td>Sociology of Health and Illness Behavior</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012 or C.I. Examination of the ways social characteristics structure or shape health patterns in the U.S. population. Occasional.</td>
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<tr>
<td>SYO 4402</td>
<td>Sociology of Health and Illness Behavior</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012 or C.I. Examination of the ways social characteristics structure or shape health patterns in the U.S. population. Occasional.</td>
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<tr>
<td>SYP 3520</td>
<td>Criminology</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Criminology is the study of the types of, and societal reactions to, delinquency and crime. Occasional.</td>
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<tr>
<td>SYP 3530</td>
<td>Juvenile Delinquency</td>
<td>PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Juvenile delinquency is defined as behavior found among juveniles that is considered delinquent by society. Occasional.</td>
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</tbody>
</table>
SYP 5615 COS-SOC 3(3,0) Sociology of Culture: PR: Graduate standing or C.I. Modern historical approaches and empirical studies in the sociology of culture and analysis of cultural processes. Occasional.

SYP 5738 COS-SOC 3(3,0) Seminar on the Welfare State and Aging: PR: Graduate standing or C.I. A sociological examination of old policies from a cross-cultural perspective. Occasional.

TAX 4001 BA-ACCT 3(3,0) Taxation of Business Entities and Transactions: PR: Junior standing, ACG 3311 with a grade of "C" (2.0) or better. Federal income tax laws affecting the taxation of business entities and transactions. Fall, Spring.

TAX 5015 BA-ACCT 3(3,0) Advanced Tax Topics: PR: Graduate standing. TAX 4001 with a "C" (2.0) or better. Advanced tax issues affecting business entities and their owners, with a primary focus on corporations and partnerships. Occasional.


THE 2020 CAH-THEA 3(3,0) Survey of Theatre for Majors: PR: Theatre major or minor. Overview of the art and craft of theatre. Fall.

THE 2050 CAH-THEA 3(3,0) Theatre Studies in 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 2081C 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 3(1,VAR) Theatre Practicum-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(3,0) Script Analysis for Theatre: PR: Theatre major. Exploration of dramatic form with focus on playscripts for productions. Fall, Spring.

THE 2925L CAH-THEA 3(1,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 3082 CAH-THEA 3(3,0) 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(3,0) That's Entertainment!: Theatre Experience in Theme Parks, Vegas, and Broadway: PR: THE 2000 or ENC 1102 or FIL 1000. The art and craft of theatrical live entertainment. Occasional.

THE 3240 CAH-THEA 3(3,0) Musical Theatre Survey: PR: Grade of "C" (2.0) or better required in THE 2081C or THE 2000. Origins and evolution of Musical Theatre from the Ancient Greeks through the present day. Occasional.

THE 3250 CAH-THEA 3(3,0) 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(3,0) What is a Drag? The Art 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(3,0) Shakespeare Skills: PR: Grade of "C" (2.0) or better in THE 2081C. 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(3,0) 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(3,0) 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(3,0) Cultural Diversity in Theatre: 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 4244 CAH-THEA 3(3,0) Musical Theatre History I: PR: B.F.A. Musical Theatre major, "C" (2.0) or better required in THE 2081C. Origins and evolution of Musical Theatre from the Ancient Greeks through the 1950s. Fall.

THE 4245 CAH-THEA 3(3,0) Musical Theatre History II: PR: B.F.A. Musical Theatre major, "C" (2.0) or better required in THE 4244. Origins and evolution of Musical Theatre from the 1950s through the present. Spring.

THE 4284 CAH-THEA 3(3,0) Period Costume, Architecture, and Decor I: PR: "C" (2.0) or better in TPA 2000C and THE 3311. Costumes, furniture and decor from antiquity to the Renaissance. Fall.

THE 4285 CAH-THEA 3(3,0) Period Costume, Architecture, and Decor II: PR: "C" (2.0) or better in TPA 2000C, THE 3312, and THE 4284. Costumes, furniture and decor from the English Renaissance to the present. Occasional.

THE 4423 CAH-THEA 3(3,0) 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(3,0) 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 4954 CAH-THEA 3(0,0) Theatre Exit Critique: PR: Theatre Major; Senior Standing. Completion of departmental exit critique. Graded S/U. Fall, Spring.

THE 5205 CAH-THEA 3(3,0) American Theatre: PR: THE 5910, and MA or MFA Theatre Graduate. Examination of performances and historical perspectives of American drama. Spring.

THE 5215 CAH-THEA 3(3,0) 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(3,0) Cultural Diversity in Theatre: 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(3,0) Musical Theatre in 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, lyricists, and lyricists as well as representative masterworks of a variety of genre. Emphasis will be placed upon historical trends and theatrical viability. Fall.

THE 5288 CAH-THEA 3(3,0) Period Costumes, Architecture and Decor I: PR: Admission into Theatre MFA Design track. Costumes, architecture and decor from antiquity to the Renaissance. Fall.


THE 5385 CAH-THEA 3(3,0) 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(3,0) 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(3,0) Theatre for Social Change: PR: Admission into the MFA/MA Theatre programs or C.I. Theatre activists' impact on theatrical art forms. Occasional.

THE 5910 CAH-THEA 3(3,0) 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.
UCF Courses and Descriptions

THE 5946L CAH-THEA 1(0,20) Theatre Practicum II: PR: Admission into the graduate program. Theatre Practicum I. A laboratory course designed to develop students' practical working knowledge in theatre. Occasional.

TPA 2200C CAH-THEA 3(2,2) Theatre Design Basics: PR: BFA Design and Technology or Stage Management major; "C" (2.0) or better required in THE 2081C and BFA Design and Technology or Stage Management major. Functions and responsibilities of professional stage managers. Occasional.

TPA 2200L CAH-THEA 1(0,6) Scenography: PR: "C" (2.0) or better in TPA 2000C. Specific rendering techniques used to create visual images for scenic, lighting, and costume designers. Spring.

TPA 2210C CAH-THEA 3(2,2) Stagecraft I Lab: PR: "C" (2.0) or better in THE 2081C; Theatre Production I, TPA 2210L CR: TPA 2211L. Hand-drafting, properties development, and practice of technical theatre production. Fall, Spring.

TPA 2211L CAH-THEA 1(0,6) Stagecraft I Lab: PR: or CR: "C" (2.0) or better in TPA 2210L. Practical projects in scenic construction. Fall, Spring. M&S fee $45.00

TPA 2212L CAH-THEA 3(3,0) Stagecraft II: PR: BFA Design/Stage or Stage Management, CR: TPA 2210L. Development, theory, and practice of technical theatre production. Fall.

TPA 2211L CAH-THEA 1(0,6) Stagecraft II Lab: PR: or CR: "C" (2.0) or better in TPA 2210L. Hand-drafting, properties design, and construction. Spring.

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 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 8 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 & Technology major and "C" (2.0) or better in THE 2081C, TPA 2000C, 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 2010 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 3195L CAH-THEA 3(0,VAR) Theatre Rendering: PR: "C" (2.0) or better in TPA 2000C and TPA 2071C. Projects in scene painting techniques. Fall. M&S fee $20.00

TPA 3197L CAH-THEA 3(0,VAR) Scene Painting: 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 3223C CAH-THEA 3(2,2) Lighting Design for Theatre I: PR: BFA Stage Management or Design & Technology major and "C" (2.0) or better in THE 2081C, 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 2245C. Lecture/laboratory study of basic techniques needed for the creation of stage and film prosthetics and masks. Occasional. M&S fee $45.00

TPA 3380C CAH-THEA 2(2,4) Topics in Technical Theatre: PR: TPA 2250C. 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 3383C CAH-THEA 3(2,4) Scene Painting: PR: Technical Theatre: PR: TPA 2250C. 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 3601 CAH-THEA 3(3,0) Stage Management: PR: "C" (2.0) or better in TPA 2600. Responsibilities of the stage manager prior to, during, and after performance as related to Departmental productions as well as professional union requirements. Fall.

TPA 4041C CAH-THEA 3(2,2) Costume Design for Theatre I: 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. 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 student's area of concentration. May be used in the degree program a maximum of 4 times only when course content is different. 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 visualizing 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. Functions and responsibilities of stage management. May be used in the degree program a maximum of 4 times only when course content is different. Occasional.

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 its Application for Theatre. Spring. 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 2520L. Projects in the fundamentals of scenic design for the stage. Fall. 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/Stage 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 3651. 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. Design and Technology major, C (2.0) or better required in TPA 3651. A study of design elements (lighting, costume, set) as they apply to youth theatre. Odd Spring.

TPA 5056C 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. Fall.

TPA 5175C CAH-THEA  1(1,1)

TPA 5345C CAH-THEA  2(2,2)
2D Computer Assisted Design for Theatre: PR: Admission into the TMA 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. The role of management in the theatre industry. Fall.

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 2101C CAH-THEA  3(3,0)
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 2105C CAH-THEA  3(3,0)
Acting II - The Actor Prepares: PR: "C" (2.0) or better in TPP 2101C. 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(0VAR)
Theatre Participation-Performance I: PR: Theatre major or minor with departmental 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 TTP 2101. Practice and execution of stage 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. Production 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 $20.00

TPP 3251 CAH-THEA  3(2,2)
Musical Theatre Acting I: PR: B.F.A. Musical Theatre major, and C (2.0 or better) required in TPP 2110C. Practical acting techniques with 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 interpreting 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 2110, TPP 3103, and THE 2081C. Preparing the actor for professional work in the TV/Film industry. Occasional.

TPP 3310C CAH-THEA  2(2,1)
Directing for Theatre I: PR: Theatre majors, Junior Standing, and C (2.0 or better required in THE 3312. Principles and techniques of play direction to include script selection, directorial analysis, casting, composition, picturization, blocking, tempo, and rehearsal planning. Fall, Spring.

TPP 3510C CAH-THEA  2(2,1)
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(2,1)
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 $20.00

TPP 4140C CAH-THEA  3(2,2)
Acting IV - Creating the Role: PR: "C" (2.0) or better in TPP 3170C. Continued exploration and application of acting techniques through scene study. Fall.
TPP 4730C CAH-THEA  2(2,1)
Diactes: PR: Grade of "C" (2.0) or better required in TPP 3710C. Analysis of diactes and regionalisms, reinforcing the 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 3527C. Advanced musical theatre score study in preparation for professional auditions. 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 patter song. In-context and out-of-context presentation, stylization utilizing musical theatre repertoire. Individualized instruction. Fall.

TPP 4940L CAH-THEA  6(0,VAR)

TPP 5125C CAH-THEA  2(2,2)
Improvisation Studio: PR: Acting for Young Theatre. A study of spontaneous dramatic play and theatre exercises designed to develop the creative freedom and resources for the stage and classroom. Odd Fall.

TPP 5156C CAH-THEA  2(3,2)
Acting Studio I: PR: Admission to Theatre MFA Acting or Musical Theatre Track. An advanced scene study course with emphasis on scene analysis and character development and application of acting techniques in modern contemporary American plays. Fall.

TPP 5157C CAH-THEA  2(3,2)
Acting Studio II: PR: TPP 5156C. Advanced scene study course applying acting methodologies to the works of modern (1850-) European playwrights with emphasis on the works of Ibsen/Chekhov/Shaw. 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 5156C. 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 5156C. 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 5386C CAH-THEA  3(3,3)
Directing for Young Audiences: PR: THE 5510 and THE 5665. 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 postural movement and basic unamed 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 postural movement and basic unamed combat. Spring.

TPP 5554C CAH-THEA  2(2,4)
Musical Theatre Dance I: PR: MFA Musical Theatre Majors. Advanced dance class with particular emphasis on the development of principles of alignment, coordination, isolation, and sequencing. Fall.

TPP 5555C CAH-THEA  2(2,4)
Musical Theatre Dance II: PR: TPP 5554C. Advanced dance class with particular emphasis on the development and expression of characterization in dance. Spring.

TPP 5713C CAH-THEA  2(1,1)
Stage Voice I: PR: Admission to MFA Performance program. An introduction/review class examining the fundamentals of speaking on stage: the correct production of speech, the relaxation of physical tension, and articulation Fall. Spring.

TPP 5716C CAH-THEA  2(1,1)
Stage Voice II: PR: Admission to the MFA Performance program and TPP 5715C or 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: 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. Focuses on methods of teaching English to Speakers of Other Languages (ESOL), ESOL curriculum and materials, cross-cultural teaching, understood applications in second language teaching, and test and evaluation of ESOL. Fall, Spring.

TSL 4240 CAH-LANG  3(3,0)

TSL 4421 CAH-LANG  3(3,0)
ESL Classroom Experiences: PR: THE 3546 (5- or better). Practical instruction and experiences for future teachers of English as a second language in classes 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 4940. 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 4943 ED-TL&L  3(3,0)

TSL 4945 ED-TL&L  3(3,0)
ESOL Clinical Experience I: 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: Graduation from Career 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 methodology, 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: This course is designed to develop understanding, knowledge and skills of the current methods used in the teaching of ESOL. Fall, Spring.

TSL 5376 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: Graduate standing or C.I. Emphasizes the use 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 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: Graduate standing or C.I. Considerations for vocabulary issues encountered by second language learners; explores best practices for learners and their teachers and examines current research for pedagogical application. Occasional.

TSL 5940 CAH-LANG  3(3,0)
Issues in TelFL: PR: Graduate status or senior standing or C.I. Address issues specifically related to TelFL, such as materials adaptation, teaching in multiple-classrooms, learning styles, cultural issues, and curriculum syllabus design. Spring.

TTE 3810 ECS-CECE  3(3,0)
Highway Engineering: PR: STA 3032 with a grade of "C" (2.0) or better. Transportation will be covered. Design, planning, 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 with a grade of "C" (2.0) or better and department consent. Project design course covering principles/techniques of planning, traffic, analysis, and highway design. Includes exploring traffic volumes, laying out alternative routes, designing of limited access interchanges. Occasional. M & S fee $25.00

TTE 5204 ECS-CECE  3(3,0)
Traffic Engineering: PR: TTE 3810 or C.I. Study of operator and vehicle characteristics, and design for street capacity, signals, signs, and markings. Occasional.

TTE 5805 ECS-CECE  3(3,0)
VIC 3001 COS-COMM 3(3,0) Visual Communication: PR: Either SPC 1608, SPC 2010C, 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 attempt 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 1763-1826: Special topics in the Age of Atlantic Revolutions. Fall, Odd Spring.

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) Honors Introduction to Women's Studies: PR: ENC 1102 and Consent of Honors. Focus on women and gender in a transnational context. With Honors content. Even Spring.

WST 3020 CAH-WOM 3(3,0) Girls' 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 3291 CAH-WOM 3(3,0) Gender, Race, and Ethnicity: PR: ENL 1102 or C.I. Interdisciplinary study of women's perspectives, and scholarship by and about women of color. 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 3500 CAH-WOM 3(3,0) Gender Issues and Community Activism: PR: WST 3015 or C.I. Feminist perspectives applied to current community issues. Interdisciplinary analysis through service learning and field research. Issues will vary. May be repeated for credit. Occasional.

WST 3522 CAH-WOM 3(3,0) First and Second Wave Feminisms: PR: ENC 1102. History of Western feminist thought, from the late eighteenth century to the 1980s, through texts by First and Second Wave Feminists. Occasional.

WST 3561 CAH-WOM 3(3,0) Third Wave Feminisms: 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 feministic perspectives, examining issues of race, class, 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. Research in feminist theory, research, social change, and gender equality as experienced at the workplace in private, public, and non-profit spheres. Occasional.


WST 4022 CAH-WOM 3(3,0) Girls and the Body: PR: ENC 1102 and WST 3020. Feminist theory and practice applied in an examination of body image as it relates to girls in contemporary society. Service learning component. Occasional.


WST 4349 CAH-WOM 3(3,0) Ecofeminism: PR: ENC 1102 and WST 3015. Connections between feminism and the environment. Occasional.

WST 4415 CAH-WOM 3(3,0) Global and Transnational Feminism: PR: ENC 1102 and WST 3015. Theories and explanations in a global, multi-cultural perspective, combined with global feminist activism. Service learning component. Occasional.

WST 5347 CAH-WOM 3(3,0) Research in Women and Gender Studies: PR: Graduate standing, C.I. Interdisciplinary study of women and gender studies, with emphasis on theoretical and interdisciplinary approaches to gender and sexuality. Even Fall.

WST 5601 CAH-WOM 3(3,0) Theories in Gender Studies: PR: Graduate standing, Gender Studies graduate certificate standing, or C.I. Foundational scholarship in gender studies, with emphasis on theoretical and interdisciplinary approaches to gender and sexuality. Even Fall.

ZOO 3701C COM-BSBS 3(1,4) Human Gross Anatomy & Dissection Techniques: PR: ZOO 3733C. Dissection techniques of the human body to teach students the skills required for the preparation of three dimensional material(s). The primary student population should be junior/senior pre health professional applicants preparing for the basic medical sciences of professional schools. Spring. M&S fee $70.00

ZOO 3713C COS-BIOL 5(3,6) Comparative Vertebrate Anatomy: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. A vertebrate study focusing on the similarities and differences in body systems of various species. Fall, Odd Spring.

ZOO 3733C COS-BIOL 4(3,3) Human Anatomy: PR: BSC 2010C or equivalent. Structure of the human body. Fall, Spring. M&S fee $60.00

ZOO 3733C COS-BIOL 4(3,3) Human Anatomy: PR: BSC 2010C or equivalent. Consent of Honors. Basic and applied knowledge of the human body and its function, with attention to normal function and pathologic states of the human body relevant to practice of medicine and other health professions. Fall, Odd Spring.

ZOO 3849 CAH-WOM 3(3,0) Animal Behavior: PR: A "C" (2.0) or better in PCB 3063, PCB 3023, or PCB 3522. Study of the current ideas in animal behavior, including the mechanism of behavior and evolutionary explanations. Fall, Odd Spring.

ZOO 4310C COS-BIOL 4(2,6) Vertebrate Evolution & Ecology: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Vertebrate evolution and ecology, based on the paleontological and ecological laboratory. Fall, Odd Spring. M&S fee $65.00

ZOO 4480 COS-BIOL 4(0,0) Mammalogy: PR: A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Diversity and biology of mammals from an evolutionary perspective. Spring.

ZOO 4513 COS-BIOL 3(3,0) Animal Behavior: PR: A "C" (2.0) or better in PCB 3063. Study of the current ideas in animal behavior, including the mechanism of behavior and evolutionary explanations. Odd Fall.

ZOO 4603C COS-BIOL 5(3,4) Embryology/Development: PR: A "C" (2.0) or better in both PCB 3063 and PCB 3023, or PCB 3522, or C.I. Concepts of development of the vertebrate. Emphasis on mechanisms underlying vertebrate development. Spring. M&S fee $22.00


ZOO 4742 COS-BIOL 3(3,0) Advanced Neurobiology: PR: ZOO 3744. Advanced topics in movement, vision, motivation, sex and brain, emotions, biological rhythms, sleep, language, attention, mental illness, development, learning, memory, degeneration, regeneration. Spring.

ZOO 4743 COS-BIOL 4(3,1) Clinical Neuroanatomy and Neurosurgery: PR: ZOO 3733C with a B (3.0) or better. Basic and applied knowledge of the functional and pathologic states of the nervous system relevant to practice of medicine and other health professions. Spring.


University of Central Florida
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 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 amphibians and reptiles, their classification, evolution, and life histories. Even Spring. M&S fee $30.00

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.
CANNAROZZI, MARIA, of Physics and University Pegasus (2009), B.A., M.S. (University of Illinois) Mathematics

CARLSON, KEITH, (2001), B.S., M.Ed. (University of Central College of Education & Human Performance)

CARR, J. SCOTT, (1993), B.A., M.A., Ph.D. (Rice University) Professor of Internal Medicine and Professor of Chemistry (University of California, Berkeley) of Economics


CANNAROZZI, MARIA, of Physics and University Pegasus (2009), B.A., M.S. (University of Illinois) Mathematics

CARLSON, KEITH, (2001), B.S., M.Ed. (University of Central College of Education & Human Performance)

CARR, J. SCOTT, (1993), B.A., M.A., Ph.D. (Rice University) Professor of Internal Medicine and Professor of Chemistry (University of California, Berkeley) of Economics

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 Mississippi)

CLOCCX, BYRON D., Professor and Director of SVAD (2013), M.F.A. (California State University at Fullerton)

COFFEY, KEVIN, Professor of Materials Science and Engineering (2002), Ph.D. (Massachusetts Institute of Technology)

COLBY, PETER W., Professor of Public Administration (1986), 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, Dentistry of New Jersey)

COLON MENDOZA, ILENIA, Professor of Communication (2003), B.A., M.A., M.S., Ph.D. (Syracuse University)

COOK, JASON, B.A., M.A., M.S.L.S., D.P.A. (University of Central Florida)

COOK, KATHY S., Director of SVAD

COOK, LYNDA, Instructor of Psychology

COOK, MAURICE, II, Associate Professor of Education (1999), B.A., M.A., Ph.D. (University of Georgia)

COOPER, C. DAVID, Professor of Civil, Environmental, and Construction Engineering (1980), B.S., M.S., Ph.D. (Clemson University), P.E. (Florida)

COOPER, LARRY, Lecturer of SVAD (2004), B.F.A., M.F.A. (University of Georgia)

COOK, LYNDA, Instructor of Psychology

CORREIA, EDA M., Assistant Librarian (1999), B.A., M.L.S. (University of Puerto Rico)

CORTLEYOU-WARD, KENDALL, Assistant Professor in Health Management & Research (2007), B.S., M.S., Ph.D. (University of Central Florida)

COZIE, JAY, Professor of Sociology (1988), 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, GWENDOLYN, Visiting Instructor, College of Education & Human Performance (2012), B.S., M.S., Ed.S. (University of Central Florida)

CROES, ROBERTICO, Chair, Department of Tourism, Events and Attarctions, Professor of Hospitality Management (2002), B.A., M.A., Ph.D. (University of Twente Netherlands)

CROFT, MAX, Research Associate, SVAD (2000), 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 Kansas)

CULP, REX, Professor, College of Education & Human Performance (2005), B.A., M.A., Ph.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/CECS (2001), Ed.D. (University of Central Florida)

DAIRE, ANDREW, Associate Dean for Research and Strategic Initiatives and Professor, College of Education & Human Performance (2001), B.S., M.S., Ph.D. (Florida State University)

DANGROW, EDWARD, Instructor of History (2007), B.A., M.A., Ph.D. (University of Chicago)

DANGIOLO, MARIANA, Assistant Professor of Family and Geriatric Medicine (2010), M.D. (University of 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)

DAPODI, MOHAMMED, instructor of Chemistry (2011), B.S., M.S. (University of Central Florida)

DARBY, AMY, Instructor of History (2004), B.A., M.A. (University of Central Florida)

DAS, TUHIN, Assistant Professor of Mechanical and Aerospace Engineering (2011), B.Tech., M.S., Ph.D. (Michigan State University)

DAILY, JAY, Associate 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)

DECEV, DAMIAN, Assistant Professor of Electrical Engineering and Computer Science (2015), B.S., M.S., Ph.D. (Texas A&M University)

DECKER, JONATHAN, Assistant Professor, College of Nursing (2010), A.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)

DELFYETT 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)

DEMARA, 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., M.P.A., Ph.D. (University of Central Florida)

DEO, NARSINGH, Professor of Electrical Engineering and Computer Science; Holder of the Charles N. Milican Chair in Computer Science (1996), 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.A.C.C., Ph.D. (Florida State University)

DERSAJU, RAMARAO, Associate Professor of Marketing (1999), B. Tech, Ph.D. (University of Florida)

DESMARAIS, PAUL, Lecturer, College of Nursing (2003), M.S.N., Ph.D. (University of Massachusetts)

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., M.S., M.S.N. (University of Central Florida)

DIAZ, SILVIA, Instructor, College of Education & Human Performance (2000), B.S., M.S. (University of Miami)

DIBERNARDO, SATABINO, Lecturer of Religion, Philosophy, and Humanities (2001), B.A., M.A., M.Phil, Ph.D. (Syracuse University)

DIECKIE, 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)

DIEKER, LISA, Professor, College of Education & Human Performance (2003), B.A., M.A., Ph.D. (University of Central Florida)

DIERCKSEN, CHRISTA, Lecturer of Biology (2012), Ph.D. (Boston University)

DILLON, MARY, Visiting Instructor of Social Work (2013), B.L.S., M.S.W., Ed.D. (Nova Southeastern University)

DILMAN TAYLOR, DALENA, Assistant Professor, College of Education & Human Performance (2013), B.A., M.Ed., Ph.D. (University of North Texas)

DINAPOLI, JOSEPH, Associate Instructor of Communication Sciences and Disorders (2002), B.S., M.S., C.A.G.S. (Columbia University)

DIPBOYE, ROBERT L., Professor of Psychology (2004), B.A., M.S., Ph.D. (Purdue University)
FOLGER, ROBERT G., Professor of Management (2003), B.A., M.A., Ph.D. (University of North Carolina-Chapel Hill)

FOLSE, KEITH S., Professor of TESOL (1999), B.A., M.A., Ph.D. (University of South Florida)

FORD, CAMERON, Associate Professor of Management (1997), B.S., Ph.D. (Pennsylvania State University)

FORD, JASON A., Associate Professor of Sociology (2002), B.A., M.A., Ph.D. (Bowling Green State University)

FORD, ROBERT E., Associate Lecturer of Criminal Justice (1999), B.A., M.A., Ph.D. (University of Illinois)

FORLAW, Loretta, Assistant Professor, College of Nursing (2011), R.N., F.A.C.N.E., Ph.D. (The Catholic University of America)

FOROOSH, HASSAN, Associate Professor of Electrical Engineering and Computer Science (2003), B.S., M.S., Ph.D. (Institute National de la Recherche)

FORSYTHE, LENORA, Visiting Instructor, College of Education & Human Performance (2013), B.S., M.Ed. (Nova Southeastern University)

FOSTER, AMY, Associate Professor of History (2005), B.S., M.A., Ph.D. (Auburn University)

FOTTLER, MYRON D., Associate Professor of Industrial, Management,和 Engineering (2011), B.A. (HONS), MPHIL, Ph.D. (Bournemouth University, United Kingdom)

FRAZER, ANDREW, Assistant Professor of Chemistry (2012), B.S., M.S., Ph.D. (University of Central Florida)

FRAZER, JASON A., Assistant Professor of Music (2011), B.S., M.B.A., M.A., Ph.D. (University of Texas)

FRANCE, SCOT, Professor of History (2011), B.A., M.A., Ph.D. (University of North Carolina-Chapel Hill)

FRAZIER, WILLIAM C., Associate Professor of Political Science (2003), B.S., M.A., Ph.D. (Indiana University)

FRAGALA, MAREN, Assistant Professor of Economics (2005), B.A., M.A., Ph.D. (University of North Carolina)

FOTTLER, MYRON D., Assistant Professor of Industrial, Management, and Engineering (2011), B.A. (HONS), MPHIL, Ph.D. (Bournemouth University, United Kingdom)

FRY, MELISSA, Assistant Professor of Finance (1999), B.S., Ph.D. (Georgia Institute of Technology)

FYALL, ALAN, Professor of Hospitality Management (2012), B.A. (HONS), MPHIL, Ph.D. (Bournemouth University, United Kingdom)

GAMMONLEY, DENISE, Associate Professor of Social Work (2003), B.S., M.S.W., Ph.D., L.C.S.W. (University of North Carolina)

GAJON, BARBARA, Assistant Professor of History (2010), B.A., M.A., Ph.D. (Pennsylvania State University)

GARCIA, MARIA, Associate Professor of Spanish (2005), B.A., M.A., Ph.D. (Vanderbilt University)

GARCIA, NORA LEE, Associate Professor of Music (1998), B.M., M.M., D.M.A. (University of Miami)

GARNER, MICHAEL, Medical Instructor Librarian (2011), M.S. (Florida State University)

GATCHEV, VLADIMIR, Associate Professor of Finance (2005), B.S., M.S., Ph.D. (Tulane University)

GAU, JACINTA, Assistant Professor of Criminal Justice (2011), Ph.D. (Washington State University)

GAUDNEK, WALTER, Professor of Aerospace Studies (1970), M.A., Ph.D. (New York University)

GAUME, ROMAIN, Assistant Professor of Optics and Secondary Joint Assistant Professor of Materials Science and Engineering (2011), M.S., Ph.D. (Paris VI University)

GAUSE, JR., RICHARD, Distinguished University Professor, College of Education & Human Performance (1998), B.S., M.B.A., M.L.S. (Florida State University)

GAY, DAVID, Associate Professor of Sociology (1989), B.A., M.A., Ph.D. (Duke University)

GAY, KIRK, Instructor of Music (2005), B.M., M.M. (Cleveland Institute of Music)

GEIGER, CHRISTOPHER, Associate Professor of Industrial Engineering (2004), B.S.I.E., M.S.I.E., Ph.D. (Purdue University)

GEIGER, VANCE, Associate Lecturer of Anthropology (1994), B.A., M.A., Ph.D. (University of Florida)

GENNARO, ROBERT, Professor Emeritus and Associate Director for the Burnett School of Biomedical Sciences (1970), Ph.D. (Texas A&M University)

GENNARO, ROBERT, Professor of Music (2011), B.A., M.A., Ph.D. (University of North Carolina-Chapel Hill)

GEOFFRIOPOULOS, MICHAEL, Dean, College of Engineering and Computer Science, Professor of Electrical and Computer Engineering (1988), Ph.D. (University of Connecticut), P.E. (Greece)

GERKING, SHELBY, Professor of Economics (2001), B.A., M.B.A., M.A., Ph.D. (Indiana University)

GERMAN, DEBORAH C., Vice President for Medical Affairs, Dean of College of Medicine, and Professor of Medicine (2006), B.S., M.D. (Marshall Medical School)

GERSTEIN, MARK, Associate Professor of SVAD (2005), B.A. (University of Chicago)

GESQUIERE, ANDRE J., Associate Professor of Nanoscience Technology, Joint Associate Professor of Chemistry, and Secondary Joint Associate Professor of Materials Science and Engineering (2005), B.S., Ph.D. (University of Leuven, Belgium)

GHASINEJAD, SHAHRAM, Assistant Professor, College of Nursing (2008), B.A. (University of Texas)

GIBBS, W. ERNEST, Associate Professor of Economics (1967), B.S., M.B.A., M.A., Ph.D. (Rutgers University)

GIBSON, JANE, Assistant Professor of Pathology (2008), Ph.D. (University of Florida)

GIBSON-YOUNG, LINDA, Assistant Professor, College of Nursing (2011), B.R.N., Ph.D. (University of Alabama)

GILKESON, JAMES H., Associate Professor of Finance (1994), B.S., M.S.M., Ph.D. (Duke University)

GILL, MICHELE G., Associate Professor, College of Education & Human Performance (2002), B.A., M.A.E., Ph.D. (University of Florida)

GILLUM, SHALU, Public Services Librarian (2010), M.L.S. (University of South Florida)

GIOVANNANO, PAUL, Assistant Professor of Accounting (2004), B.A., M.A., Ph.D. (Indiana University)

GLEYZON, FRANCOIS-XAVIER, Professor of Optics/FPCE (1995), Ph.D., D.Sc. (Vavilov State Optical Institute)

GLEIG, ANN, Assistant Professor of Religion and Cultural Studies (2004), B.A., M.A., Ph.D. (Rice University)

GLEYZON, FRANCOIS-XAVIER, Assistant Professor of English (2011), Licence-é-Lettres, Post Graduate Certificate, Ph.D. (Lancaster University)

GLINOS, DEMETRIOS, Assistant Professor of Geriatrics and Palliative Medicine (2011), M.D. (University of Miami)

GOLDWATER, JAMES, Associate Professor of Philosophy (1989), B.Com., B.A., M.B.A., Ph.D. (Louisiana State University)

GOMEZ, FERNANDO J., Associate Professor of Electrical Engineering and Computer Science (1981), B.A., M.A., M.D. (Ohio State University)

GOMMAR, MARY ELLEN, Instructor of Writing & Rhetoric (2002), B.A. (University of Central Florida)


GOODMAN, STEPHEN H., Chair and Associate Professor of Management (1984), B.S., M.B.A., Ph.D. (Pennsylvania State University)

GORDON, ALLI, Assistant Professor of Mechanical and Aerospace Engineering (2006), B.S., M.S., Ph.D. (Georgia Institute of Technology)

GORDON, FON, Associate Professor of History (2001), B.A., M.S.E., Ph.D. (University of Arkansas)

GORMAN, LAUREL, Assistant Professor of Psychology (2009), B.S., M.A., Ph.D. (Louisiana State University)

GOU, JINHUA, Assistant Professor of Mechanical and Aerospace Engineering and Secondary Joint Associate Professor of Materials Science and Engineering (2007), B.S., M.S., Ph.D. (Florida State University)

GRAHAM, RITA, Instructor of Communication (2003), B.A., M.A., Ph.D. (University of Florida)

GRAJEDA, ANTHONY, Associate Professor of English (2001), B.A., M.A., Ph.D. (University of Wisconsin-Madison)

GRAJEDA, ELIZABETH, Professor of Sociology (2005), B.A., M.A., Ph.D. (Indiana University)

GRAY, DAVID, Capt., USAF, Assistant Professor of Aerospace Studies (2008), B.A. (George Mason University)

GREGG, PAUL, Instructor of Finance (2004), B.S.B.A., M.S. (University of Central Florida)

GREVES, REGINA, Associate Professor, College of Education & Human Performance (2003), B.S., M.A., Ed.S., Ph.D. (University of Alabama)

GRIFFITHS, BARRY, Instructor of Mathematics (2002), B.S., M.S., M.A. (University of Florida)

GROFF, AMANDA, Instructor of Anthropology (2009), B.A., M.A. (University of Central Florida)

GROS, BERNARD, Assistant Professor of Internal Medicine (2011), M.D. (Emory University)

GRULA, RICHARD, Instructor, FIEA (2008), B.A., M.S. (University of Central Florida)
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 (2012), 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 (2000), B.S., M.A., Ph.D., University of California, Davis

GUNDY, CYNTHIA, Instructor of Mathematics (2000), B.S., M.B.A. (University of Central Florida)

GUNTER, GLENDA, Associate Professor, College of Education & Human Performance (1999), B.S., M.B.A. (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 at Los Angeles)

HAGAN, DAVID J., Associate Dean for Academic Programs & Professor of Optics (1987), B.S., Ph.D. (Heriot-Watt University)

HAGEDORN, W. BRYCE, Associate 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-VAUGHN, DEBBIE, Associate Professor, College of Education & Human Performance (2003), B.A., M.B.A., Ph.D. (University of Alabama)

HALL, RICK, Research Associate, FSEA (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 EIEES (2000), Ph.D. (University of Central Florida)

HAMANN, KERSTIN, Chair and Professor of Political Science (1995), M.A., M.A., Ph.D. (Washington University)

HAMPSON, MARCY S., Assistant to the Director, School of Accounting and Instructor of Accounting (2004), B.S., M.B.A. (University of Central Florida)

HAMPSON, MICHAEL M., Professor of Chemistry and Director of Interdisciplinary Studies (1981), B.S., Ph.D. (Texas Tech University)

HAN, CHU-HUNG, 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, TAGAYUKI, Associate Dean of Administration and Finance, Associate Professor of Hospitality Management (2005), B.S., M.S., MBA, M.P.S., Ph.D. (Cornell University)

HARLAND, MICHAEL, Assistant Professor of Electrical and Computer Engineering (1979), B.S., M.S., Ph.D. (George Washington University)

HEID, JOHN, Professor of Physics (2006), B.S., Ph.D. (Massachusetts Institute of Technology)

HARRISON, JOSEPH, Instructor of Communication Sciences and Disorders Clinic (2013), B.S., M.A. (Hofstra University)

HARRIS, CHRISTOPHER, Associate Professor of SVAD (2001), B.A., M.F.A. (School of the Art Institute of Chicago)

HARRIS, DAVID, Assistant Professor of Physiology (2011), Ph.D. (Temple University)

HARRIS, ELIZABETH, Lecturer of Biology (2004), B.A., Ph.D. (Louisiana State University)

HARRIS, LANI, Professor of Theatre (1997), B.A., M.F.A. (University of Southern California)

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.L.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 Computer Science 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 (2003), Ph.D. (Florida State University)

HEYES, B. GRANT, Executive Associate Dean for Academic Affairs and Professor, College of Education & Human Performance (2003), 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)

HEIL, JOHN, Technical Director (2011), B.S., M.F.A. (Virginia Polytechnic Institute and State University)

HEINRICII, HELGE H., Associate Professor of Physics and AMPAC, and Graduate Coordinator (2003), Ph.D. (Federal Institute of Technology)

HEINRICII, MARK, Associate Professor of Electrical Engineering and Computer Science (2003), B.S., M.S., Ph.D. (Stanford University)

HELSINGER, 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 (2001), M.S. (University of Central Florida)

HENKEN, LUANN, Lecturer 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.A., M.A., Ph.D. (University of Dublin)

HERRERA, 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. (University of 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 (1990), B.A. (University of South Florida)

HINKLE, JULIE, Lecturer, College of Nursing (2013), B.S.N., M.S.N., 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.DES., Ph.D. (University of Cincinnati)
Associate Librarian
Director, Library Systems & Technology
Associate Librarian
HOFFMAN, ERIC, Associate Professor of Biology
(2005), B.S., M.S., Ph.D. (Oregon State University)
HOFFMAN, JAY, Chair and Professor, College of Education & Human Performance
(2010), B.S., M.S., Ph.D. (University of Connecticut)
HOFFMAN-RUDDY, BARI, Assistant Professor of Communication Sciences and Disorders
(2001), B.A., M.A., Ph.D. (University of Florida)
HOFER, 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 Lecturer of English
(1989), 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)
HOLLOW, 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
(2004), B.A., M.A. (University of Central Florida)
HOWARD, ROSALYN, Associate Professor of Anthropology
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)
HU-CASIMIR, YUN-LING, Assistant Professor of Music
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, XIANG, Associate 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 Chemistry
(1995), B.A., M.A. (Syracuse University)
HODUCK, 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
(1985), 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
HUO, QUN, Associate Professor of Aerospace Engineering and Technology and Secondary Joint Associate Professor of Chemistry
(2005), Ph.D. (University of Miami)
HUSAIN, MUJTABA, 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
(2001), B.S., M.S.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.I.C. (Imperial College, University of London)
INGRAM, DANIEL, Instructor of Statistics
(2003), B.S., M.S. (University of Central Florida)
INGLE, LORI, Associate Professor of SVAD
INGRAM, KATHERINE H., Associate Professor of Theatre
(2001), B.S., M.F.A. (University of Arkansas)
ISHIGAMI, MASAIKO, Assistant Professor of Nanoscience Technology and Joint Assistant Professor of Physics
(2004), Ph.D. (University of California)
ISHIKATA, WILFRED, Associate Professor of Hospitality Management
(2005), B.S., M.S., Ph.D. (New York University)
ISLAS, ALVARO, Lecturer of Mathematics
(2005), Ph.D. (Old Dominion University)
IVES, PETER, Lecturer of Writing & Rhetoric
(2011), B.A., M.F.A. (Bennington College)
JACINTO, GEORGE, Associate Professor of Social Work & MSW Coordinator
(2012), B.S., M.S.W., Ph.D. (Barry University)
JACOBS, DIANE, Professor of Microbiology
(1994), Ph.D. (Harvard University)
JACQUES, PETER, Associate Professor of Political Science
(2003), B.A., M.P.A., Ph.D. (Northern Arizona University)
JANOWSKY, ALISHA, Lecturer of Psychology
(2004), B.A., M.A., Ph.D. (Florida Atlantic University)
JANZ, BRUCE, Professor of Philosophy and Humanities and Secondary Joint Professor of Texts and Technology
(2010), B.S., M.A., Ph.D. (Texas Tech University)
JARDANEH, SUSAN P., Associate Lecturer of English
JARLEY, PAUL, Dean and Professor, College of Business Administration
(2012), B.S., M.A., Ph.D. (University of Wisconsin-Madison)
JASINSKI, JANA L., Associate Dean, College of Graduate Studies and Professor of Sociology
(1999), B.A., M.A., Ph.D. (University of Wisconsin-Madison)
JEFFERSON, ALLISON G., Instructor and Executive Director of Administration, College of Education & Human Performance
(1999), B.S., M.S. (Northwestern University)
JENNINGS, KELLY, Assistant Professor of Digital Media
(2009), B.S., M.N. (Nova Southeastern University)
JENSEN, BERNARD, Associate Professor of Psychology
(1985), B.S., 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)
JIANG, JAMES J., Professor of Management Information Systems
(2001), B.M.A., M.S., Ph.D. (University of Cincinnati)
JIN, YIER, Assistant Professor of Electrical and Computer Engineering
(2012), Ph.D. (Yale University)
JOHNSON, ABBILYN, Capt., USAF, Assistant Professor of Aerospace Studies
(2009), B.A., MBA (Amberton 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 Science and Professor of Physics
(1990), B.S., Ph.D. (University of Virginia)
JOHNSON, TERESA, Assistant Professor of Medical Education
(2001), Ph.D. (Florida State University)
JONES, ANNA M., Associate Professor of English
(2002), B.A., Ph.D. (University of Notre Dame)
JONES, DANIEL R., Professor of English (1984), B.A., M.A., Ph.D. (Florida State University)

JONES, DONALD E., Assistant Professor of Philosophy (1972), B.A., M.A., Ph.D. (University of Oklahoma)

JONES, FOARD F., Associate Dean, College of Business Administration, and Associate Professor of Management (1993), B.S., M.B.A., Ph.D. (University of Georgia)

JONES, K. DAYLE, Associate Professor, College of Education & Human Performance (1997), B.S., M.A., Ph.D. (University of South Carolina)

JONES, LINWOOD W., Professor of Electrical and Computer Engineering (1997), Ph.D. (Virginia Polytechnic Institute)

JONES, ROBERT S., Associate Professor of SVAD (1991), A.B., M.S., M.F.A. (University of California at Los Angeles)

JORDAN, KAREEM, Coordinator of Graduate Studies and Associate Professor of Criminal Justice (2011), Ph.D. (Indiana University of PA)

JOSEPH, DANAL. Assistant Professor of Psychology (2011), Ph.D. (University of Illinois)

JOSHI, AMIT, Associate Professor of Marketing (2005), B.E., P.G.D.M., Ph.D. (University of California, Los Angeles)

JUDD, ANDREW J., Associate Professor of Accounting (1987), B.A.B.A., M.B.A., Ph.D. (University of Florida)

JUDY, JONATHAN A., Chef Instructor, Hospitality Management (2010), B.S., M.A. (University of South Florida)

JUGE, FRANK E., Professor of Hospitality Management and Professor Emeritus of Chemistry (2005), B.S., Ph.D. (University of Arkansas)

JUNG, HYUNG-IL, Lecturer of Hospitality Management (2005), B.A., M.S., Ph.D. (Virginia Polytechnic Institute)

JURIE, JAY D., Associate Professor of Public Administration (1986), B.A., M.A., M.E.P., Ph.D. (Arizona State University)

KALLINA, EDMUND F., JR, Professor of History (1970), B.A., M.A., Ph.D. (Winston-Salem State University)

KAMRATH, MARK L., Professor of English (1997), B.S., M.A., Ph.D. (University of Nebraska)

KANG, JUHEE, Assistant Professor of Hospitality Management (2012), M.S., Ph.D. (Iowa State University)

KAPAT, JAYANTA S., Professor of Mechanical and Aerospace Engineering (1997), B. Tech. (Hons), M.S., Sc.D. (Massachusetts Institute of Technology)

KAPLAN, JEFFREY S., Associate Professor, College of Education & Human Performance (1992), B.A., M.A., Ph.D. (University of Florida)

KAPUCU, NAIM, Professor of Public Administration (2003), B.S., M.S., Ph.D. (University of Central Florida)

KAR, ARAVINDA, Professor of Optics and Secondary Joint Professor of Materials Science and Engineering (1994), Ph.D. (University of Illinois at Urbana-Champaign)

KARA, ABDULKADER, Associate Professor of Physics (2006), Ph.D. (University of Lille and CEA Saclay, France)

KARL, JUSTIN, Lecturer of Mechanical and Aerospace Engineering (2013), B.S., M.S., Ph.D. (University of Central Florida)

KARWOSKI, WALDEMAR, Chair and Professor of Industrial Engineering (2007), M.S., Ph.D., D.Sc. (Texas Tech University), P.E. (Texas)

KASSAB, ALAIN J., Professor of Mechanical and Aerospace Engineering (1991), B.S., M.S., Ph.D. (University of Florida)

KASSIM, HUSAIN, Associate Professor of Philosophy and Religion (1970), B.A., M.A., I.L.L.B., Ph.D. (University of Born)

KATSEVICH, ALEXANDER, Professor of Mathematics (1946), B.S., M.S., Ph.D. (Kansas State University)

KATT, JAMES, Associate Professor of Communication (2003), B.S., B.A., M.A., Ph.D. (University of Central Florida)

KAUFMAN, JEFFREY, Assistant Professor of Mechanical and Aerospace Engineering (2012), B.S., M.S., Ph.D. (Pennsylvania State University)

KELLMAN, TAMMIE, Associate Professor of Hospitality Management (2003), B.S., M.S., Ph.D. (Virginia Polytechnic Institute)

KAUP, DAVID, Provost’s Distinguished Research Professor (2001), B.S., M.S., Ph.D. (University of Maryland)


KELLHER, CHARLES F., Associate Professor of Accounting (1989), B.S., B.S., M.S., Ph.D. (Texas A&M University)

KENNERLEY, MARGARET ANN, Lecturer of Psychology (2001), Ph.D. (University of South Carolina)

KENT-WALSH, JENNIFER, Associate Professor of Communication Sciences and Disorders (2003), B.Ed., M.S., Ph.D. (Pennsylvania State University)

KERNESS, SHLIE, Instructor, College of Education & Human Performance (2008), B.A., M.S. (Nova Southeastern University)

KESLER, THOMAS R., Associate Lecturer of English (1997), B.A., M.A., M.F.A. (Spalding University)

KHANJAVIKHAN, MERCEDEH, Assistant Professor of Optics (2012), Ph.D. (University of Minnesota)

KHALED, ANNETTE, Associate Professor, Coordinator of Biomedical Sciences Ph.D. (2012), Ph.D. (University of Florida)

KHONDAKER, SAIFUL, Associate Professor of Physics and Secondary Joint Professor of Electrical and Computer Engineering (2004), Ph.D. (Cambridge University, UK)

KIBBLE, JONATHAN, Assistant Dean of Medical Education and Associate Professor of Physiology (2008), Ph.D. (University of Manchester)

KI, PIETER G., Associate Professor of Optics and Associate Professor of Physics (2003), Ph.D. (F.O.M. Institute, Amsterdam)

KILLINGSWORTH, ELIZABETH, Acting Head, Information Literacy & Outreach and Associate Librarian (2000), B.S., M.L.L.S. (University of North Texas)

KILMANN II, MARCUS D., Head, Coordinator Services and Assistant Librarian (1996), B.S., M.S.L.S. (University of Texas)

KIM, JOO, Associate Professor of SVAD (1999), B.A., Ph.D. (University of Minnesota)

KIM, MYUNGHEE, Associate Professor of Political Science (2007), B.P.A., M.A., Ph.D. (Binghamton University - SUNY)

KIM, SI JUNG, Assistant Professor of SVAD (2010), B.S., M.S., Ph.D. (Virginia Tech)

KIM, YON SEONG, Assistant Professor of International Business (2010), Ph.D. (Weill Cornell Graduate School of Medical Sciences)

KING, JOSHUA, Assistant Professor of Biology (2011), Ph.D. (University of Florida)

KING, STEPHEN, Associate Professor (2011), Ph.D. (University of Colorado)

KING-MORRIS, KELLI, Assistant Professor of Internal Medicine (2013), M.D. (University of South Florida)

KINNALLY, WILLIAM, Assistant Professor of Communication (2006), B.A., M.A., Ph.D. (Florida State University)

KINSEY, BARBARA, Associate Professor of Political Science (2002), B.A., Ph.D. (Washington University in St. Louis)

KISBY, CYNTHIA M., Head, Regional Libraries and Associate Librarian (1996), B.A., M.A.L.S. (Dominican University)

KLOPASHIKOV, DMITRY, Assistant Professor of Chemistry (2008), B.S., M.S., Ph.D. (Novosibirsk Institute of Biorganic Chemistry, Russia)

KONG, ANTHONY, Professor of Communication Sciences and Disorders (2007), B.S., Ph.D. (University of Hong Kong)

KOONS, KEITH, Professor of Music (1990), B.M.E., M.M., D.M.A. (University of Southern California)

KOROSY, ALICE A., Associate Lecturer of Spanish (1990), B.A., M.A. (Florida State University)

KOTNOUR, TIMOTHY G., Professor of Industrial Engineering (1995), B.S., M.S., Ph.D. (Virginia Polytechnic Institute and State University)

KOVOVA, ALLA, Assistant Professor of Psychology (2008), B.A., M.A., Ph.D. (Moscow State University, Russia)

KOVACH, KEITH, Associate Professor of SVAD (2004), B.A., M.F.A. (University of South Florida)

KRICK, STEPHANIE, Lecturer of Public Administration (1997), Ph.D. (University of Central Florida)

KRISHNAMOORTHY, ANAND, Professor of Marketing (2004), B.Tech., Ph.D. (University of Texas - Dallas)

KUANG, LANLAN, Assistant Professor of Humanities (2011), B.A., M.A., Ph.D. (Indiana University)

KUBIET, LESLEE, Instructor, College of Nursing (2006), A.R.N.P., M.S.N. (University of Florida)

KUEBLER, STEPHEN, Professor of Chemistry and Joint Associate Professor of Optics (2003), Ph.D. (University of Oxford)
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 Marketing (2012), D.M.A. (Michigan State University)
MILLER, MATTHEW, 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., Instructor of English (2011), B.S., M.A., Ph.D. (Florida Institute of Technology)
MILON, J. WALTER, Professor of Materials Science and Engineering (1986), B.S., M.S., J.D. (University of Florida)
MILTON, 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)
MIRILIOVIC, NIKOLA, Assistant Professor of Political Science (2011), B.A., M.A., Ph.D. (University of Chicago)
MISHTAL, 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)
MOWAT, DOAN T., Research Professor of Psychology (2006), B.A., M.A., Ph.D. (Texas Christian University)
MOHAIJER, 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)
MOLLAGHASEMI, 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, EURIPIDES, Lecturer of Electrical Engineering and Computer Science (1980), 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 (1989), 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 Florida (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 (2009), B.S., M.S. (Webster University)
MORAN-BANO, COLLEEN, Professor of Pediatrics (2010), M.D. (University of South Florida)
MORETO, WILLIAM, Assistant Professor of Criminal Justice (2013), B.S., M.S., Ph.D. (Juniata University)
MORSE, ANNE, Instructor, College of Nursing (2007), B.S., B.S.N., M.S.N. (University of Central Florida)
MORTON, WILLIAM C., Associate Lecturer of English (2002), B.A., M.A. (Miami University)
MOSLEHY, FAISSAL A., Professor of Mechanical and Aerospace Engineering (1980), B.S., M.S., Ph.D. (University of South Carolina, P.E. (Florida)
MOTTARELLA, KAREN, Lecturer of Psychology (1990), B.A., M.S., Psy.D. (Florida Institute of Technology)
MOULOUA, MUSTAFA, 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)
MUCCIOLIO, 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)
MULVIHILL, RACHEL G., Associate Lecturer (2002), B.A., M.A.L.I.S. (University of Alabama)
MUNDALE, JENNIFER, Associate Professor of Philosophy (1998), 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)
MUNCH, 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 and State University)
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 State 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)
MUSTAINE, ELIZABETH, Professor of Sociology (1994), B.A., M.A., Ph.D. (Ohio State University)
MUSCARE-AFROMANG, 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)
NASTER, 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)
NEDERSTOT, 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 Physics (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)
NEVALL, 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)
NICHOLS, GARY, Instructor of Management (2006), B.S.B, M.B.A. (University of South Florida)
NICKERSON, CHRISTOPHER, Chair and Professor of Economics (2010), B.S., M.S., Ph.D. (University of Michigan)
NICKERSON, DAVID M., Chair and Professor of Political Science (2006), B.A., M.B.A, M.F.A., Ph.D. (University of Georgia)
NICKERSON, JASON M., Associate Professor of Spanish (2009), B.A., M.A., Ph.D. (University of South Florida)
NICKERSON, JASON M., Associate Professor of Spanish (2009), B.A., M.A., Ph.D. (University of South Florida)
ROBINSON, E. BRADY, Associate Professor of SVAD (2005), B.F.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, CECILIA Y., Associate Professor of English (1999), B.A., M.A., D.A. (University at Albany, New York)


ROTHENBERGER, SUSAN, Assistant Professor (2012), Ph.D. (University of Washington)

ROTHSCHILD, CAREY, B.S., M.A., Ph.D. (University of Texas at Dallas)

ROUSE, TIMOTHY, Instructor of Writing & Rhetoric (1994), B.S., M.A., Ph.D. (University of New Mexico)

ROUVALLE, ANGELA, Assistant Professor of Accounting (1989), B.A.B., M.B.A., Ph.D. (Georgia State University)

ROUHO, SAMUEL, 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. (Rutgers University)

RUSHIN, PATRICK J., Associate Professor of English (1983), B.A., M.A. (Johns Hopkins University)

RUSCKOW, JOSEPH S., Associate Professor of Theatre (1985), B.A., M.F.A. (Minnesota State University)

RUSSELL, WILLIAM, Associate Professor, College of Education & Human Performance (2007), B.A., M.Ed., Ph.D. (Florida State University)


SADUR, JOHN, Associate Professor of History and Chair (2006), B.A., M.A., Ph.D. (Louisiana 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 (1991), B.A., Ph.D. (University of Calcutta)

SALAS, EDUARDO, Professor of Psychology, Trustee Chair, and University Professor (1999), B.A., M.S., Ph.D. (Old Dominion College)

SALAZAR, SERGIO, Assistant Professor of Internal Medicine (2013), M.D. (American University of the Caribbean)

SALEH, BAHAA A. E., Dean and Director, Professor of Optics (2009), Ph.D. (John Hopkins University)

SALEH, SUHA, Program Director and Assistant Professor of Health Sciences (2010), M.T., Ph.D. (Kansas State University)

SALGADO, MARIXA, 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 Central Florida)

SAMPSON, CARLA JACKIE, Instructor and Internship Director of Health Services Administration (2013), B.B.A., M.B.A./M.S., FACHE (Temple University)

SAMSAM, MOHTASHEM, Assistant Professor (2004), Ph.D. (University of Salamanca), M.D. (Szent Szegedi Gyorj Medical University)

SANBORN, JOSEPH B., Associate Professor of Criminal Justice (1996), 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)

SANDT, 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)

SANTRA, 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), Pay-D. (Illinois School of Professional Psychology)

SCHAFFER, MARK, Professor of Political Science (2011), B.A., M.A., Ph.D. (Arizona State University)

SCHAFF, MARGARET K., Associate Director for Public Services (1984), B.A., M.L.S., M.B.A. (University of Central Florida)

SCHARF, PATRICK, Associate Professor of Music (1999), D.M.A. (Eastman School of Music)

SCHELL, 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)

SCHLOSSER, BRIDGET, Professor of Communication Sciences and Disorders (1997), A.A., B.A., M.A., Ph.D. (University of Florida)

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 Universität 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)


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. (Barry University School of Law)

SCOTT, JOHN B., Professor of Writing & Rhetoric (2002), B.A., M.A., Ph.D. (Pennsylvania State University)

SCRIGGIN, 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)
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 (1995), B.A., M.L.S. (University of Maryland)

SEMRAD, KELLY, Assistant Professor of Hospitality Management (2013), B.S., M.S. Ph.D. (University of Central Florida)

SEPULVEDA, 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)

SHAFER, 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)

SHIVA-MOGGI, BHIMSEN, Professor of Mathematics and Secondary Joint Professor of Physics (2006), B.S., M.S., Ph.D. (University of Colorado at Boulder)

SHORT, EDMOND, Associate Faculty, College of Education & Human Performance (1999), B.S., M.Ed., Ed.D. (Columbia University)

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)

SIDDIQI, SHADAB, Assistant Professor (2009), Ph.D. (University of Lucknow)

SIEGFRIED, JUDI, Lecturer, Theatre (2005), B.F.A., M.F.A. (Texas Christian University)

SIGHMAN, MICHAEL, Professor of Chemistry and Secondary Joint Professor of Optics (2002), B.S., Ph.D. (Florida State University)

SIKORSKA-SIMMONS, ELZBIETA, Associate Professor of Sociology (2020), 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-CENDAN, 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 (2006), B.A., M.A., Ph.D. (University of Florida)

SINGH, DIPENDRA, Assistant Professor of Hospitality Management (2011), M.S., Ph.D. (University of Nevada, Las Vegas)

SINGLA, DINENDER, Associate Professor (2007), Ph.D. (Postgraduate Institute of Medical Education and Research)

SVAD, SIVO, STEPHEN A., Professor, College of Education & Human Performance (2000), 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, DAE, Research Associate, SVAD (2007), B.A., M.A. (University of Louisiana)

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 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, Interim Dean and Orlando Health Distinguished Professor, College of Nursing (1991), F.A.A.N., M.S.N., Ph.D. (University of Texas)

SONG, HOJUN, Assistant Professor of Biology (2003), B.A., Ph.D. (Moscow State University)

SONG, ZIXIA, Associate Professor of Mathematics (2008), B.S., M.S., Ph.D. (George Institute of Technology)


SOSKIN, MARK D., Associate Professor of Economics, Daytona Campus (1986), B.A., M.A., Ph.D. (Pennsylvania State University)

SOTERO-ESTEVA, WALTER D., Instructor of SVAD (2001), B.S., Ph.D. (Indiana University)

SPALDING, LEE-ANNE, Instructor, College of Education & Human Performance (2004), B.S., Ed.M. (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)

SPYERS-DURAN, PETER, Associate Librarian (1996), B.A., M.L.I.S. (University of South Florida)

ST. CLAIRE, SYBIL, Instructor of Theatre (2013), B.A., M.A., M.F.A. (Goddard College)

STACK, ALLISON, Instructor of Writing & Rhetoric (2011), B.A., 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)

STAP, DONALD L., Professor of English (1987), B.A., Ph.D. (University of Utah)

STEENS, CONSELO, 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.M., D.M.A. (University of Illinois)

STOCK, AXEL, Associate Professor of Marketing (2003), M.S., Ph.D. (Purdue University)

STOECKL, ULA, Associate Professor of SVAD (2001), Graduate Diplome, M.F.A. (Institut fuer Filmmagstaltung (Hochsueh Fengestaltung))

STOLBOV, SERGEY, Associate Professor of Physics (2006), M.S., Ph.D. (Rostove State University)

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)

STRAWLER, 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)


SUGAYA, KIMINOBU, Professor (2004), Ph.D. (Science University of Tokyo)

SUN, QUYU, 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, Director of CREATE, Professor of Music, and Pegasus Professor (1991), B.A., M.F.A., D.M.A. (University of Texas)

SURETTE, RAYMOND B., Postdoctoral Associate, College of Education & Human Performance (2013), B.A., M.A., Ph.D. (University of Central Florida)

SUTTON, STEVE G., Chairholder, KPMG Professorship 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., Ph.D. (Oklahoma State University)
SWANSON, JASON R., Associate Professor of Mathematics (2007), B.S., M.S., Ph.D. (University of Washington)

SWANSON, SONA, Visiting Lecturer of Mathematics (2013), Ph.D. (University of Washington)

SWEEO, ROBERT, E., Lecturer of International Business (2006), B.A., M.A., Ph.D. (University of North Texas)

SYPOLT, TERRIE K., Associate Librarian (2000), B.A., M.L.S. (University of Pittsburgh)

SZALMA, JAMES, Associate Professor of Psychology (2006), B.A., M.A., Ph.D. (University of Cincinnati)

SZENTE, JUDIT, Associate Professor, College of Education & Human Performance (2005), B.A., M.Ed., Ph.D. (University of Buffalo)

SZUMALANSKI, SEAN, Visiting Lecturer of Electrical Engineering and Computer Science (2013), Ph.D. (University of Central Florida)

SZYMANSKI, ROBERT J., Instructor of Management Information Systems (2002), B.S., MBA (Boston College)

TALBERT, STEVEN, Assistant Professor of Nursing (2007), B.S.N., M.S.N., Ph.D. (University of Kentucky)

TAMASAN, ALEXANDRU, Associate Professor of Mathematics (2005), B.S., M.S., Ph.D. (University of Washington)

TAN, HUA XIANG, Professor of Theatre (1997), B.A., M.F.A. (Utah State University)

TAPPEN, MARSHALL, Associate Professor of Electrical Engineering and Computer Science (2006), B.S., M.S., Ph.D. (Massachusetts Institute of Technology)

TARTT, KAI, Instructor of Spanish (2007), B.A., M.A. (Florida State University)

TATARI, OMER, Assistant Professor of Civil, Environmental, and Construction Engineering (2011), B.S., M.S., Ph.D. (University of Maryland)

TATULIAN, SUREN, Associate Professor of Physics (2001), M.S. (University of Yerevan)

TAUB, GORDON, Associate Professor, College of Education & Human Performance (1999), B.A., M.Ed., Ph.D. (University of Florida)

TAYLOR, JENNIFER, Lecturer of Writing & Rhetoric (2012), B.A., M.A., Ph.D. (Tulane University)

TAYLOR, ROSEMARY, Professor, College of Education & Human Performance (2000), B.A., M.Ed., Ed.S., Ph.D. (Georgia State University)

TELEP, PETER, Associate Lecturer of English (1998), B.A., M.A. (University of Central Florida)

TERRY, MICHAEL, Instructor of Hospitality Management (2006), B.S., M.B.A. (Southern Illinois University)

TESONE, DANA, Professor of Hospitality Management (2001), B.S., M.S., M.B.A., Ph.D. (Nova Southeastern University)

TETER, KENNETH, Associate Professor (2003), Ph.D. (University of California)

THAXTON, TERRY A., Associate Professor of English (2002), B.A., M.A., M.F.A. (Vermont College)

THEEN, TERRELL, Instructor of SVAD (2000), B.A., M.S. (Indiana University)

THOMAS, JAYAN, Assistant Professor of Nanoscience and Technology and Secondary Joint Assistant Professor of Materials Science and Engineering (2011), Ph.D. (Cochin University of Science and Technology)

THOMAS, KEVIN, Instructional Specialist (2013), M.S. (University of Central Florida)

THOMAS, PAMELA S., instructor of Biology (2000), B.S., M.S. (University of Central Florida)

THOMPSON, BRENDA, Faculty Administrator, College of Education & Human Performance (2006), B.S., M.Ed., Ed.D. (Virginia Polytechnic Institute and State University)

THOMPSON, WILLIAM J., Undergraduate Coordinator, Associate Professor of Engineering (1995), B.S., M.S.E., Ph.D. (Arizona State University), P.E. (Florida)

TOBIN, ROBERT, Instructor of Music (2002), B.M., M.M. (Indiana University)

TIAN, YU, Assistant Professor of Accounting (2011), B.A., M.S., Ph.D. (University of South Carolina)

TIRADO-GONZALEZ, ALFREDO, Assistant Professor of Emergency Medicine (2013), M.D. (University of Puerto Rico)

TOBIAS, SCOTT, Assistant Professor of Management (2011), B.M., M.M., D.M.A (University of Georgia)

TODD, ANDREW D., Assistant Librarian (2004), B.S.N., M.A.L.I.S. (University of South Florida)

TOLLEFSON, KRISTINA, Associate Professor of Theatre (2000), B.A., M.A., Ph.D. (University of British Columbia)

TONG, MIN, Assistant Librarian (2008), B.A., M.A., L.I.S. (University of Central Florida)

TOPPING, DANIEL, Assistant Professor of Clinical Sciences (2013), M.D. (University of Florida)

TORES, EDWIN, Assistant Professor of Hospitality Management (2012), B.S., B.S.A., M.S., Ph.D. (Purdue University)

TOVIBIS, ALEXANDER, Professor of Mathematics (1996), M.S., Ph.D. (University of Voronezh)

TOYNE, J. MARLA, Assistant Professor of Anthropology (2011), B.A., M.A. Ph.D. (Tulane University)

TRENTA, SHANE, Visiting Instructor, College of Education & Human Performance (2012), B.A., M.A. (University of Central Florida)

TRIPP, MARY, Instructor of Writing & Rhetoric (2010), B.A., M.A., Ph.D. (University of Central Florida)

TROMPETER, GREGORY M., Chairholder, C.G. Avery Professorship, Professor of Accounting (2008), B.S., M.B.A., Ph.D. (University of Wisconsin)

TROUWAND, DAWN, Professor of English (1997), B.A., M.A., Ph.D. (Rice University)

TUCKER, JENNIFER, Lecturer of Physical Therapy (2008), B.S., M.S., D.P.T. (University of Southern California)

TURCU, ANCA, Instructor of Political Science (2010), B.A., M.A., Ph.D. (University of Texas at Dallas)

TURGUT, DALMA, Associate Professor of Electrical Engineering and Computer Science (2002), B.S., M.S., Ph.D. (University of Texas at Arlington)

TURKOWSKI, VOLODYMYR, Assistant Research Professor of Physics (2005), Ph.D. (Highest Attestation Ukraine, UKR)

TURNOFF, DAWN, Instructor, College of Nursing (2013), B.S.N., M.S.N. (University of Central Florida)

TWEED, MEREDITH, Instructor of Women’s Studies (2011), B.A. (University of Central Florida)

UNDERBERG, NATALIE, Associate Professor of SVAD (2004), B.A., M.A., Ph.D. (Indiana University)

UNDERWOOD, NORA, Instructor of Economics (2003), B.A., Ph.D. (University of California, Davis)

UNRUH, LYNN Y., Professor of Health Management & Informatics (2000), R.N., B.S.N., M.A., Ph.D. (University of Notre Dame)

UrIBE-ROMO, FERNANDO J., Assistant Professor of Chemistry (2013), B.S., Ph.D. (University of California Los Angeles)

UTT, HAROLD A., JR, Assistant Professor of Communication Sciences and Disorders (1981), B.S., M.S., Ph.D. (Florida State University)

Utino, Laurie, Lecturer of English (2009), B.S., M.F.A. (University of Central Florida)

VAADKEPATT, GAUTHAM, Assistant Professor of Marketing (2010), B.Tech., M.E., M.S., Ph.D. (Texas A&M University)

VAINYANATHAN, RAJAN, Associate Professor of Materials Science and Engineering (2001), Ph.D. (Massachusetts Institute of Technology)

VAJRAVELU, KUPPALAPALLE, Professor of Mathematics and Mechanical and Aerospace Engineering (1984), B.A., M.S., Ph.D. (Indian Institute of Technology)

VAJRAVELU, RANI, Associate Lecturer of Biology (1999), B.S., M.S., Ph.D. (University of Madras)

VALDEZ, ANNA, Instructor, College of Education & Human Performance (2006), B.S., M.A. (University of Central Florida)

VALDEZ, CARLOS, Lecturer of Marketing (2005), B.S., M.B.A., Master in Marketing, Ph.D. (Tecnologico de Monterrey at Monterey Mexico)

VAN DEMARK, CHERYL, Visiting Instructor, College of Education & Human Performance (2010), B.A., M.S., Ed.D. (University of Central Florida)


VAN NIEKERK, MATHILDA, Assistant Professor of Hospitality Management (2012), B.A., B.A. (Hons), M.A., Ph.D. (North-West University in South Africa)

VAN STRYLAND, ERIC W., Professor of Optics, Physics, & ECE (1987), M.S., Ph.D. (University of Arizona)

VANRYCKEGHEM, MARTINE, Professor of Communication Sciences and Disorders (1994), B.S., M.S., Ph.D. (Southern Illinois University)

VARCHOLIK, PAUL, Research Associate Prof. (2011), B.A., M.S. Ph.D. (University of Central Florida)

VASQUEZ, ELEAZAR, Assistant Professor, College of Education & Human Performance (2005), B.A., M.A., Ph.D. (University of Texas at Dallas)

VASQUEZ, JOSEPH PAUL, Lecturer of Political Sciences (2011), B.A., M.A., Ph.D. (University of Notre Dame)

VASU, SUBITH, Assistant Professor of Mechanical and Aerospace Engineering (2012), B.Tech., M.Tech., Ph.D. (Stanford University)

VEIT, MARCIA R., Instructor of Accounting (1979), B.A., M.B.A. (University of Arizona)

VELISSARIS, CHRISTOS, Lecturer of Physics (2006), M.S., Ph.D. (University of Rochester)

VENECZEK, JOHN T., Assistant Librarian (2008), B.A., M.A., L.I.S. (University of Illinois)

VERDUIN, MARCY, Visiting Assistant Professor of Music (2011), B.A., M.A., Ph.D. (University of Central Florida)

VERITY, NICOLE, Visiting Instructor (2007), M.D. (University of Florida)

VERITY, NICOLE, Instructor of Spanish (2013), M.A., Ph.D. (University of Central Florida)
Professor, College of Education & Human Institute, Moscow)
(2013), Ph.D., D.Sc. (Lebedev Physical
21st Century Scholar Chair, Professor of
VODOPYANOV, KONSTANTIN,
VITANOVA, GERGANA,
(2011), B.S., M.Ed., Ed.D. (University of
CELESTINO A.,
Florida
(2001), B.S., M.B.A. (University of Central
of Management
of Spanish
University)
von KALM, LAURENCE H.,
Tennessee)
VITTEL, M. ELLIOTT,
Interim Vice Provost and Dean, Undergraduate Studies and Associate Professor of Political Science
(1983), B.A., M.A., Ph.D. (University of Massachusetts)
VODOPOYANOVA, KONSTANTIN,
21st Century Scholar Chair, Professor of
VON HOLLE, MARY B.,
Associate Professor of Biology
von KALM, LAURENCE H.,
Interim Chair and Associate Professor of Biology
VOSOGUHI, AZADEH,
Associate Professor of Electrical and Computer Engineering
VOSS, KIMBERLY W.,
Associate Professor of Communication
(2009), B.A., M.A., Ph.D. (University of Maryland)
WAESCHE, JESSICA,
Lecturer, 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)
WALSH, 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. (Aguinas College)
WALTERS, LINDA J.,
Director for the Women’s Research Center, Professor of Biology, and University Pegasus Professor
(1996), B.S., M.S., Ph.D. (University of South Carolina)
WALTERS, LORI,
Assistant Professor of History
(2003), B.A., M.A., Ph.D. (Florida State University)
WALTON, DEERDA,
Electronic Resources Librarian, College of Medicine
(2009), M.L.S. (Texas Woman’s University)
WALKER, THERESA 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,
Assistant Professor of Electrical and Computer Engineering
(2010), B.E., M.S., Ph.D. (University of Illinois at Urbana-Champaign)
WANG, JUN,
Associate Professor of Electrical and Computer Engineering
(2006), B.S., M.D., Ph.D. (University of Cincinnati)
WANG, MORGAN CHUNG-CHING,
Professor of Statistics
(1991), B.S., M.S., Ph.D. (Iowa State University)
WANG, YOUCHENG,
Associate Dean of Academic Affairs and Research, Professor of Hospitality Management
(2003), M.A., O.P., M.S., Ph.D. (University of Illinois at Urbana-Champaign)
WANG, ZE,
Assistant Professor of Marketing
(2010), B.B.A., Ph.D. (Kansas University)
WARD, CHRISTOPHER,
Visiting Instructor, College of Education & Human Performance
(2011), B.S., Ph.D. (University of Washington)
WARDLE, ELIZABETH,
Professor and Chair of Writing & Rhetoric
(2008), B.A., M.A., Ph.D. (Iowa State University)
WARRFIELD, SCOTT,
Associate Professor of Music
(2002), B.M.E., Ph.D. (University of North Carolina at Chapel Hill)
WARING, SCOTT,
Associate Professor, College of Education & Human Performance
(2005), B.A., M.A., Ph.D. (University of Virginia)
WATKINS, R. CORY,
Coordinator of Undergraduate Studies, Internship Coordinator, and Associate Professor of Criminal Justice
(1998), B.S., M.S., Ph.D. (University of Cincinnati)
WEAVER, DEBORAH,
Instructor of Writing & Rhetoric
(2004), B.A., M.A. (University of Central Florida)
WEAVER, EARL D.,
Associate Professor of Theatre
(2003), B.A., M.F.A. (California, Irvine)
WEAVER, RON,
Research Associate, FIEA
WEAVER, WILLIAM C.,
Associate Professor of Real Estate
(1990), B.S., M.B.A., Ph.D. (Georgia State University)
WEBSTER, DANIELLE,
Lecturer of Health Sciences
(2012), Ph.D. (University of Georgia)
WEEKS, ARTHUR,
Associate Professor of Electrical and Computer Engineering
(2001), B.S., M.S., Ph.D. (University of Central Florida)
WEGGER, HARRY,
Associate Professor of Communication
(2005), B.A., M.A., Ph.D. (University of Arizona)
WEI, LEI,
Associate Professor of Electrical and Computer Engineering
(2001), B.S., M.S., Ph.D. (University of South Australia)
WEISHAMPEL, JOHN,
Professor of Biology
(1995), B.S., M.A., Ph.D. (University of Georgia)
WELCH, GREGORY,
Professor, College of Nursing
(2013), B.A., M.S., Ph.D. (University of North Carolina at Chapel Hill)
WELCH, JUDITH K.,
Associate Professor of Accounting
(1988), B.A., M.B.A., Ph.D. (Florida State University)
WENTZEL, TAYLOR,
Instructor, College of Education & Human Performance
WERMUCHUK, GEORGE,
Associate Professor of Music
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.S., M.B.A., Ph.D. (Texas A&M University)
WHEELER, SANDRA,
Lecturer of Anthropology
(2011), Ph.D. (University of Western Ontario)
WHITE, GRACE,
Lecturer of Psychology
(2011), Ph.D. (University of Iowa)
WHITE, ROSEANN S.,
Professor Emerita, and Associate Director of Burnett School of Biomedical Sciences
(1998), Ph.D. (University of Texas S.W. Medical School)
WHITE, VIBERT L.,
Associate Professor of History
(2003), B.A., M.A., Ph.D. (Ohio State University)
WHITEMAN, JOANN,
Instructor, College of Education & Human Performance
WHITESIDE, JANET,
Assistant Lecturer and Clinical Educator of Communication Sciences and Disorders Clinic
(2001), B.A., M.A., Ph.D. (Indiana University)
WHITING, KARIN,
Visiting Instructor of Electrical Engineering and Computer Science
(2011), M.S. (Bellows University)
WHITNEY, PREMILA,
Instructor of Hospitality Management
(2010), B.S., M.A. (Webster University)
WHITTEN, SHANNON N.,
Lecturer of Psychology
(2002), B.A., M.S., Ph.D. (University of Memphis)
WHYTE, ANN MARIE,
Associate Professor of Finance
(1998), B.S., M.B.A., Ph.D. (Florida Atlantic University)
WILKINSON, MICHAEL,
Assistant Professor of Music
WILLIAMS, KARRIJI, FJELDHEIM,
Associate Professor, College of Education & Human Performance
(1984), B.S., M.Ed., Ph.D. (University of Arizona)
WILLIAMS, LANA,
Lecturer of Anthropology
(2012), Ph.D. (University of Western Ontario)
WILSON, BRUCE M.,
Professor of Political Science
(1998), B.A., M.A., Ph.D. (Washington University in St. Louis)
WILSON, KATHERINE,
Chef Instructor of Hospitality Management
(2012), B.S., M.H.M. (University of Houston)
WINK, DIANE M.,
Professor, College of Nursing
WINLKER, ISABELL,
Research Associate of Psychology
(2013), Ph.D. (University of Chemnitz)
WINTON, MARK A.,
Lecturer of Criminal Justice
(2001), B.A., M.A. (2), Ph.D. (University of Connecticut)
WISE, WILLIAM,
Associate Faculty, College of Education & Human Performance
WITHERS, JACQUELINE,
Field Education Coordinator and Instructor of Social Work
(2008), B.S., M.S.W. (Florida State University)
WITTA, ELEANOR L., Associate Professor, College of Education & Human Performance (1999), B.A., Ed.D., Ph.D. (Virginia Polytechnic Institute)

WOCjan, PAWel, Associate Professor of Electrical Engineering and Computer Science (2008), B.S., M.S., Ph.D. (University of Karlsruhe)

WOLCOTT, LESLIE, Instructor of Writing & Rhetoric (2012), B.A., M.A. (University of Nevada, Reno)

WOLF, ROSS A., Associate Professor of Criminal Justice (1999), B.A., M.P.A., Ed.D. (University of Central Florida)


WORLD, WANDY, Associate Professor of Theatre (2003), B.F.A., M.F.A. (University of North Carolina, Greensboro)

WORKMAN, KARISA K., Instructor of Communication (1999), B.A., M.A. (Southern Nazarene University)

WORREll, L. TIMOTHY, Instructor of Health Sciences (1970), R.R.T., B.S., M.P.H. (University of Central Florida)

WOrrTHY, GRAHAM A. J., Provost Distinguished Research Professor and Professor of Biology (2001), B.S., M.S., Ph.D. (University of Guelph, Canada)

WRIGHT, CHRYSALIS, Lecturer of Psychology (2011), Ph.D. (Florida International University)

WRIGHT, JAMES D., Provost Distinguished Research Professor, Professor of Sociology, and University Pegasus Professor (2001), B.A., M.S., Ph.D. (University of Wisconsin)

WRIGHT, JEFFREY, T., Instructor of Writing & Rhetoric (2011), B.A., M.A. (Southern Illinois University)

WU, ANNIE S., Associate Professor of Mechanical & Aerospace Engineering (1999), B.S., M.S.E., Ph.D. (University of Michigan)

WU, SHIN-TSONg, Pegasus Professor of Optics & ECS (2001), Ph.D. (University of Southern California)

WU, THOMAS X., Professor of Electrical and Computer Engineering (1999), B.S., M.S., Ph.D. (University of Pennsylvania)

WYATT, MARY E., Associate Professor of SWAD (1999), B.D.A.E., M.F.A. (Florida State University)

XANTHOPoulos, PETROS, Assistant Professor of Industrial Engineering (2011), B.S., M.S., Ph.D. (University of Florida)

Xu, LIHUA, Instructor/Coordinator, College of Education & Human Performance (1999), B.A., M.A., Ph.D. (Oklahoma State University)

Xu, YUNJUN, Associate Professor of Mechanical and Aerospace Engineering (2008), B.S., M.S., Ph.D. (University of Florida)

YAN, XIN, Professor of Statistics (2011), B.S., M.S., Ph.D. (University of California, Davis)

YE, JINGDONG, Assistant Professor of Computer Science (2008), B.S., Ph.D. (University of Chicago)

YEGIDIS, BONNIE, Director of School of Social Work and Professor of Social Work (2013), B.A., M.S.W., Ph.D. (University of South Florida)

YESTREBSKY, CHERIE L., Professor of Chemistry (1996), B.S., Ph.D. (University of South Florida)

YONETANI, AYAKO, Professor of Music (1993), B.M., M.M., D.M.A. (Juilliard School of Music)

YONG, JIONGMIN, Professor of Mathematics (2003), B.S., M.S., Ph.D. (Purdue University)

YOUNG, BETH RAPP, Associate Professor of English (1997), B.A., M.A., Ph.D. (University of Southern California)

YOUNG, CYNTHIA, Associate Dean of College of Sciences and Professor of Mathematics (1997), B.A., M.S., Ph.D. (University of Washington)

YOUNG, DAVID O., Instructor of Communication (2002), B.A., M.F.A. (University of California)

YOUNG, MARK, Professor, College of Education & Human Performance (1990), B.A., M.S., Ph.D. (Miami University)

YUAN, JIANN S., Professor of Electrical and Computer Engineering (1989), B.S.E., M.S.E., Ph.D. (University of Southern California)

YUAN, YU, Assistant Professor of Chemistry (2012), Ph.D. (Princeton University)

YUN, HAE-BUM, Assistant Professor of Civil, Environmental, and Construction Engineering (2010), B.S., M.S., Ph.D. (University of Southern California)

ZAHO, PATRICK, Emeritus, College of Education & Human Performance (1978), B.S., M.S., Ed.D. (Indiana University at Bloomington)

ZARO, BETH, Professor Emeritus of Psychology (1983), B.S., M.S., Ph.D. (University of Wisconsin)

ZELDOVICH, BORIS, Professor of Optics and Physics (1984), D.Sc. (Lebedev Physics Institute)

ZEMLANSKY, PAVL, Associate Professor of Writing & Rhetoric (2011), B.A., M.A., Ph.D. (Florida State University)

ZERVOs, TONY, Professor (1999), Ph.D. (University of London)

ZHAI, LEI, Associate Professor of Nanoscience Technology and Joint Associate Professor of Chemistry and Secondary Joint Associate Professor of Materials Science and Engineering (2005), B.S., M.S., Ph.D. (Carnegie Mellon University)

ZHANG, HONG, Associate Professor of History (1996), B.A., M.A., Ph.D. (University of Arizona)

ZHANG, NING, Associate Professor of Doctoral Program in Public Affairs (2003), M.P.H., Ph.D., M.D. (Virginia Commonwealth University/Medical College of Virginia, Shandong Medical University)

ZHANG, SHAOJIE, Assistant Professor of Electrical Engineering and Computer Science (2008), B.S., M.S., Ph.D. (University of California, San Diego)

ZHANG, YING, Associate Librarian (1996), B.A., M.A.L.I.S. (University of South Florida)

ZHAO, JIHE, Associate Professor (2010), Ph.D. (Tohoku University)

ZHAO, KUN, Assistant Research Professor of Physics (2001), Ph.D. (University of Maryland)

ZHAO, YUE, Professor of Mathematics (1999), B.S., M.S., Ph.D. (Ohio State University)

ZHENG, QIPENG, Assistant Professor of Industrial Engineering (2013), B.S., M.S., Ph.D. (University of Michigan)

ZHIMUDSKYY, OLEKSANDR, Lecturer of Physics (2009), B.A., M.S., Ph.D. (Kyiv State University, Ukraine)

ZOU, CLIFF, Associate Professor of Electrical Engineering and Computer Science (2005), B.S., M.S., Ph.D. (University of Massachusetts)

ZOU, SHENGLI, Associate Professor of Chemistry (2000), B.A., M.S., Ph.D. (Emory University)

ZUGELDER, BRYAN, Executive Director of Undergraduate Affairs & Partnerships, College of Education & Human Performance (2005), B.S., M.S., Ed.D. (Nova Southeastern University)

ZYGORIUS-COE, VICKY, Associate Professor, College of Education & Human Performance (1999), B.S., M.A. Ed.D. (University of London)
### UCF Administrative Officers and Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Torrés, Chanda,</strong></td>
<td>Assistant Vice President, Student Development and Enrollment Services (2012), B.S., M.A., Ed.D. (University of Central Florida)</td>
</tr>
<tr>
<td><strong>Trees, Diane,</strong></td>
<td>Associate Vice President, Community Relations and Metropolitan Center for Regional Studies (1994), B.S., B.S.N., M.S. (University of Central Florida)</td>
</tr>
<tr>
<td><strong>Trivedi, Shreya,</strong></td>
<td>University Ombuds Officer (2011), B.A. (University of Central Florida)</td>
</tr>
<tr>
<td><strong>Vaidyanathan, Pallavoor N.</strong></td>
<td>Assistant Vice President for Research (1999), B.S., B.E., M.Sc., M.B.A. (University of Florida)</td>
</tr>
<tr>
<td><strong>Vittes, M. Elliot,</strong></td>
<td>Interim Vice Provost and Dean, Undergraduate Studies and Associate Professor of Political Science (1983), B.A., M.A., Ph.D. (University of Massachusetts)</td>
</tr>
<tr>
<td><strong>Walton, Roxane,</strong></td>
<td>Director, Human Resources (2002), B.S. (Stetson University)</td>
</tr>
<tr>
<td><strong>Wang, Alvin Y.</strong></td>
<td>Dean of Burnett Honors College and Professor of Psychology (1987), B.A., Ph.D. (State University of New York at Stony Brook)</td>
</tr>
<tr>
<td><strong>Wang, Wei,</strong></td>
<td>Assistant Professor of Psychology (2013), B.S., M.A., M.S., Ph.D. (University of Illinois, Urbana-Champaign)</td>
</tr>
<tr>
<td><strong>Watson, Montel J.,</strong></td>
<td>Director, Resources Management (1994), B.A., M.B.A. (Loyola University of Chicago)</td>
</tr>
<tr>
<td><strong>Weidman, Diana,</strong></td>
<td>Director, Transition Services (1984), B.S., M.A., Ed.D. (University of Central Florida)</td>
</tr>
<tr>
<td><strong>Welch, Kerry,</strong></td>
<td>Associate Vice President, Student Development and Enrollment Services (2004), B.A., M.A., Ed.D. (University of Cincinnati)</td>
</tr>
<tr>
<td><strong>Wilkening, James,</strong></td>
<td>Director, Recreation and Wellness Center (1992), B.S.B.A., M.A.T. (University of Louisville)</td>
</tr>
<tr>
<td><strong>Winter, Debra Y.,</strong></td>
<td>Director, Office of Graduate Financial Assistance and Publications (1996), B.A., M.A., Ph.D. (University of Central Florida)</td>
</tr>
<tr>
<td><strong>Wright, Jennifer,</strong></td>
<td>Director, Integrity and Ethical Development (2002), A.A.S., B.S.B.A, M.A. (Appalachian State University)</td>
</tr>
<tr>
<td><strong>Yackelko, Robert,</strong></td>
<td>Director, Computer Services and Telecommunications (2004), B.S., M.Ed., (Pennsylvania State University)</td>
</tr>
<tr>
<td><strong>Young, Denise L.,</strong></td>
<td>Associate Vice President and Director UCF Cocoa and UCF Palm Bay (1990), B.A., M.S.W., Ph.D. (University of Michigan)</td>
</tr>
</tbody>
</table>

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**UCF Administrative Officers and Staff**
## HONORARY DEGREES AWARDED

<table>
<thead>
<tr>
<th>Date</th>
<th>Name and Title</th>
<th>Date</th>
<th>Name and Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 1974</td>
<td>Louis C. Murray, Doctor of Public Service</td>
<td>April 1996</td>
<td>Nicolaas Bloembergen, Doctor of Science</td>
</tr>
<tr>
<td>August 1978</td>
<td>Richard F. Livingston, Doctor of Business Administration</td>
<td>May 1997</td>
<td>Maxwell C. King, Doctor of Public Service</td>
</tr>
<tr>
<td>July 1983</td>
<td>Andrew Duda, Jr., Doctor of Agricultural Service</td>
<td>December 2002</td>
<td>Joseph F. Traub, Doctor of Science</td>
</tr>
<tr>
<td>December 1983</td>
<td>Ferdinand Duda, Doctor of Agricultural Service</td>
<td>December 2004</td>
<td>LeRoy T. Walker Sr., Doctor of Public Service</td>
</tr>
<tr>
<td>December 1984</td>
<td>John Duda, Doctor of Agricultural Service</td>
<td>May 2002</td>
<td>James Bacchus, Doctor of Public Services</td>
</tr>
<tr>
<td>May 1985</td>
<td>Mary Jo Davis, Doctor of Public Service</td>
<td>October 2002</td>
<td>May 2011</td>
</tr>
<tr>
<td>December 1987</td>
<td>Charles Wadsworth, Doctor of Public Service</td>
<td>May 2005</td>
<td>G. Vince Amico, Doctor of Science</td>
</tr>
<tr>
<td>May 1988</td>
<td>George J. Becker, Jr., Doctor of Public Service</td>
<td>December 2006</td>
<td>Harriet Elam-Thomas, Doctor of Public Service</td>
</tr>
<tr>
<td>October 1990</td>
<td>Isaac Bashevis Singer, Doctor of Letters</td>
<td>December 2012</td>
<td>Howard Lance, Doctor of Science</td>
</tr>
<tr>
<td>May 1996</td>
<td>James C. Robinson, Doctor of Public Service</td>
<td>May 2013</td>
<td></td>
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<tr>
<td>May 1997</td>
<td>Charles N. Millican, Doctor of Laws</td>
<td>May 2013</td>
<td></td>
</tr>
<tr>
<td>May 1998</td>
<td>Helen Harris Perlman, Doctor of Humane Letters</td>
<td>May 2013</td>
<td></td>
</tr>
<tr>
<td>May 1999</td>
<td>Thaddeus Seymour, Doctor of Letters</td>
<td>May 2013</td>
<td></td>
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<tr>
<td>May 2000</td>
<td>Roald Hoffman, Doctor of Science</td>
<td>May 2013</td>
<td></td>
</tr>
<tr>
<td>May 2002</td>
<td>Buell G. Duncan, Jr., Doctor of Commercial Science</td>
<td>May 2013</td>
<td></td>
</tr>
</tbody>
</table>
A.: associate in arts degree. A degree designed for transfer to an upper division college or university. A Florida A.A. degree satisfies General Education (GEP) at all Florida SUS Schools.

Accreditation: certification that the college/school or program has met established standards and is nationally recognized by appropriate accrediting agencies.

ACT: American College Testing program is used for undergraduate admission purposes.

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.

ASSA: 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.sdes.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.

Cl: consent of instructor.

Class Schedule Search: a component of the online myUCF system (at 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 and a 4-digit number and when necessary a one-letter laboratory (L) or lecture/laboratory (G) 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 GPA during the subsequent term. A student who is disqualified may not enroll at the University for two UCF GPA during the subsequent term. A student who is disqualified may not enroll at the University for two academic years. 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 academic years.

Disqualification: 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/ 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 re-admission 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.
UCF Glossary

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: a student requires to raise his or her UCF cumulative credit hours earned with a “B” (3.0 GPA) grade that only, this term is defined as the number of UCF academic career). At UCF (may be used only twice in the student’s 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/student 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 UCF of GPA 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 will also 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.)

Second Bachelors Degree: awarded when the student meets the requirements for both degrees and earns a minimum of 150 credit hours.

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 regionally-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.

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.
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