



## ENVIRONMENTAL SCIENCE

### Pioneers are inspired to do more

Environmental Science majors at Marietta are dedicated to making a difference and develop the skills to back it up.

This major is for students who want to be environmental problem-solvers – change-agents in the field, in the corporate world and in government.

Our students learn from top scientists, economists and policy experts who help inspire them to make the big ideas happen. Faculty at Marietta College take a **collaborative** approach to helping students develop skills necessary in this ever-changing environmental landscape. They spend time in the classroom, in the lab and in the field, and put that knowledge into action during internships and at professional conferences.

Students majoring in Environmental Science seek out this challenging curriculum because they are driven to make an impact in their industry as scientists, conservationists and policy makers.

Graduate programs and industry leaders seek out Marietta College students for their in-depth knowledge in the field and their strong communication skills.

Learn more about what it takes to be a successful Marietta College Environmental Science major at [www.marietta.edu/program/environmental-science](http://www.marietta.edu/program/environmental-science)



**Diana Hackenburg '09**  
*Doctoral student at the University of Vermont*

Prior to entering the University of Vermont's doctoral program in natural resources, Diana worked for the North Carolina Sea Grant Office as a science writer.

“The Environmental Science degree integrated natural sciences, social sciences and the humanities to explore real-world issues. Engaging discussions about policies and social issues were balanced by hands-on experiences in the lab and in the field. The small class sizes and personable, passionate professors created a welcoming community that nurtured and challenged me to work harder, and dream bigger.”

**This is the time. This is the place.**

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## Curriculum

In addition to a liberal arts core curriculum, Environmental Science majors prepare for careers and graduate school by completing a rigorous course load:

- Introduction to Environmental Science
- Environmental Sustainability
- Environmental Toxicology
- Geographic Information Systems
- Hydrology
- Experiential Learning
- Senior Capstone Course: Environmental Problem-Solving
- Scientific Computing and Problem Solving
- Environmental Biology and Lab
- Land Use Planning
- Environmental Economics
- Environmental Hydrogeology
- Environmental Policy and Law
- Environmental Impact and Resource Assessment
- Field Biology Techniques
- Science and Public Policy
- Leaders in Environmental Activism
- Ecology
- Statistics for Natural and Social Sciences
- Physical Geology

## Facilities

Rickey Science Center  
Edwy R. Brown Petroleum Building  
Barbara A. Beiser '49 Field Station

## Outcomes – Graduate/ Professional Schools

American University College of Law  
Cleveland State University School of Planning  
Pace University School of Law  
Indiana University School of Public and Environmental Affairs  
Miami University Institute of Environmental Sciences  
Stanford University, Environmental Engineering  
Columbia University  
Brown University, Environment and Society  
College of Charleston, Marine Environmental Science

## Outcomes – Professions

Alpha EMC  
Chevron-Phillips Chemical Company  
Kemron Environmental Services  
Baker-Hughes  
NOAA/NOAA Corps  
Wood County (Ohio) Soil and Water Conservation District  
Halliburton Energy Services  
West Virginia Department of Natural Resources  
U.S. Environmental Protection Agency  
Washington County Health Department  
Summit County Health Department

## Honor Societies and Student Organizations

Marietta students find ways to use their growing knowledge of environmental issues to create solutions. Majors often join the Students for Environmental Activism organization or work with the Sustainability Committee to organize and participate in campus conversation and sustainability projects.

Environmental Science majors with sustained high academic achievement are eligible for acceptance to Kappa Alpha Omicron, the national honor society for environmental science students and a branch of the Interdisciplinary Environmental Association. Marietta College is the Delta chapter of the national society and is the home college of the organization's third elected president.