

# B.A. in Environmental Studies: Environmental Education Major

## Huxley College of the Environment

2007-2008

Academic Advising Center

Old Main 380

360.650.3850

Advising@cc.wwu.edu

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

### What is the study of Environmental Education?

The major consists of four distinct parts. First, students acquire an understanding of the content of Environmental Studies. Second, students examine the process of education for an environmental perspective. Third, students investigate ways of applying environmental education

content and techniques in the professional roles they may pursue. Fourth, students participate in internships, a field practicum, or research.

Students choose among two tracks: Outdoor Education, or Community Education and Mass Communication.

Graduates of this major have

assumed positions as teachers in private schools, as interpreters with resource management agencies, as staff in programs for special populations such as high-risk youth and handicapped, among others, and with wilderness education non-profits.

### Why should I consider an Environmental Education Major?

Are you excited about teaching people about the environment? Do you want to

teach people to make environmental choices in their lives? Do you love to work

outdoors with children or adults? Then Environmental Education is for you.

### Declaring an Environmental Education Major:

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

**Major Declaration:** Once you have completed or are

completing all of the required preparatory courses, apply to Huxley College. Applications are available online from the Huxley College website or in the Huxley College office in ES 539. Application due dates are May 2<sup>nd</sup> for Fall Quarter,

October 20<sup>th</sup> for Winter Quarter, and January 28<sup>th</sup> for Spring Quarter. The application also requires a brief essay and a list of relevant experience.

### Mid Program Checkpoint:

Students intending to complete a Bachelor's of Arts degree in Environmental Education 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 115 or 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.

#### Contact Information:

[www.wwu.edu/cms/www.estu/](http://www.wwu.edu/cms/www.estu/)

#### Department Chair:

Gigi Berardi  
AH 217  
Gigi.Berardi@wwu.edu

#### Undergraduate Advisor:

Kathryn Patrick  
ES 539, 360-650-3520  
Kathryn.Patrick@wwu.edu

#### Faculty Advisors

Gene Myers  
AH 224  
Gmyers@cc.wwu.edu

Wendy Walker

AH 230  
Wwalker@cc.wwu.edu

#### Sample Career Fields:

- Private School Teacher
- Outdoor Leadership Director
- Environmental Interpreter
- Adventure Educator
- Camp Director
- Nature Writer
- Naturalist

# Environmental Education Major Requirements: 85 Credits

## Required Preparatory Courses:

CHEM 115 or 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: (20-24 credits)

\*ESTU 306 Introduction to Huxley College (1) \*Cancelled Requirement

## 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)

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

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)

## Environmental Education Core (16 credits)

ESTU 305 Environmental History and Ethics (4)

ESTU 371 Environmental Education (4)

ESTU 372 The Environmental Education Curriculum (4)

ESTU 477 The American Literature of Nature and Place (4)

## Other Environmental Education options:

B.A. in Geography/Social Studies (90-92 credits) Provides the Washington State endorsement needed to apply to a Secondary Education certification program (approximately 65 credits)

B.A.Ed. in Environmental Studies—Elementary (47 credits, plus 107 for the Elementary Education Professional Program)

Environmental Education students choose one track from: Outdoor Education and Interpretation or Community Education and Mass Communications. All students complete the Huxley College Core and Environmental Education core, but only one of the lists of track requirements below.

## Outdoor Education and Interpretation Track: (25 credits)

ESCI 330 Natural History of the Pacific Northwest (4)

ESTU 473 Environmental Interpretation (4)

ESTU 474 Outdoor Education (4)

ESTU 476 Experiential Learning in Environmental Education (4)

ESTU 483 Field Methods in Environmental Education (5)

ESTU 484 Natural History for Environmental Education (4)

Electives: 23-27 credits of upper-division electives (or electives to equal a total of 85 credits) under faculty advisement

## Community Education and Mass Communications Track (18 credits)

ESTU 480 Writing and Editing The Planet (2)

ESTU 481 Environmental Journalism (4)

ESTU 486 Community-based Environmental Education (4)

ESTU 479 Environmental Interpretation Methods (4)

## One of the following:

ESTU 304 Environment and Resource Policy (4)

ESTU 446 Public Opinion and Environmental Issues (4)

ESTU 464 United States Environmental Policy (4)

ESTU 468 Environmental Law (4)

ESTU 488 The History of Conservation in America (4)

Electives: 26-29 credits of upper-division electives (or electives to equal a total of 85 credits) under faculty advisement

## These required or elective courses will also satisfy the GUR or other Graduation Requirement:

QSR: MATH 114, 156, 240

SSC: PLSC course, ECON 206

LSCI: BIOL 101, CHEM 115 or 121, EGEO 203, Additional Lab Science

WP: ESTU 477

B.A.Ed in Geography—Elementary (45 credits, plus 107 for the Elementary Education Professional Program)

Minor in Environmental Education (26 credits)