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:
environment.wsu.edu
soe@wsu.edu
509-335-3009

Advisor – Pullman campus
Alecia Hoene
Academic Advisor
alecia.hoene@wsu.edu
Webster 1229
509-335-6166

Advisor – Vancouver campus
Emily Earhart
Academic Advisor
eearhart@vancouver.wsu.edu
VSCI 130E
(360) 546-9459

Advisor – TriCities campus
Kristen Wilson
Academic Coordinator
kristenwilson@tricity.wsu.edu
West 207D
(509) 372-7614

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.