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
Environmental Science
Natural Resources
Earth Sciences
Wildlife Ecology
Forestry
Rangeland Ecology and Management
Sustainable Development
Geospatial Analysis

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

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
ENVR SCI 101: The Environment, Human Life, and Sustainability
MATH 106: College Algebra
MATH 108: Trigonometry

Suggested Classes for Transfer Students
ENVR SCI 275: Watersheds and Communities
ENVR SCI 285: Science and Policy of Climate Change
ENVR SCI 310 Modeling the Environment
GEOL 315: Water and the Earth
NATRS 300: Natural Resource Ecology
  OR BIOL 372: General Ecology
NATRS 312: Natural Resources and Society
NATRS 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

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School of the Environment Core Courses

Environmental and Ecosystem Sciences Core Courses
Program in
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School of the Environment

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

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

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