

ENVIRONMENTAL STUDIES

The mission of the Environmental Studies (ENVS) program at West Virginia Wesleyan College is to provide students with an in-depth understanding of local, regional, and global environmental issues. Graduates of the B.A. program are broadly educated in the diverse aspects of environmental issues with an emphasis on resource economics, natural resource management, and environmental law and politics. This major will prepare students for careers in environmental law, advocacy, resource management, or public policy, among others.

The Environmental Studies major at West Virginia Wesleyan College provides a cross-disciplinary background for students seeking future employment in environmental advocacy, non-governmental agencies, or public policy. For students interested in post-graduate work, this Bachelor of Arts degree prepares students for law school, graduate school in political science, business, or resource management. Wesleyan graduates from the ENVS B.A. degree include environmental lawyers, natural resource professionals, environmental analysts, and non-governmental agency workers. Our students have completed international internships as well as scientific research in WV, in neighboring states, and in Europe and Central America.

At the core of the program are the functional areas of environmental issues: sustainability, environmental science, chemistry, political science, economics, and sociology. These are supported by courses in ethics, communication, and quantitative analysis. Elective courses, concentrated in four specialty areas, round out the program.

The ENVS B.A. curriculum consists of 39-40 hours of coursework within the core requirements.

The ENVS minor includes 16-17 hours.

Program Learning Outcomes

Upon completion of the ENVS B.A. degree, graduates will:

- ◆ Demonstrate knowledge of the major fields of environmental studies, including the fields of biology, ecology, economics, and sociology.
- ◆ Design and conduct experiments, analyze data, incorporate published scientific research, and place your conclusions in a larger scientific context.
- ◆ Communicate scientific information effectively, both in writing and orally; Analyze and discuss current scientific literature.
- ◆ Work effectively in groups to investigate research questions and solve problems.
- ◆ Demonstrate the ability to integrate social issues, economics, and environmental science as the "three pillars" of sustainability within the local community.

For more information, contact:

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FACULTY

Coordinator of the ENVS Program & Assistant Professor

Kim Bjorgo-Thorne, Ph.D.

Professors

Robert Hull, Ph.D.

Robert Rupp, Ph.D.

Ed Wovchko, Ph.D.

Associate Professors

Mu Hu, Ph.D.

Debra Dean Murphy, Ph.D.

Pamela Wovchko, Ph.D.

Assistant Professors:

Molly Clever, Ph.D.

Jordge LaFantasie, Ph.D.

Tuan Le, Ph.D.

Kelly Sharp, M.B.A.

Instructors

Abigail Benjamin, J.D.

Amy Rogosky, M.S.



Environmental Studies Program of Study – 39-40 Credit Hours

Required Core Courses (39-40 Hours)

- BIOL 112 General Biology II
- CHEM 105/107L Chemistry for Allied Health
- ECON 110 Principles of Macroeconomics
- ECON 120 Principles of Microeconomics
- ENVS 125 Introduction to Geographic Information Systems
- ENVS 130 Environmental Science
- MATH 115 Introductory Statistics
- PHIL 130 Environmental Ethics
- COMM 221 Interpersonal Communication
- ENVS 220 Applied Geospatial Technology
- RELG 214 Environmental Theology
- ENVS 350 Applied Resource Management
- ECON 333 Environmental Economics
- ENVS 379 Experiential Learning in Environmental Science
- POLS 328 Environmental Law and Policy
- ENVS 497 Seminar in Environmental Issues

Environmental Studies Minor – 16 – 17 Credit Hours

Two required courses:

- ENVS 125 Introduction to Geographic Information Systems
- ENVS 130 Environmental Science

Plus any four of these courses:

- ENVS 220 Applied Geospatial Technology
- ENVS 340 Applied Resource Management
- ECON 333 Environmental Economics
- PHIL 130 Environmental Ethics
- POLS 328 Environmental Law and Politics
- SOCI 305 Global Minorities

Accreditation: West Virginia Wesleyan College is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools, 30 North LaSalle Street, Suite 2400, Chicago, Illinois, 60602-2504, 800-621-7440, and approved by the University Senate of the United Methodist Church.

