BACHELOR OF SCIENCE
ENVIRONMENTAL SCIENCE

PROGRAM HIGHLIGHTS

- Professional development through Global Information Systems (GIS) undergraduate certificates.
- Practical degree with competencies in natural resource management, conservation, and environmental protection.
- Focus on contemporary environmental challenges: develop an appreciation for social, political, and ethical dimensions of these issues.

PROGRAM AT A GLANCE

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<th>IN STATE</th>
<th>OUT OF STATE</th>
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<tr>
<td>120 CREDIT HOURS</td>
<td>$212.28 per credit hour</td>
<td>$748.89 per credit hour</td>
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PROGRAM CONTACT

College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
cugids@ucf.edu

APPLICATION DEADLINES

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<tr>
<th>FRESHMAN</th>
<th>TRANSFER</th>
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<tr>
<td>FALL</td>
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<tr>
<td>MAY 1</td>
<td>JULY 1</td>
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<td>SPRING</td>
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<td>NOVEMBER 1</td>
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<td>SUMMER</td>
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<td>MARCH 1</td>
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Navigation deadlines subject to change; see undergraduate catalog for up-to-date deadlines.

http://www.ucf.edu/catalog

Navigate Change. Manage Resources.
Secure a sustainable future.

As the planet changes and resources dwindle, our communities look to individuals who can skillfully navigate these obstacles—professionals with the breadth of knowledge required to coordinate the efforts, craft communications, and understand infrastructure needs to secure our future.

Offered by the College of Undergraduate Studies, a B.S. in Environmental Science will provide you with the knowledge and skills you will need to protect the environment and human health whether your career takes you into government, the private sector, or a non-profit organization. Our multidisciplinary curriculum will teach you concrete skills to help you solve problems and navigate barriers in your future career. Core courses covering subjects such as ecology, project management, and sustainability will prepare you to address current and future complex environmental issues.

You’ll be prepared to work in an emerging career field focused on building a sustainable future. Additionally, you’ll gain an appreciation of the value of scientific inquiry within the context of the social, political, and ethical dimensions of environmental actions and policy decisions.

CAREER OUTLOOK

$70K/yr
Median Earnings

4,900
Annual Job Openings

6%
Job Growth Between 2022-2032
# BACHELOR OF SCIENCE
## ENVIRONMENTAL SCIENCE

### CURRICULUM

#### CORE COURSES

**Basic Environmental Science Core: Basic Level**
4 Total Credits

- PCB3044 - Principles of Ecology (3)
- PCB3044L - Principles of Ecology Laboratory (1)

**Advanced Level Environmental Studies Core**
22 Total Credits

- EVR3008 - Foundations of Environmental Studies (3)
- EVR3021 - The Science of Sustainability (3)
- EVR3085 - Interdisciplinary Research Methods for Environmental Studies (3)
- EVR4841 - Environmental Project Management (3)
- GIS3043C - GIS for Environmental Studies (3)
- GIS4301C - Advanced GIS Applications in Environmental Studies (4)

#### RESTRICTED ELECTIVES
21 Total Credits

- BCH4053 - Biochemistry (3)
- BCH4054 - Biochemistry I (3)
- BOT3802 - Ethnobotany (3)
- BOT4713C - Plant Taxonomy (5)
- BSC4322C - Advanced Marine Biology (4)
- CHM3120 - Analytical Chemistry (3)
- EVR3733 - Introduction to Sustainable Design (3)
- EVR3422 - Sustainability and Behavior (3)
- OCE3008 - Oceanography (3)
- PCB3063 - Genetics (3)
- PCB3442 - Aquatic Ecology (3)
- PCB4863 - Evolutionary Biology (4)
- PCB4723 - Animal Physiology (4)
- ISC3424 - Chemical and Life Science Nanotechnology (3)
- BOT3015 - Principles of Plant Science (3)
- BOT4223C - Plant Anatomy (4)
- BOT4282C - Plant Microtechniques (4)
- BOT4434C - General Mycology (4)
- BOT4503C - Plant Physiology (4)
- BOT4850 - Medical Botany (3)
- BSC3052 - Conservation Biology (3)
- BSC3312 - Principles of Marine Biology (3)
- BSC4330 - Invasion Biology (3)
- BSC4821 - Biogeography (4)
- BSC4861L - Urban Ecological Field Studies (3)
- CHS4615 - Environmental Chemistry (3)
- ENY3571 - Honey Bee Biology and Beekeeping (3)
- ENY4004C - General Entomology (4)
- GIS4314 - GIS Research Methods for Environmental Studies (3)
- GLY4730 - Marine Geology (3)
- GLY4734 - Coastal Processes (3)
- MCB4603 - Environmental Microbiology (3)
- PAZ4234 - Zoo and Aquarium Management (3)
- PCB3343L - Principles of Field Ecology (5)
- PCB3354 - Tropical Ecology and Conservation (3)
- PCB3355L - Tropical Marine Biology (2)
- PCB4363 - Florida Ecology, Natural History and Conservation (3)
- PCB4408 - Urban Ecology (8)
- PCB4514 - Epigenetics (3)
- PCB4684 - Population Genetics (9)
- PCB4722 - Comparative Animal Nutrition (4)
- PCB4723 - Animal Physiology (4)
- PCB4802 - Comparative Endocrinology (3)
- ZOO3454 - Ichthyology (3)
- ZOO3713 - Comparative Vertebrate Anatomy (4)
- ZOO4205C - Invertebrate Biodiversity (4)
- ZOO4310C - Vertebrate Evolution & Ecology (4)
- ZOO4462C - Herpetology (4)
- ZOO4480 - Mammalogy (4)
- ZOO4480L - Mammalogy Lab (1)
- ZOO4603C - Embryology/Development (5)
- ZOO4910L - Research Experience In Animal Behavior in a Zoo Environment (3)

#### HIGH IMPACT EXPERIENCE
3 Total Credits

Earn at least 3 credits from the following courses: undergraduate research, internship, study abroad, and service-learning high impact experience identified courses.

#### CAPSTONE
3 Total Credits

- EVR4940 - Capstone Environmental Studies (3)

### ADMISSIONS 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.)

For more information about the College of Undergraduate Studies call 407-823-0144