Program in  
Environmental and Ecosystem Sciences  
School of the Environment

**Degree Options**  
Bachelor of Science in Earth and Environmental Sciences

**Major**  
Environmental and Ecosystem Sciences

**Minors**  
- Earth Sciences  
- Environmental Science  
- Forestry  
- Geospatial Analysis  
- Natural Resources  
- Wildlife Ecology

**Program Strengths**  
- Benefit from a program that prepares students to address the challenges of global change, environmental and resource conservation, and sustainability  
- Choose from three campuses—Pullman, Vancouver, and Tri-Cities  
- Acquire hands-on experience from campus ecology laboratories, field camps, internship programs, and study abroad opportunities  
- Work closely with professors who are nationally recognized for:  
  - Environmental science  
  - Conservation biology and genetics  
  - Climate change biology  
  - Landscape and restoration ecology  
  - Aquatic ecology and water resource management  
  - Plant and wildlife ecology and management  
  - Earth science  
- Benefit from a flexible interdisciplinary science curriculum that prepares you for numerous careers and graduate school that inspire you to make a difference in the real world  
- Academic and professional advising throughout your time here to support your optimum scholarly, professional and personal growth

**Certification Requirements**  
- 24 completed semester credits  
- 2.0 minimum grade point average

**Suggested Classes for Freshmen**  
- BIOL 106: Introductory Biology: Organismal Biology  
- CHEM 101: Introduction to Chemistry  
  - OR CHEM 105: Principles of Chemistry I  
- SOE 110: The Environment, Human Life, and Sustainability  
- MATH 106: College Algebra  
- MATH 108: Trigonometry

**Suggested Classes for Transfer Students**  
- SOE 275: Watersheds and Communities  
- SOE 285: Science and Policy of Climate Change  
- SOE 310: Modeling the Environment  
- SOE 315: Water and the Earth  
- SOE 300: Natural Resource Ecology  
  - OR BIOL 372: General Ecology  
- SOE 312: Natural Resources and Society  
- SOE 460: Watershed Management  
- SOILS 368: Introduction to Geographic Information Systems

**Math Requirement**  
- MATH 106: College Algebra  
- MATH 108: Trigonometry  
- STAT 212: Introduction to Statistical Methods  
- Advanced statistics course

**School of the Environment Core Courses**  

**Environmental and Ecosystem Sciences Core Courses**  
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Student Clubs
Environmental Science Club
Geology Club
The Wildlife Society
Forestry Club

Career Options
Conservation biologist or hydrologist
Aquatic, stream or wetland ecologist
Water resource specialist
Landscape or forest ecologist or manager
Restoration ecologist
Environmental engineer, educator, or consultant
Range manager
Land, watershed, natural area, park
or wildlife refuge manager
Resource policy advisor
Sustainability program coordinator
Federal Farm Program or Conservation District staff
Numerous international options

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.