



University of Idaho
Environmental Science Program

Environmental Science: Culture & Communication emphasis

Understanding & Protecting Our Environment

Today's global environmental problems demand professionals who grasp the complex social, political, historical, rhetorical, and economic 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. Focus your studies through courses in sociology, philosophy, history, English, and environmental justice, while building skills for careers in environmental law, consulting, journalism, science writing, public affairs, and community organizing.

FRESHMAN

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

TOTAL 15

FALL

| COURSE | CREDITS |
|--|---------|
| NRS 235 - Society & Natural Resources | 3 |
| ENGL 102 - College Writing & Rhetoric | 3 |
| MATH 143 - College Algebra OR MATH 160 - Survey of Calculus OR MATH 170 - Analytical Geometry & Calculus I | 3-4 |
| Free Elective | 3 |
| General Education Requirement | 3 |

SPRING

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 | CREDITS |
|--|---------|
| BIOL 114 - Organisms & Environments OR CHEM 101/101L - Introduction to Chemistry w/Lab OR CHEM 111/111L - General Chemistry I w/Lab | 3 |
| ECON 202 - Principles of Microeconomics OR ECON 272 - Foundations of Economic Analysis | 3-4 |
| GEOL 101/101L - Physical Geology w/Lab OR GEOL 111/111L - Physical Geology for Science Majors & Lab OR SOIL 205/206 - The Soil Ecosystem w/Lab OR GEOG 100/100L - Physical Geography w/Lab | 3 |
| General Education Requirement | 3 |
| General Education Requirement | 3 |

TOTAL 15-16

FALL

| COURSE | CREDITS |
|--|---------|
| STAT 251 - Statistical Methods OR STAT 301 - Probability & Statistics | 3 |
| ENVS 225 - International Environmental Issues Seminar OR AIST 314 - Tribal Sovereignty & Federal Policy | 3 |
| GEOG 385 - GIS Primer OR FOR/NRS 375 - Introduction to Spatial Analysis NR Management | 3 |
| GEOG 313 - Global Climate Change OR FOR/REM 221 - Principles of Ecology OR WLF 220 - Principles of Ecology | 3 |
| General Education Requirement | 3 |

SPRING

TOTAL 15

JUNIOR

FALL

SPRING

| COURSE | CREDITS |
|--|---------|
| ENGL 316 - Environmental Writing OR ENGL 317 - Technical Writing OR ENGL 318 - Science Writing OR | 3 |
| HIST 424 - American Environmental History | 3 |
| ENVS/NRS 386 - Managing Complex Environmental Systems | 3 |
| Free Elective | 3 |
| General Education Requirement | 3 |

TOTAL 15

| COURSE | CREDITS |
|---|---------|
| ENVS 300 - Seminar | 1 |
| ENGL 322 - Environmental Literature & Cultures | 3 |
| GEOG 309 - Groundwater Hydrology OR FISH 315 - Limnology OR | 3 |
| ENVS 450 - Environmental Hydrology OR FOR 462 - Water Shed Science & Management OR ENVS 448 - Drinking Water & Human Health | 3 |
| PHIL 352 - Philosophy, Politics & Economics | 3 |
| General Education Requirement | 3 |
| ENVS 498 - Environmental Science Internship | 1 |

TOTAL 14

SENIOR

FALL

SPRING

| COURSE | CREDITS |
|--|---------|
| ENVS 497 - Senior Research OR ENVS/NRS 476 - Environmental Project Management & Decision Making | 2-4 |
| ENVS 452 - Environmental Philosophy | 3 |
| SOC 346 - Responding to Risk OR SOC 342 - Gender & Science OR SOC 465 - Environmental Justice OR SOC 466 - Climate Change and Society | 3 |
| SOC 341 - Science, Tech, & Society OR SOC 340 - Environmental Sociology & Globalization OR SOC/ANTH 350 - Food, Culture & Society OR GEOG 420 - Land, Resource & Environment | 3-4 |
| NRS/POLS 364 - Politics of the Environment OR NRS/POLS 462 - Natural Resource Policy | 3 |

TOTAL 14 -16

| COURSE | CREDITS |
|--|---------|
| ENVS 497 - Senior Research OR ENVS/NRS 476 - Environmental Project Management & Decision Making | 2-4 |
| NRS 387 - Environmental Communication Skills OR COMM 410 - Conflict Management | 3 |
| PHIL 351 - Philosophy of Science OR PHIL 417 - Philosophy of Biology OR PHIL 450 - Ethics in Science | 3 |
| GEOG 435 - Climate Change Mitigation OR GEOG 455 - Societal Resilience & Adaptation to Climate Change | 3 |
| General Education Requirement | 3 |

TOTAL 14 -16

- 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.

