



University of Idaho

Environmental Science Program

Environmental Science: Integrated Sciences emphasis

Understanding & Protecting Our Environment

Today's global environmental problems demand professionals who grasp the complex physical, biological, and social contexts for those problems. Take advantage of this unique program to develop a strong foundation in both environmental science and the human dimensions of environmental issues. Work to develop your own focus by choosing courses from across the University of Idaho. In addition, through this option you will seamlessly incorporate a semester study program, minor, or certificate program to deepen your skillset and increase your marketability across the full range of environmental careers.

FRESHMAN

COURSE	FALL CREDITS
ENVS 101 - Introduction to Environmental Science	3
ENVS 102 - Field Activities	1
ENGL 101 - Introduction to College Writing	3
ENVS 201 - Careers in the Environmental Sciences	3
COMM 101 - Fundamentals of Oral Communications	2
General Education Requirement	3

TOTAL 15

SPRING

COURSE	CREDITS
ENGL 102 - College Writing & Rhetoric	3
MATH 143 - Pre-Calc Algebra & Analytical Geometry OR	
MATH 160 - Survey of Calculus OR	3-4
MATH 170 - Analytical Geometry & Calculus I	
Minor/Certificate/ Semester-long experience	3
General Education Requirement	3
General Education Requirement	3

TOTAL 15-16

SUMMER BEFORE SOPHOMORE, JUNIOR, OR SENIOR YEAR

COURSE	CREDITS
ENVS 498 - Environmental Science Internship OR can take during fall/spring semester	1

TOTAL 1

SOPHOMORE

COURSE	FALL CREDITS
GEOL 101/101L - Physical Geology & Lab OR	
GEOL 111/111L - Physical Geology for Science Major & Lab OR	4
SOIL 205/206 - The Soil Ecosystem OR	
GEOG 100/100L - Physical Geography & Lab	
BIOL 114 - Organisms & Environment OR	
CHEM 101/101L - Introduction to Chemistry & Lab OR	4
CHEM 111/111L - Principles of Chemistry & Lab	
Topic Area Course OR	
Minor/Certificate	3
ECON 202 - Principles of Microeconomics OR	
ECON 272 - Foundations of Economic Analysis	3-4

TOTAL 14-15

SPRING

COURSE	CREDITS
FOR/REM 221 - Principles of Ecology OR	
WLF 220 - Principles of Ecology	3
STAT 251 - Statistical Methods OR	
STAT 301 - Probability & Statistics	3
ENVS 225 - International Environmental Issues Seminar OR	
AIST 314 - Tribal Sovereignty and Federal Policy	3
GEOG 385 - GIS Primer OR	
FOR/NRS 375 - Introduction to Spatial Analysis NR Management	3
Topic Area Course OR	
Minor/Certificate	3

TOTAL 15

JUNIOR

FALL

COURSE	CREDITS
Minor/Certification	3
Topic Area Course OR Minor/Certification	3
Topic Area Course OR Minor/Certification	3
Topic Area Course OR Minor/Certification	3
General Education Requirement	3

TOTAL 15

SPRING

COURSE	CREDITS
ENGL 316 - Environmental Writing OR ENGL 317 - Technical Writing OR ENGL 318 / JAMM 328 - Science Writing OR WLF 370 - Management & Communication of Scientific Data OR NRS 387 - Environmental Communication Skills	3
ENVS 300 - Seminar	1
ENVS 450 - Environmental Hydrology OR GEOL 309 - Groundwater Hydrology OR FISH 415 - Limnology OR FOR 462 - Water Shed Science & Management OR ENVS 448 - Drinking Water & Human Health	3
General Education Requirement	3
Topic Area Course OR Minor/Certification	3

TOTAL 13

SENIOR

FALL

COURSE	CREDITS
ENVS 497 - Senior Research OR ENVS/NRS 476 - Environmental Project Management & Decision Making	2-4
PHIL 452 - Environmental Philosophy	3
NRS 235 - Society & Natural Resources OR NRS 311 - Public Involve in NR Mgmt OR ENVS/NRS 386 - Managing Complex Environmental Systems OR GEOG 420 - Land, Resource & Env OR SOC 465 - Environmental Justice OR SOC 466 - Climate Change & Society OR ENVS 420 - Intro to Bioregional Planning OR ENVS 423 - Planning Sustainable Places	2-3
NRS/POLS 364 - Politics of the Environment OR AGEC 477 - Law, Ethics, & the Environment OR NRS/POLS 462 - Natural Resource Policy OR ENVS 479 - Introduction to Environmental Regulations OR GEOG 488 - Geography of Energy Systems OR NRS 488 - NEPA in Policy & Practice	3
NRS 310 - Social Science Methods	4

TOTAL 14-17

SPRING

COURSE	CREDITS
ENVS 497 - Senior Research OR ENVS/NRS 476 - Environmental Project Management & Decision Making	2-4
GEOG 313 - Global Climate Change OR GEOG 435 - Climate Change Mitigation OR GEOG 455 - Societal Resilience & Adaptation to Climate Change	3
Minor/Certification	3
Topic Area Course	3
Topic Area Course	3

TOTAL 14-16

Additional Requirements

ONE ADDITIONAL UPPER LEVEL COURSE FROM FIVE DIFFERENT TOPICS

CREDITS - 15

Advanced Technical Climate Change Communication Contaminants Earth Science	Human Dimensions Ecology Economics Energy Geospatial	Planning Policy Sustainability Water
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COMPLETE ONE OF THE FOLLOWING

CREDITS

Minor Certificate Accredited semester long academic program	12-18
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- This academic plan is intended as a guideline only and does not replace academic advising.
- See course catalog and department website for complete degree requirements and additional information.

- 120 credits minimum are required for a B.S. in Environmental Science.
- Minimum of 40 upper-division credits required to graduate.
- A 5-year academic plan is an option. See department website for additional information.

