

## Program Requirements

### Prerequisites for Admission

- Basic chemistry
- Basic math
- Basic biology

A student can show proficiency in the above prerequisites through their undergraduate degree, taking CLEP exams, or experience. Alternatively a program can be specified to remedy deficiencies.

- Graduate Record Exam (GRE)

### Additional Requirements

MS students are required to complete 36 credit hours and Ph.D. students are required to complete 60 hours above the MS degree or 90 hours above the BS degree, including dissertation hours.

Ph.D. students must also satisfy the following requirements:

### Skill Component (6 hours)

The skill component may entail quantitative research methods; qualitative research methods (e.g., in-depth interviews, participant-observation, content analysis); and/or a computer language or foreign language as appropriate to the student's research interests.

### Dissertation (15-24 hours)

The student must perform research that contributes substantially to the advancement of the environmental profession. At the conclusion of the student's program, an oral defense of the written dissertation is required.

## Faculty

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## Environmental Education Specialization

- Outdoor Education
- K-12 Education
- Early Childhood-Daycare
- State and Federal Government
- Education & Research Foundations

Environmental Science Graduate Program  
Oklahoma State University  
003 Life Sciences East  
Stillwater OK 74078-3011

<http://environ.okstate.edu>  
405-744-9229  
or 1-888-477-7422



## Program Description

The Environmental Education Specialization is constructed to accommodate traditional and non-traditional students. The MS and PhD will give further breadth to students for their success in the Environmental Education field.

Graduates with the Environmental Education specialization have a wide variety of career opportunities including teaching K-12, teaching or researching at educational institutions, research facilities, corporations, government agencies such as NASA and EPA, non-government organizations, and others.

## Research Component

An integral part of the graduate training in EE is the development of research skills usually accomplished through a field and/or classroom research project. Graduate research opportunities are available in many environments (ranging from the natural outdoor setting to the classroom) and audiences (ranging from adults to children). Graduate students conduct their research under the guidance of their major professors. EE students are expected to produce manuscripts based on original research that are suitable for publication in peer-reviewed journals.

## Required Courses



ENVR 5300: Seminar in Environmental Science  
A Social Science Course  
A Natural Science Course  
Everyone must also have an upper division ecology course. PhD students must also complete six hours of a skill component.

## Suggested Social Science Courses



AGEC 5503 Economics of Natural and Environmental Resource Policy  
CIED 5423 Environmental Education in Curriculum  
LEIS 5403 Interpretive Services  
LEIS 4473 Recreation in the Natural Environment  
LEIS 6023 Special Topics: Wilderness  
POLS 4363 Environmental Law & Admin.  
POLS 5633 Practical Environmental Compliance  
SOC 5463 Seminar in Environmental Sociology

## Suggested Natural Science Courses



CIVE 4823 Human Impact on the Environment  
CIVE 5010 Introduction to Environmental Modeling  
CIVE 5833 Water Quality Management  
FOR 4813 Forest Watershed Mgt.  
GEOG 4343 GIS  
GEOG 4333 Remote Sensing  
GEOL 4453 Hydrogeology  
GEOL 4463 Physical Hydrogeology  
GEOL 5553 Environmental Geochemistry

## Study and Research Areas

- Outdoor education for varied audiences
- Natural resource management
- College curriculum and teaching
- K-12 environmental curriculum and teaching
- Government agencies
- Non-profit, advocacy agencies
- Informal education: naturalist, zoos, nature centers, parks, museums



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