Environmental Studies (B.S.)
College of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
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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.
UCF Degree Programs

- 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)
- Required: BSC 2010C  Biology I  4 hrs
- Required: CHM 2045C  Chemistry Fundamentals I  4 hrs
- Required: MAC 1105C  College Algebra  3 hrs
- Required: STA 2023  Statistical Methods I  3 hrs

B: Cultural & Historical Foundations (9 hrs)
- Required: ECO 2023  Principles of Microeconomics  3 hrs
- Required: PHI 3640  Environmental Ethics  3 hrs
- Required: PHI 3033  Philosophy, Religion, and the Environment  3 hrs
- Required: PHI 4400  Philosophy of Science  3 hrs
- Required: PHM 4031  Environmental Philosophy  3 hrs
- Required: PHI 3033  Philosophy, Religion, and the Environment  3 hrs
- Required: STA 2023  Statistical Methods I  3 hrs

C: Mathematical Foundations (6 hrs)
- Required: MAC 1105C  College Algebra  3 hrs
- Required: STA 2023  Statistical Methods I  3 hrs

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 4 hrs
- MAC 1105C  College Algebra  GEP 3 hrs
- STA 2023  Statistical Methods I  GEP 3 hrs

select one of the following:
- 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 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 3 hrs
- ECO 2023  Principles of Microeconomics  GEP 3 hrs

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 4553  Biochemistry I  3 hrs
- BCH 4554  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
- ECO 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
- Graduation

- Electives

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

9. Additional Requirements

- None

10. Required Minors

- None

11. Departmental Exit Requirements

- A grade of “C” or above (2.0) is required for each course taken in the subject areas and core.
- Computer Competency is met by completing this major.

12. University Minimum Exit Requirements

- Two years of high school, or one year college language (or equivalent proficiency exam) prior to graduation

- A minimum of 48 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

- None

Advising Notes

- None
UCF Degree Programs

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.oeas.ucf.edu/alc/academic_learning_compacts.htm