

# UCF Degree Programs

**Environmental Studies (B.S.)**  
**College of Undergraduate Studies**  
**Office of Interdisciplinary Studies,**  
**Classroom I, Room: 302**  
<http://is.ucf.edu>  
**Email: is@ucf.edu**  
 407-823-0144

The Environmental Studies degree 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 Environmental 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 Environmental Studies degree as a double degree, double major, or second degree, must complete all advanced level core requirements and restricted electives 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)**

- A: Communication Foundations (9 hrs)**  
**B: Cultural & Historical Foundations (9 hrs)**  
**C: Mathematical Foundations (6 hrs)**  
<sup>1</sup> Required MAC 1105C College Algebra 3 hrs  
 Required STA 2023 Statistical Methods I 3 hrs

<sup>1</sup> may take a higher level math course

- 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)**

- 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  
 STA 2023 Statistical Methods I GEP

- select one of the following: 3 hrs**  
 GLY 2038 Environmental Geoscience or 3 hrs  
 PHY 1038 Physics of Energy and the Environment or 3 hrs  
 PSC 1121 Physical Science 3 hrs

**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  
 GIS 4301C Advanced GIS Applications in Environmental Studies 4 hrs  
 PUP 3203 Environmental Politics 3 hrs  
 SYD 4510 Environment and Society 3 hrs

**5. Restricted Electives (18 hrs)**

- Students will complete one of the concentrations listed below. Each concentration requires a minimum of eighteen credit hours. A student completing the Environmental Studies core can reasonably expect to meet entry requirements for most electives listed.
- Select eighteen hours in one concentration.

**Science Concentration**

- BCH 4053 Biochemistry I 3 hrs  
 BCH 4054 Biochemistry II 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  
 CHM 3120 Analytical Chemistry 3 hrs  
 OCE 3008 Oceanography 3 hrs  
 PCB 3063 Genetics 3 hrs  
 PCB 3442 Aquatic Ecology 3 hrs  
 PCB 4683 Evolutionary Biology 4 hrs  
 PCB 4723 Animal Physiology 4 hrs  
 ZOO 4910L Research Experience in Animal Behavior in a Zoo Environment 1 hr

**Values, Planning, & Policy Concentration**

- ANT 3541 Biobehavioral Anthropology 3 hrs  
 ANT 4051 Environmental Anthropology 3 hrs  
 BOT 3802 Ethnobotany 3 hrs  
 ECP 4303 Environmental and Natural Resource Economics 3 hrs  
 ENC 3241 Writing for the Technical Professional 3 hrs  
 ENC 4360 Nature Writing 3 hrs  
 INR 4351 International Environmental Law 3 hrs  
 PAD 3330 Urban and Regional Planning 3 hrs  
 PAD 4351 Issues in Environmental Program Management 3 hrs  
 PHI 3033 Philosophy, Religion, and the Environment 3 hrs  
 PHI 3640 Environmental Ethics 3 hrs  
 PHI 4400 Philosophy of Science 3 hrs  
 PHM 4031 Environmental Philosophy 3 hrs  
 PLA 4554 Environmental Law 3 hrs  
 PUP 3204 Sustainability 3 hrs  
 PUP 4209 Urban Environmental Policy 3 hrs

**6. Capstone Requirements (3 hrs)**

- The Capstone course is taken in the Senior year.  
 IDS 4893 Capstone in Environmental Studies 3 hrs

**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 year of college instruction in a foreign language. Standardized examinations for foreign languages may be used to meet the requirement.

**8. Electives**

- Select primarily from upper level courses, with adviser approval.

**9. Additional Requirements**

- None

## UCF Degree Programs

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### 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.

### 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.oas.ucf.edu/alc/academic\\_learning\\_compacts.htm](http://www.oas.ucf.edu/alc/academic_learning_compacts.htm)