

# ENVIRONMENTAL STUDIES AS



## ENVIRONMENTAL STUDIES

The issues facing the environment, such as deforestation, species extinction, air and water pollution, and climate change, are complex and challenging. An education in Environmental Studies provides students with an understanding of the Earth's living and physical environment, the processes that maintain life on our planet, and the human impact on the environment. Students acquire the laboratory and analytical skills to study and solve concerns related to the local and global environments in which we live.

## Environmental Scientists and Specialists

2021 Median Salary

**\$76,530/yr**

United States Department of Labor

<https://www.bls.gov/ooh/life-physical-and-social-science/environmental-scientists-and-specialists.htm>

## Why Cayuga?

- Students obtain an understanding of basic physical and biological principles that govern natural processes
- Students learn the socioeconomic and political influences that shape our perceptions of nature and environmental issues
- Students gain an understanding of the interactions and complexities of environmental problems
  - Hands-on training in GIS technology, global positioning systems, and remote sensing using state-of-the-art GIS facilities
- Transfer into a related four-year program at a variety of universities, including SUNY ESF and SUNY Brockport



cayuga-cc.edu



# Environmental Studies AS



<i>Courses</i>	<i>Credit Hours</i>
<b>First Semester</b>	
BIOL 103 General Biology I	4
ENGL 101 Freshman English I	3
GIS 101 Foundations of Geographic Information Science	
or	
GIS 111 Introduction to Geographic Information Systems	3
BIOL 208 Introduction to Environmental Science	3
Math Elective**	3
	<b>16</b>
<b>Second Semester</b>	
BIOL 104 General Biology II	4
ENGL 102 Freshman English II	3
GIS 121 Remote Sensing and Aerial Photogrammetry	3
MATH 104 College Algebra and Trigonometry (or higher)	3
ENGL 221 Effective Speech: Public Address	
or	
ENGL 222 Effective Speech: Group Discussion	
or	
ENGL 270 Technical Writing	3
	<b>16</b>
<b>Third Semester</b>	
CHEM 103 General Chemistry I	4
BIOL 223 General Ecology	4
Liberal Arts Elective	3
Health or Physical Education	1
GIS/Science Elective***	3
	<b>15</b>
<b>Fourth Semester</b>	
CHEM 104 General Chemistry II	4
HIST 103 Pre-History and Early American History	
or	
HIST104 19 <sup>th</sup> Century American History	
or	
HIST105 America in the 20 <sup>th</sup> and 21 <sup>st</sup> Centuries	3
ECON 201 Introduction to Economics I	
or	
ECON 202 Introduction to Economics II	3
GIS/Science Elective***	3
Other World Civilizations	3
	<b>16</b>
<b>TOTAL CREDIT HOURS</b>	<b>63</b>

\*\* Math 102 or higher (MATH 112, 115, 116 or 121 will not fulfill the Math requirement)

\*\*\* BIOL 216/225/226, GIS 122/205/220, GEOL110, PHYS 103/104/200/201, CHEM 207/208

## Career Possibilities

- Wildlife Management
- Conservation Biology
- Environmental Science
  - Researcher
  - Research Assistant
- Environmental Resources Management
  - Environmental Consultant
  - Environmental Education
  - Environmental Sales
- Environmental Risk Management
- Environmental Communication
  - Environmental Technician



### Contact us for more information

#### ADMISSIONS OFFICE

admissions@cayuga-cc.edu  
www.cayuga-cc.edu/admissions  
1-866-598-8883

#### AUBURN CAMPUS

197 Franklin Street, Auburn NY 13021

#### FULTON CAMPUS

11 River Glen Drive, Fulton NY 13069

