

UCF Degree Programs

Environmental Studies (B.S.)
College of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
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 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)
¹ Required MAC 1105C College Algebra	3 hrs
Required STA 2023 Statistical Methods I	3 hrs

¹ 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 or	GEP
MAC 1105C College Algebra or	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 or	GEP
BSC 2011C Biology II or	4 hrs
PCB 3044 Principles of Ecology or	3 hrs
PCB 3044L Principles of Ecology Laboratory	1 hr

Social Science & Humanities

SYG 2000 Introduction to Sociology or	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 4xxx 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

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/aic/academic_learning_compacts.htm