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

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
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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

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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.

WASHINGTON STATE UNIVERSITY