



The University of Akron

Graduate Certificate Program in Environmental Studies

ENVIRONMENTAL STUDIES

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

Program

This graduate certificate program is designed for environmental professionals who wish to broaden their background or update their skills. In order to satisfy the course prerequisites, it is recommended that students have an undergraduate degree in one of the natural sciences, engineering, or a strong background in mathematics and science.

Admissions

To participate in the program the student should:

- Be formally admitted to The University of Akron as a graduate or non-degree graduate student.
- Make a written application to the program and receive written notification of admission from the Center for Environmental Studies.

Requirements

A plan of study will be developed in consultation with the director of the Center for Environmental Studies. Students must complete the core requirement and a minimum of 14 credits from the list of electives or other courses approved by the director. Electives must be selected from a minimum of three different departments.

Core (required):	Course Name	Credits
3010:501	Seminar in Environmental Studies	2
Electives (minimum 14 credits)		
3010:595	Field/Lab Studies in Environmental Studies	3
3010:602	Evaluation of Environmental Data	3
3100:521	Tropical Field Biology	4
3100:524	Freshwater Ecology	3
3100:525	Freshwater Ecology field and Laboratory Studies	3
3100:526	Applied Aquatic Ecology	4
3100:660	Environmental Physiology	3
3350:505	Geographic Information Systems	3
3350:507	Advanced Geographic Information Systems	3
3350:547	Remote Sensing	3
3350:549	Advanced Remote Sensing	3
3350:595	Soil and Water Field Studies	3
3370:570	Geochemistry	3
3370:574	Groundwater Hydrology	3
3370:661	Geologic Record of Past Global Change	3
3370:674	Advanced Groundwater Hydrology	3
3370:678	Urban Geology	3
3400:571	American Environmental History	3
3470:561	Applied Statistics I	4
3700:512	Global Environmental Politics	3
3850:686	Population	3
4200:563	Pollution Control	3
4200:750	Advanced Pollution Control	3
4300:523	Chemistry for Environmental Engineers	3
4300:526	Environmental Engineering Design	3
4300:527	Water Quality Modeling and Management	3
4300:528	Hazardous and Solid Wastes	3
4300:620	Sanitary Engineering Problems	2
4300:621	Environmental Engineering Principles	4
4300:631	Soil Remediation	3
4300:731	Bioremediation	3
9200:661	Environmental Law	3

For more information contact:

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