

# *B.A. in Environmental Studies Planning and Environmental Policy Major*

## **Huxley College of the Environment**

**2008-2009    Academic Advising Center    Old Main 380    360.650.3850    Advising@wwu.edu**

*This document has been created for advising purposes only. Please contact the appropriate department for major and/or graduation requirements.*

### ***Why should I consider a Planning and Environmental Policy Major?***

Do you want to use your knowledge and skills to promote positive change in the environment? Do you love solving problems and

implementing shared visions in both natural settings and urban communities? Are you interested in the laws and policies that govern

environmental change? Then Planning and Environmental Policy is the major for you.

### ***What is the study of Planning and Environmental Policy?***

This interdisciplinary program prepares students to enter professional fields concerned with the sustainability of the human and natural environment. The Planning and Environmental Policy program consists of a core, three major concentration tracks, and specialization electives. The core incorporates the interdisciplinary foundation of

Huxley College's approach to the study of the environment. Two of the major concentration tracks, planning and environmental policy, concentrate studies in public policy development, law, and methods and processes of planning and decision making. The third major concentration, Emergency Management, concentrates studies on disasters, hazards

and organizing society's response to them. The specialization elective component of the program is flexible. It allows students to develop an area of special interest, concentrating on a minor in an academic discipline, or to select from a number of thematically oriented clusters of courses.

### ***Mid Program Checkpoint:***

Students intending to complete a Bachelor's of Arts degree in Planning and Environmental Policy within four years should complete the following courses by the start of their junior year. Students are expected to follow all prerequisite requirements for courses and seek early departmental advisement.

#### **Coursework:**

Complete Huxley preparatory coursework:  
CHEM 121  
BIOL 101  
an additional lab science in BIOL, CHEM, GEOL or PHYS  
MATH 114 or 156  
EGEO 203  
ECON 206  
PLSC course  
BCOM course  
Introductory Statistics Course

#### **Other Activities:**

Get involved in environmental issues and groups.  
  
Volunteer for environmental organizations.

### ***How to Declare a Planning and Environmental Policy Major:***

**Pre-Major Declaration:** Any student may declare as an Environmental Studies pre-major. The forms are available at the Huxley College Office in ES 539.

Admission to Huxley College and its majors is selective and based upon the following four

criteria:

- 1.) completion of required preparatory course work
- 2.) academic performance (GPA)
- 3.) a brief essay in response to a given question, and
- 4.) relevant experience.

Applications should be received by the Huxley College office by April 25 for admission to summer or fall quarters; October 6 for admission winter quarter; and January 15 for admission spring quarter.

#### *Contact Information:*

**Huxley College of the Environment Website:**  
<http://www.wwu.edu/huxley/>

**Department Chair:**  
Thomas Terich  
AH 217  
Thomas.Terich@wwu.edu

**Undergraduate Advisor:**  
Kathryn Patrick  
ES 539, 360-650-3520  
Kathryn.Patrick@wwu.edu

**Policy Track Advisors:**  
Jean Melious, AH 208,  
Jean.Melious@wwu.edu

Grace Wang, AH 212  
Grace.Wang@wwu.edu

Troy Abel, AH 205  
Troy.Abel@wwu.edu

**Emergency Planning Track Advisors:**  
Scott Miles, AH 203  
Scott.Miles@wwu.edu

Paul Stangl, AH 452  
Paul.Stangl@wwu.edu

**Planning Track Advisor:**  
Nicholas Zaferatos, ES 444  
Nicholas.Zaferatos@wwu.edu

#### ***Sample Career Fields:***

- Urban Planner
- Environmental Lawyer
- County Planner
- Environmental Public Relations
- Director of Non-Profit Organizations
- Environmental Advocate

## Planning and Environmental Policy Major Requirements: 85 Credits

### Required Preparatory Courses:

CHEM 121 General Chemistry (5)

BIOL 101 Introduction to Biology (5)

Additional Lab Science in Chemistry, Biology, Geology or Physics (5)

MATH 114 Precalculus *or* MATH 156 Algebra with Applications to Business and Economics (4-5)

Introductory Statistics Course (e.g. SOC 207, MATH 240, DSCI 205, ANTH 335) (4-5)

EGEO 203 Physical Geography or GEOL 211 Physical Geology (4)

Economics: Preferably ECON 206 Microeconomics (4)

Political Science: Any PLSC course (3-5)

Communication Block B: Any BCOM requirement (3-5)

### Huxley Core Requirements: (16-23 credits)

**Ecological Processes:** One of the following (3-4 credits)

ESCI 302 Environmental Pollution (4)

ESCI 310 Environmental Systems (4)

ESCI 325 Fundamentals of Ecology (3)

ESCI 392 Intro to Global Change (3)

**Applied Environmental Science:** One of the following (3-4 credits)

ESCI 309 Exploring Environmental Data (3)

ESCI 321 Oceanography (4)

ESCI 330 Natural History of the Pacific Northwest (4)

ESCI 333 Introduction to Environmental Toxicology (4)

ESCI 361a Water Quality (3)

ESCI 463 Wetlands for Wastewater Treatment (3)

**Approved Capstone Course:** list available in Huxley College Office (4-5)

**One from Environmental Applications Experience: 10 credit minimum**

ESTU 498a Senior Thesis (10-15)

ESTU 498b Internship (10-15)

ESTU 498c Senior Project (10-15)

ESTU 498d International Study (10-15)

### Planning and Environmental Policy Core (16 credits)

ESTU 304 Environment and Resource Policy (4)

ESTU 369 Introduction to Planning (3)

ESTU 436 Environmental Impact Assessment (5)

ESTU 466 U.S. and Washington State Environmental Regulations (4)

These courses are required (or advised) for this major and may be used to satisfy GUR or Writing Proficiency requirements:

QSR: MATH 114, 156, 240

SSC: PLSC course, ECON 206

LSCI: BIOL 101, CHEM 121, EGEO 203

WP: Three Writing Proficiency points are required for graduation (they are noted as WP1, WP2, WP3). Check [Classfinder](#) or [Online Timetable](#) for departmental offerings each quarter.

Planning and Environmental Policy students choose one track from: Planning, Policy or Emergency Planning and Hazards Mitigation Track. All students complete the Huxley College Core and Planning and Policy Core, but only one of the lists of track requirements in the next column.

### Environmental Policy (23-25 credits)

ESTU 443 Land Use Law (4)

*or* ESTU 468 Environmental Law (4)

ESTU 464 United States Environmental Policy (4)

ESTU 465 International Environmental Policies (4)

ECON 383 Environmental Economics (4)

ESTU 443 Land Use Law (4)

*or* ESTU 468 Environmental Law (4)

ESTU 420 Environmental Politics (5)

*or* ESTU 463 Environmental Policy Analysis (4)

Choose one of the following:

ESTU 441 Parks and Protected Areas (3)

ESTU 444 Environmental Dispute Resolution (4)

ESTU 467 Natural Resource Policy (3)

ESTU 475 Native American Planning & Natural Resource Policy (3)

EGEO 461 Natural Resources Management (4)

**Environmental Policy Track Electives: 21-30 credits**

21-29 credits of upper-division electives (or electives to equal a total of 85 credits) under faculty advisement

### Planning (27 credits)

ESTU 370 Processes and Methods in Planning (3)

ESTU 380 History and Politics of Planning (3)

ESTU 443 Land Use Law (4)

ESTU 470 Planning Studio (6)

ESTU 472 Planning Theory (3)

EGEO 350 Introduction to Geographic Information Systems (4)

**Planning Track Electives (25-29 credits)**

23-30 credits of upper-division electives (or electives to equal a total of 85 credits) under advisement

### Disaster Reduction & Emergency Planning (34-37 credits)

ENG 302 Technical Writing (5)

EGEO 350 Introduction to Geographic Information Systems (4)

EGEO 363 Natural Hazards Planning (4)

ESTU 330 History & Theory of Emergency Planning (4)

ESTU 401 Applications in GIS (3)

ESTU 430 Disaster Risk Reduction (4)

ESTU 432 Disaster Reduction & Emergency Planning Studio (4)

Choose one from:

COMM 318 Professional Communication (4)

COMM 322 Civil Discourse as Learning Interaction (4)

MGMT 311 Intro to Management & Organizational Behavior (4)

Choose one from:

EGEO 330 Geography of Landforms (4)

EGEO 331 Climatology (4)

GEOL 455 Climate Related Geologic Hazards (3)

**Emergency Planning & Hazards Mitigation Electives: 19 credits**

19 credits of upper-division electives (or electives to equal a total of 85 credits) under faculty advisement

### Other Environmental Studies options:

B.A. in Environmental Education (85 credits)

B.A. in Environmental Studies/Economics (85 credits)

B.A. in Environmental Studies/Journalism (84 credits)

B.A.Ed. in Environmental Studies—Elementary (47 credits plus 104 for the Elementary Education Professional Program)

Minor in Environmental Studies (24 credits)

Minor in Environmental Education (26 credits)

Minor in Environmental Policy (20-25 credits)

Minor in Sustainable Design (30-32 credits)