ENVIRONMENTAL SCIENCE, MINOR

Students pursuing degrees in biology, biochemistry, sustainability studies, or any other discipline may take a minor sequence of courses in Environmental Science in order to prepare for a career or explore an interest in addressing the relationship between humans and the environment. The minor is appropriate for individuals who wish to enhance their career prospects in government agencies, environmental law, non-profit organizations, or environmental consulting.

Standards

Students must complete all courses counted towards the Environmental Science minor with a grade of C- or higher, and a cumulative GPA of 2.0.

Advising

Because requirements for the Environmental Science minor differ based on major, students should consult with an advisor to determine the best course path.

Requirements

All students begin with introductory PHSC 105 INTRODUCTION TO ENVIRONMENTAL SCIENCE which can be taken as early as the first semester with no prerequisites. All students end with the capstone course, 3 credit hours of independent research, or 3 credit hours of discipline-related internship. At least one course taken must be a lab course. Independent research may fulfill this requirement.

Students who have transferred eligible courses from another institution may earn a minor in Environmental Science by completing at least three additional courses totaling at least 9 credit hours at Roosevelt University, and at least five eligible courses and 15 credit hours overall.

Students must take at least one course from 3 of the following 4 subject areas (biology, environmental chemistry, physical science and quantitative methods).

Code	Title	Credit Hours
Introductory Course		**3**
PHSC 105	INTRODUCTION TO ENVIRONMENTAL SCIENCE	
Biology		**3**
Select one of the following:		
BIOL 112	ENVIRONMENTAL BIOLOGY	
BIOL 202	ECOLOGY, EVOLUTION, AND GENETICS	
BIOL 315	ECOLOGY	
BIOL 323		
BIOL 324	MARINE BIOLOGY	
BIOL 332	ECOLOGY OF TALLGRASS PRAIRIE	
SUST 330	BIODIVERSITY	
Environmental Chemistry		**3-5**
Select one of the following:		
CHEM 201	GENERAL CHEMISTRY I	
CHEM 202	GENERAL CHEMISTRY II	
CHEM 210		
CHEM 211	ORGANIC CHEMISTRY I	
Physical Science Subject Area		**3**
Select one of the following:		
PHSC 103	GLOBAL CLIMATE CHANGE	
PHSC 104	SEVERE AND UNUSUAL WEATHER	
SUST 330	BIODIVERSITY	
Quantitative Methods		**3**
Select one of the following:		
BIOL 314	QUANTITATIVE ECOLOGY AND CONSERVATION	
BIOL 318	BIOSTATISTICS	
SUST 220	WATER	
MATH 217	ELEMENTARY STATISTICS	
Capstone Course [1]		**3**
Determined with advisor may include the following:		
BIOL 314	QUANTITATIVE ECOLOGY AND CONSERVATION	
BIOL 369	CONSERVATION BIOLOGY: AFRICA	
SUST 395	SUSTAINABILITY STUDIES INTERNSHIP	
CHEM 336	ANALYTICAL CHEMISTRY	
Total Credit Hours		**18-20**

[1] Consult academic advisor to select substitute capstone course. Suitable substitute include independent research or discipline-specific internship

Regulations

- Students who have transferred three or more equivalent courses may earn a minor in environmental science by completing at least two additional required courses at Roosevelt University.
- Courses used to satisfy a supporting sequence can be applied to a minor, but no course can be applied to simultaneously satisfy requirements of a major and a minor. No course can be used to simultaneously satisfy requirements of two minors.