

# Environmental Studies – Elementary, BAE



2011-2012

## What Is the Environmental Studies-Elementary Major?

This program fulfills the academic major requirements for elementary education candidates who wish to have a solid background in studies related to the environment.

Although environmental studies itself is not an endorsable area, some of the courses might be counted toward endorsement in other areas. Students should contact a faculty advisor for clarification of course work applications. This major must be accompanied by the professional preparation program in Elementary Education offered through Woodring College of Education.

## Why Should I Consider This Major?

Are you excited about teaching children about the environment? Do you want to teach people to make environmental choices in their lives? Perhaps an Environmental Studies-Elementary major is for you!

## How to Declare:

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

**Admissions:** Admission to Huxley College and its majors is selective and based upon the following four criteria:

1. Completion of required preparatory course work
2. Brief essay in response to a given question
3. Relevant experience
4. Academic performance (GPA)

**Application Deadlines:** Applications should be submitted to Huxley College by April 25 for admission in summer or fall quarters; October 6 for admission winter quarter; and January 15 for admission spring quarter.

## Applying to the Elementary Education Professional Program:

Admission to the Elementary Education Professional Program is required before a student may begin taking courses in the Professional Sequence. Requirements for consideration of an application include:

- Completion of a minimum of 45 credits (most or all GURs complete)
- Cumulative grade point average of 2.75 or higher overall or for the last 45 credits
- Acceptable WEST-B scores. This test is offered 6 times a year at various sites in the state. Visit the WEST-B website at [www.west.nesinc.com](http://www.west.nesinc.com) for more information.
- Completion of an English composition course with grade of B- or higher
- Completed application

Meeting the above criteria makes the applicant eligible for admission, but does not guarantee admission. For further information, visit Teacher Education Admissions, Miller Hall 214, 360-650-3313 or visit the web site at [www.wce.wvu.edu/admiss](http://www.wce.wvu.edu/admiss). See also: Elementary Education Professional Program Guide

### Contact Information:

**Huxley College of the Environment Website:**

<http://www.wvu.edu/huxley/>

### Major Information

**Undergraduate Advisor:**

Kathryn Patrick

ES 539, 360-650-3520

[Kathryn.Patrick@wvu.edu](mailto:Kathryn.Patrick@wvu.edu)

### Department Chair:

Michael Medler

AH 210, 360-650-3173

[Michael.Medler@wvu.edu](mailto:Michael.Medler@wvu.edu)

### Elementary Education

**Professional Program Information**

MH 300

360-650-3336

<http://www.wce.wvu.edu/Depts/ELED/>

### Teacher Education Admissions

MH 150

360-650-3313

[www.wce.wvu.edu/admiss](http://www.wce.wvu.edu/admiss)

### Elementary Education

**Professional Program Advisor and Program Manager:**

Ellen Kreider

MH 301D

360-650-7948

[Ellen.Kreider@wvu.edu](mailto:Ellen.Kreider@wvu.edu)

### Sample Careers:

Elementary Teacher

### Major/Career Resources:

[http://www.careers.wvu.edu/students\\_choosingamajor.shtml](http://www.careers.wvu.edu/students_choosingamajor.shtml)

# Environmental Studies- Elementary, BAE (61-68 + 106 credits)

Students are advised to see the department for GPA requirements within the major.

## Preparatory courses (16-19 credits)

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- CHEM 121 - GENERAL CHEMISTRY I
  
- One course from:
  - BIOL 101 - INTRODUCTION TO BIOLOGY
  - BIOL 204 - INTRODUCTION TO EVOLUTION, ECOLOGY AND BIODIVERSITY
  
- One course from:
  - MATH 114 - PRECALCULUS I
  - MATH 156 - ALGEBRA WITH APPLICATIONS TO BUSINESS AND ECONOMICS
  
- Additional Lab Science course in BIOL, CHEM, GEOL or PHYS

## Major (45-49 credits)

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- ESTU 371 - ENVIRONMENTAL EDUCATION
- ESTU 372 - THE ENVIRONMENTAL EDUCATION CURRICULUM
  
- One course from:
  - ESCI 302 - ENVIRONMENTAL POLLUTION
  - ESCI 310 - ENVIRONMENTAL SYSTEMS
  - ESCI 325 - FUNDAMENTALS OF ECOLOGY
  - ESCI 392 - INTRODUCTION TO GLOBAL CHANGE
  
- One course from:
  - ESCI 309 - EXPLORING ENVIRONMENTAL DATA
  - ESCI 321 - OCEANOGRAPHY
  - ESCI 330 - NATURAL HISTORY OF THE PACIFIC NORTHWEST
  - ESCI 333 - INTRODUCTION TO ENVIRONMENTAL TOXICOLOGY
  - ESCI 361 - WATER QUALITY
  - ESCI 463 - WETLANDS FOR WASTEWATER TREATMENT
  
- Two courses from:
  - ESTU 303 - HUMAN ECOLOGY AND SUSTAINABILITY
  - ESTU 304 - ENVIRONMENT AND RESOURCE POLICY
  - ESTU 305 - ENVIRONMENTAL HISTORY AND ETHICS
  
- Electives under advisement (23-25 credits)
  
- Maximum 2 courses allowed from ESCI 300- and 400-level
  
- ESTU 300- and 400-level

## Other Environmental Studies Options

Environmental Education Minor

Environmental Education- Outdoor Education and Interpretation  
Emphasis, BA

Environmental Studies Minor

## Elementary Education Professional Program Requirements (106 credits)

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### Professional Studies Core (25 credits)

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- EDUC 301 - EDUCATIONAL PSYCHOLOGY I: DEVELOPMENT AND INDIVIDUAL DIFFERENCES
- EDUC 302 - EDUCATIONAL PSYCHOLOGY II: MOTIVATION, LEARNING AND ASSESSMENT
- EDUC 310 - THE TEACHER AND THE SOCIAL ORDER
- ELED 370 - INTRODUCTION TO TEACHING
- I T 344 - BASIC INSTRUCTIONAL TECHNOLOGY SKILLS
- I T 442 - CLASSROOM USE OF INSTRUCTIONAL TECHNOLOGY (ELEMENTARY)
- SPED 364 - Teaching Each Student

### Elementary Program — Methods, Curriculum Content, and Field Experiences (81 credits)

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- ART 380 - ART EDUCATING THE CHILD
- ELED 425 - SOCIAL STUDIES FOR THE ELEMENTARY SCHOOL
- ELED 470 - DEVELOPING TEACHING
- ELED 471 - DOCUMENTING TEACHING
- ELED 480 - LITERACY: BEGINNING COMMUNICATORS
- ELED 491 - SEPTEMBER EXPERIENCE
- ELED 492 - PRACTICUM: EXPERIENCE IN LITERACY METHODS
- ELED 494 - INTERNSHIP - ELEMENTARY
- HLED 455 - HEALTH EDUCATION GRADES K-8
- MATH 381 - TEACHING K-8 MATHEMATICS I
- MATH 382 - TEACHING K-8 MATHEMATICS II
- MATH 383 - TEACHING K-8 MATHEMATICS III
- MATH 491 - INTERNSHIP SEMINAR - TEACHING K-8 MATHEMATICS
- MUS 361 - MUSIC FOR ELEMENTARY TEACHERS
- PE 345 - PHYSICAL EDUCATION FOR ELEMENTARY SCHOOL
- SCED 480 - SCIENCE METHODS AND CURRICULUM FOR THE ELEMENTARY SCHOOL
- SCED 490 - LABORATORY/FIELD EXPERIENCE IN ELEMENTARY SCIENCE
- SPED 430 - PROBLEM SOLVING FOR DIVERSE NEEDS

## General University Requirements (GUR):

The courses below are offered within this major and may also be used to satisfy GUR or Writing Proficiency Requirements.

**QSR:** MATH 114, 156

**LSCI:** BIOL 101, 204; CHEM 121

**WP:** Three Writing Proficiency points are required for graduation (noted as WP1,2 and 3). Check *Classfinder* or *Online Timetable* for departmental offerings each quarter.