



Program in Wildlife and Conservation Science School of the Environment

Degree

Bachelor of Science in Earth and
Environmental Sciences

Major

Wildlife and Conservation Science

Basic

Pre-Veterinary

Minors

Earth Sciences

Environmental Science

Forestry

Geospatial Analysis

Natural Resources

Wildlife Ecology

Program Strengths

Get hands-on experience with wildlife and
conservation at

- The Bear Research, Education, and
Conservation Program
- The Wild Ungulate and Small Mammal
Research Facility
- The Large Carnivore Conservation Lab
- The Endangered Species Laboratory
- The Conservation Genetics and Environmental
DNA Laboratory
- Geographic Information Systems labs

Work closely with professors who are nationally
recognized experts in:

- Large carnivore management and conservation
- Behavioral ecology, reproduction, and nutrition
of wildlife
- Habitat restoration and conservation of
endangered species
- Forest, grassland, and wetland habitat
management
- Landscape and conservation genetics

Benefit from an integrated curriculum that allows
you learn about wildlife from all angles

Admission to the Major Requirements

Students may be admitted as Earth and
Environmental Sciences majors upon declaring
their intent to the department.

Suggested Classes for Freshmen

BIOL 106: Introductory Biology: Organismal Biology

BIOL 107: Introductory Biology: Cell Biology and Genetics

CHEM 101: Introduction to Chemistry

OR CHEM 105: Principles of Chemistry I

MATH 106: College Algebra

MATH 108: Trigonometry

Suggested Classes for Transfer Students

SOE 204: Natural Resources Measurements

SOE 300: Natural Resources Ecology

SOE 310: Methods in Wildlife Ecology

SOE 301: Forest Plants & Ecosystems

SOILS 368: Introduction to Geographic Information Systems

Math Requirement

MATH 106: College Algebra

MATH 108: Trigonometry

STAT 212: Introduction to Statistical Methods

Advanced Statistics Class

School of the Environment Core Courses

Ecology, Earth Systems, Water Science, Modeling and
Spatial Analysis, Society and Environmental Management,
Statistics, Advanced Communications, Integrated
Capstone, Experiential Learning Opportunity

Wildlife Ecology and Conservation Science Core Courses

SOE 310: Methods in Wildlife Ecology

SOE 435: Wildlife Ecology

SOE 450: Conservation Biology

SOE 431: Wildlife Nutrition

SOE 446: Wildlife Habitat Ecology

Two animal systematics courses: Mammalogy,
Ornithology, Amphibians and Reptiles, Fish Biology

SOE 204: Natural Resources Management

SOE 301: Forest Plants and Ecosystems

SOE 302: Arid Land Plants and Ecosystems

SOE 438: Natural Resources Policy and Law

SOE 441: Population Ecology



Program in **Wildlife and Conservation Science** School of the Environment

Student Clubs

The Wildlife Society
Forestry Club
Environmental Science Club
Geology Club

Career Options

Wildlife biologist, manager, or researcher
Fishery biologist, manager, or researcher
Conservation biologist/Endangered
species specialist
Wildlife refuge manager
Wildlife officer
Veterinarian
Zookeeper
Natural resources manager
Environmental consultant
Environmental educator

For more information:

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Notes:

The School of the Environment is affiliated with both the College of Arts and Sciences and the College of Agricultural, Human, and Natural Resource Sciences.

