



The University of Akron

Undergraduate Certificate Program in Environmental Studies

ENVIRONMENTAL STUDIES

Ira D. Sasowsky, Ph.D., *Director*

Program

The objective of the Environmental Studies Certificate program is to provide students with an interdisciplinary background by encouraging them to take environmentally related courses that will complement their academic major. The program is very flexible and can be tailored to an individual student's career objective. Environmental Studies Certificates have been earned by students with a wide range of academic majors including; biology, chemical and civil engineering, economics, education, english, geography, geology, political science, sociology, and urban studies.

Admissions

To participate in the program the student should:

- Be formally admitted to The University of Akron as an undergraduate student.
- Be in good academic standing in their major department.
- Make a written application to the program and receive written notification of admission from the Center for Environmental Studies.

Requirements

The program requirements consist of two interdisciplinary environmental studies courses (an introductory elective and a capstone seminar course) along with approximately 3 to 4 other required environmental courses. Students must complete 16 credit hours including 5 credits of required Environmental Studies courses and 11 credits from the list of approved electives. Courses within a student's major may not count toward the certificate. A student's plan of study for this certificate will be developed in consultation with the Director of the Center for Environmental Studies.

Core (required):	Course Name	Credits
3010:201	Introduction to Environmental Studies	3
3010:401	Seminar in Environmental Studies	2

Electives		Credits
(11 Credits minimum)		
2230:250	Hazardous Materials	4
2800:232	Environmental Sampling Lab	3
3010:401	Seminar in Environmental Studies (may be repeated as an elective)	2
3010:490	Workshop in Environmental Studies	1-4
3010:495	Field/Lab Studies in Environmental Science	3
3100:217	General Ecology	3
3100:342	Flora and Taxonomy	3
3100:421	Tropical Field Biology	4
3100:418	Field Ecology	4
3100:426	Wetland Ecology	4
3100:427	Aquatic Ecology	4
3100:430	Community/Ecosystem Ecology	4
3150:100	Chemistry and Society	3
3250:385	Econ. of Natural Resources and the Environment	3
3350:310	Physical and Environmental Geography	3
3350:335	Recreation Resource Planning	3
3350:351	Ohio Environment and Society	3
3350:405	Geographic Information System	3
3350:407	Adv. Geographic Information System	3
3350:436	Urban Land Use Analysis	3
3350:447	Introduction to Remote Sensing	3
3350:449	Adv. Remote Sensing	3
3350:495	Soil and Water Field Studies	3
3370:125	Concepts in Geology (121, 122, 125,127, 128, 129, 133, 135, 136, 137)	1
3370:200	Environmental Geology	3
3370:201, 203	Exercises in Environmental Geology	1

Continued on back page

For more information contact:

Dr. Ira Sasowsky, Director
Center for Environmental Studies
The University of Akron
Akron, Ohio 44325-4102
(330) 972-5389
ids@uakron.edu

Electives	Course Name	Credits
3370:301	Engineering Geology	3
3370:470	Geochemistry	3
3370:474	Ground Water Hydrology	3
3400:471	American Environmental History	3
3700:412	Global Environmental Politics	3
3850:321	Population	3
4100:203	Environmental Science and Engineering	3
4200:463	Pollution Control	3
4300:323	Water Supply and Pollution Control	3
4300:423	Chemistry for Environmental Engineering	3
4300:424	Water-Wastewater Laboratory	1
4300:426	Environmental Engineering Design	3
4300:427	Water Quality Modeling and Management	3
4300:428	Hazardous and Solid Waste	3

Workshops and Selected Topics courses approved by the Director of Environmental Studies may also satisfy elective credits.