



# 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

## Certification Requirements

24 completed semester credits  
2.0 minimum grade point average

## 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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509-335-3009

## Advisors

Alecia Hoene  
Academic Advisor  
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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.

