

2009-2010

B.A. in Environmental Studies: Environmental Education Major

Huxley College of the Environment

What Is an Environmental Education Major?

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 This 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.

How to Declare:

Students interested in declaring an Environmental Education major can access further information in 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.

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.

Huxley Preparatory Coursework:

CHEM 121
BIOL 101 or 204
Additional lab science in BIOL, CHEM, GEOL or PHYS
MATH 114 or 156
EGEO 203 or GEOL 211; ECON 206; PLSC course
BCOM or CCOM course
Introductory Statistics Course

Other Activities:

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

Contact Information:

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

Department Chair:
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Sample Careers:

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



Environmental Education Major Requirements: 121-128 Credits

Required Preparatory Courses:

CHEM 121 General Chemistry (5)
BIOL 101 Introduction to Biology (5)
Or BIOL 204 Introduction to Evolution, Ecology and Biodiversity (4)
Additional Lab Science in Chemistry, Biology, Geology or Physics (5)
MATH 114 Precalculus
Or 156 Algebra w/Applications to Business and Economics (4-5)
Introductory Statistics Course, e.g. SOC 215, MATH 240, DSCI 205, FAIR 232P, ANTH 335 (4-5)
EGEO 203 Physical Geography (4)
Or GEOL 211 Physical Geology (4)
ECON 206 Microeconomics (4)
Any PLSC course (3-5)
Any BCOM or CCOM requirement (3-5)

Huxley Core Requirements: (20-29 credits)

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)

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 Introduction 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 361 Water Quality (3)
ESCI 463 Wetlands for Wastewater Treatment (3)

One from:

ESCI 436 Environmental Impact Assessment (5)
ESCI 470 Ecological Restoration (4)
ESCI 490 Environmental Risk Assessment (4)
ESCI 491 Oceanography of Puget Sound (4)
ESTU 436 Environmental Impact Assessment (5)
ESTU 470 Planning Studio (6)
ESTU 496 Environmental Stewardship (5)

One from Environmental Applications Experience: (minimum 10)

ESTU 498a Senior Thesis (10-15)
ESTU 498b Internship (10-15)
ESTU 498c Senior Project (10-15)
ESTU 498d International Study (10-15)
Electives under faculty advisement (16-25 credits)

Approved Capstone Course: list available on Huxley College Website

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 (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)

Community Education and Mass Communications Track (23 credits)

ESTU 479 Environmental Interpretation Methods (4)
ESTU 480 Planet Staff (2)
ESTU 481 Environmental Journalism (4)
ESTU 486 Community-Based Environmental Education (5)

These courses are offered within this major and may be used to satisfy GUR or Writing Proficiency requirements.

QSR: CSCI 145; MATH 124 or higher

SSC: ECON 206, 207

LSCI: CHEM 121, 122, 123; PHYS 121, 122, 123

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

Environmental Education Options:

B.A. in Geography/Social Studies (88-93 credits) This program 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)

B.A.Ed. in Geography—Elementary (45 credits, plus 104 for the Elementary Education Professional Program)

Minor in Environmental Education (26 credits)