

# Environmental Policy and Planning

---

(Bachelor of Science)

Environmental Policy and Planning is an environmental studies program based in the social sciences. It is designed to prepare students for a variety of challenging professions involving the planning, analysis, design, and administration of policies and programs dealing with the natural and human-made environment. Students who major in Environmental Policy and Planning consider environmental challenges through the lens of law, politics, and economics. The program provides students with a solid background in environmental policy, environmental law, environmental planning, environmental design, and an introduction to sustainable development and community-based environmental protection. It also prepares students for graduate work in environmental studies, public policy, public administration, law, community planning, and related fields.

Environmental Policy and Planning majors engage in both theoretical and applied study in their courses, and have flexibility to choose from different emphases. Students may serve as interns in planning agencies in local governments, work in teams with a professor to conduct community planning and design, work with environmental organizations, or develop programs for sustainable communities. The three program emphases from which majors can choose are public policy, environmental planning (managing resources in the natural environment), and environmental design (creating the built environment).

The major in Environmental Policy and Planning consists of two sets of requirements: 1) required supporting and analytical courses and 2) upper-level courses within an area of emphasis. Students should discuss these Emphases with their program advisor when establishing an academic plan.

The **public policy emphasis** focuses on environmental policy development and implementation; methods of policy analysis; and political, administrative, legal, and economic issues in environmental policy. It provides students with a strong background in the public policy and administrative aspects of environmental studies. This emphasis prepares students for employment in the public, nonprofit, and private market sectors as environmental policy analysts, specialists in public information, environmental management, government relations, and related careers, as well as for graduate work in environmental studies, public policy, public affairs, administration, and law.

The **environmental planning emphasis** focuses on sustainable and resilient land use and planning methods for human settlements and our surrounding environments in an era of climate change and resource scarcity. This emphasis teaches you skills in management of land and natural resources, techniques in geographic information systems, and how to adapt to the accelerating human influences on our environment. Students interested in learning skills in designing and planning community redevelopment; protection and management of farmland, forests, air, waters, flora and fauna at the community and regional levels; and developing comprehensive environmental impact studies may want to select this emphasis. It helps prepare students for careers and graduate work in environmental planning, community and regional planning, community-based environmental management, geography, and related fields.

The **regional planning and environmental design emphasis** focuses on creative problem-solving techniques in defining, analyzing, and solving problems in the built environment at human scale. Emphasizes basic graphic and verbal presentation techniques and relationships between form, the natural environment, people and function. Students interested in developing skills in the planning and urban design at the community and regional levels may want to select this emphasis. It helps prepare students for careers and graduate work in architecture, environmental planning, urban and regional planning, and community-based non-profit organizations that work in community development, geography, and related fields.

A **minor in Environmental Policy and Planning** is similar to the major in developing knowledge and skills in planning, decision-making, public policy, environmental design, political and economic processes, as well as the analytic capacities to participate in decision-making. An interdisciplinary minor in Environmental Policy and Planning is a good choice for students who wish to major in Environmental Science, Public Administration, Political Science, Economics, Urban Studies, Democracy and Justice Studies, or a number of other programs.

## Considering a Double Major or Certificate?

Some students may want to consider a double major, combining Environmental Policy and Planning with Public Administration. Other popular second majors include Political Science, Urban Studies, and Economics. A double major or a minor in one of these fields complements the Environmental Policy and Planning curriculum, and makes students stronger candidates when seeking careers or entry into graduate programs.

A certificate in Environmental Sustainability and Business fits well with a major or minor in Environmental Policy and Planning. Likewise, students interested in working in a non-governmental or non-profit organization might explore the certificate in Nonprofit Management. Students should contact a faculty adviser early in their academic careers for advice on these options.

Students may study abroad or at other campuses in the United States through UW-Green Bay's participation in international exchange programs and National Student Exchange. Travel courses are another option for obtaining academic credits and completing requirements. For more information, contact the Office of International Education at (920) 465-2190 or see <http://www.uwgb.edu/international/>.

## Major Area of Emphasis (<http://catalog.uwgb.edu/archive/2021-2022/undergraduate/programs/environmental-policy-planning/major/>)

Students must complete requirements in one of the following areas of emphasis:

- Regional Planning & Environmental Design
- Environmental Planning
- Environmental Policy
  - Environmental Policy (Accelerated) / Integrated with graduate Environmental Science & Policy program

## Minor

Code	Title	Credits
<b>Supporting Courses</b>		<b>11</b>
<b>Required:</b>		
PU EN AF 102	Environment and Society	
PU EN AF 250	Introduction to Geographic Information Systems (GIS)	
Choose two of the following courses:		
ECON 203	Micro Economic Analysis	
PU EN AF 202	Introduction to Public Policy	
PU EN AF 215	Introduction to Public Administration	
<b>Upper-Level Courses</b>		<b>14-15</b>
Complete these required courses:		
PU EN AF 301	Environmental Politics and Policy	
PU EN AF 322	Environmental Planning	
Complete three of the following courses:		
PU EN AF 305/ECON 305	Natural Resources Economic Policy	
PU EN AF 306	Regulatory Policy and Administration	
PU EN AF 323	Sustainable Land Use	
PU EN AF 324	Transitioning to Sustainable Communities	
PU EN AF 350	GIS in Public and Environmental Policy	
PU EN AF 351	Water Resources Policy and Management	
PU EN AF 378	Environmental Law	
PU EN AF 379	Natural Resources Policy, Law, and Administration	
PU EN AF 408	Public Policy Analysis	
PU EN AF 431	Building Sustainable Landscapes	
PU EN AF 497	Internship	
<b>Total Credits</b>		<b>25-26</b>

## Curriculum Guide

An academic plan for a major in Public Administration may vary, depending upon student interests, needs, and specialization within the major. The courses listed below, and the sequence in which they are listed, represent the faculty's recommendation for the general array of courses taken by all students in the program. Of particular importance is that lower-level prerequisites be completed before enrollment in upper-level courses. Students should pay particular attention to those required courses included in their academic plans that are offered only in alternate years.

As part of the general education requirements of the University, all majors will be completing 36 to 42 credits of work, including 9 credits or 3 courses each in the humanities, natural sciences, and social sciences, 3 credits in Other Cultures, 3 credits of Ethnic Studies and 4 courses certified for the Writing Emphasis requirement. Some of these requirements are satisfied by courses taken as part of the major. Beyond these, we encourage Public Administration majors to discuss their preferences for general education courses, as well as other electives, with the PEA faculty. In general, we recommend that students become thoroughly acquainted with the major ideas, findings, and methods of inquiry in each domain of knowledge. We especially encourage majors to take introductory courses in the social sciences beyond those required as lower-level prerequisites (e.g., in sociology, psychology, and political science).

An example: Four year plan for Environmental Policy and Planning Major

120 credits necessary to graduate.

Plan is a representation and categories of classes can be switched. Check with your advisor.

Course	Title	Credits
<b>Freshman</b>		
<b>Fall</b>		
ENV SCI 102	Introduction to Environmental Sciences	3

POL SCI 101	American Government and Politics	3
First Year Seminar		3
General Ed		3
General Ed		3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
PU EN AF 202	Introduction to Public Policy	3
Science Lower Level Elective		3
General Ed		3
General Ed		3
General Ed		3
<b>Credits</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
ECON 203	Micro Economic Analysis	3
Science Lower Level Elective		3
Science Lower Level Elective		3
General Ed		3
General Ed		3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
BUS ADM 220 or MATH 260 or PSYCH 205	Business Statistics or Introductory Statistics or Social Science Statistics	3-4
Science Lower Level Elective		3
General Ed		3
General Ed		3
General Ed		3
<b>Credits</b>		<b>15-16</b>
<b>Junior</b>		
<b>Fall</b>		
PU EN AF 378	Environmental Law	3
PU EN AF 350 or PU EN AF 408	GIS in Public and Environmental Policy or Public Policy Analysis	2-3
Environmental Science Upper Level Elective		3
Environmental Policy and Planning Upper Level Elective		3
General Ed		3
<b>Credits</b>		<b>14-15</b>
<b>Spring</b>		
PU EN AF 301	Environmental Politics and Policy	3
PU EN AF 322	Environmental Planning	3
Environmental Science Upper Level Elective		3
Environmental Policy and Planning Upper Level Elective		3
General Ed		3
<b>Credits</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
PU EN AF 497	Internship (or Applied Learning)	3
Environmental Policy and Planning Upper Level Elective		3
Environmental Policy and Planning Upper Level Elective		3
General Ed		3
General Ed		3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
PU EN AF 497	Internship (or Applied Learning)	3

Environmental Policy and Planning Upper Level Elective	3
Environmental Policy and Planning Upper Level Elective	3
General Ed	3
General Ed	3
	<b>Credits</b>
	<b>15</b>
	<b>Total Credits</b>
	<b>119-121</b>

## Faculty

**Ray Hutchison**; Professor; Ph.D., University of Chicago

**John R Stoll**; Professor; Ph.D., University of Kentucky, chair\*

**Aaron C Weinschenk**; Professor; Ph.D., University of Wisconsin - Milwaukee\*

**Marcelo P Cruz**; Associate Professor; Ph.D., University of California - Los Angeles

**David J Helpap**; Associate Professor; Ph.D., University of Wisconsin - Milwaukee\*

**Thomas S Nesslein**; Associate Professor; Ph.D., University of Washington - Seattle

**Laurel E Phoenix**; Associate Professor; Ph.D., State University of New York - College of Environmental Science and Forestry\*

**Lora H Warner**; Associate Professor; Ph.D., Virginia Commonwealth University

**Elizabeth E Wheat**; Associate Professor; Ph.D., Western Michigan University\*