

# ENVIRONMENTAL SCIENCE, MINOR

Environmental science is the integration of scientific knowledge from many disciplines in order to understand the interrelationships between human activities and the environment. Environmental science minors are exposed to the general principles of biology, chemistry, geology, geography, meteorology, and physics. Students learn how the interactions of all of these processes contribute to the operation of our earth system. This knowledge can prepare students for careers in water and air quality management, nature conservation, or planning for climate change.

To access Minor Requirements, please view the Curriculum Guide tab.

## Related Links

Environmental Science, Minor Program Page (<https://www.sru.edu/academics/majors-and-minors/environmental-geosciences-environmental-science/>)

Geography, Geology, and the Environment Department Page (<https://www.sru.edu/academics/colleges-and-departments/ches/departments/geography-geology-and-the-environment/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensure/>)

## Curriculum Guide

### GPA Requirement

Minor GPA: 2.0 or higher

### Minor Requirements

- Students must complete at least 6 credit hours in their minor from SRU
- A minimum of 6 credit hours must be upper division (courses numbered 300 and above)
- A minor shall be no fewer than 18 credits.

Code	Title	Hours
<b>Core Courses</b>		
EGEO 201	Earth Materials and Processes/Lab	4
EGEO 202	Earth History/Lab	4
EGEO 360	Introduction to Hydrology/Lab	3
GES 355	Earth's Changing Climate	3
Subtotal		14
<b>Electives</b>		
Select six to eight credits from the list below		6-8
Electives (p. 1)		
<b>Total Hours</b>		<b>20-22</b>

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

### Electives

Code	Title	Hours
BIOL 305	Wetlands and Aquatic Plants/Lab	3
BIOL 306	Freshwater Biomonitoring/Lab	3
BIOL 357	Environmental Microbiology with Lab	4
BIOL 401	Ecology with Lab	3
CHEM 340	Air Quality Assessment	4
CHEM 370	Water Quality Assessment	4
EGEO 327	Structural Geology	4
EGEO 340	Air Pollution Meteorology	3
EGEO 341	Geomorphology/Lab	3
EGEO 362	Stratigraphy/Lab	4
EGEO 451	Geochemistry/Lab	4
EGEO 460	Hydrogeology	3
GES 315	Cartography I	3
GES 321	Introduction to UAS for Remote Sensing and Monitoring	3
GES 324	Environmental Law and Policy	3
GES 325	Introduction to Geographic Information Science	3
GES 344	Environmental Justice	3
GES 362	Applications in Sustainability	3
GES 410	Remote Sensing	3
GES 469	Field Investigations in the Geosciences	3
or EGEO 469	Field Investigations in the Geosciences	

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

### Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

MINOR IN ENVIRONMENTAL SCIENCE (26A)

This program is effective as of Fall 2020.

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UCC 04.21.20