



**University of Idaho**  
Environmental Science Program

# Environmental Science: Culture and Communication

## 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                                         |                                                   | FALL<br>Credits |
|------------------------------------------------|---------------------------------------------------|-----------------|
| ENGL 101                                       | Writing and Rhetoric I                            | 3               |
| ENVS 101                                       | Introduction to Environmental Science             | 3               |
| ENVS 102                                       | Field Activities in Environmental Sciences        | 1               |
| MATH 143 or MATH 160 or MATH 170               | College Algebra, Survey of Calculus or Calculus I | 3               |
| COMM 101 or COMM 150 or AGED 101 or PHIL 102   | Oral Communication Course                         | 3               |
| Humanistic and Artistic Ways of Knowing Course | Humanistic and Artistic Ways of Knowing Course    | 3               |
| <b>Hours</b>                                   |                                                   | <b>16</b>       |

### FRESHMAN

| Course                                                           |                                                              | SPRING<br>Credits |
|------------------------------------------------------------------|--------------------------------------------------------------|-------------------|
| ENGL 102                                                         | Writing and Rhetoric II                                      | 3                 |
| ECON 202 or ECON 272                                             | Prin of Microeconomics or Found of Economic Analysis         | 3                 |
| NRS 235                                                          | Society and Natural Resources                                | 3                 |
| BIOL 114 or (CHEM 101 AND CHEM 101L) or (CHEM 111 AND CHEM 111L) | Intro to Chemistry, General Chemistry or orgs & Environments | 4                 |
| Elective Course                                                  | Elective Course                                              | 2                 |
| <b>Hours</b>                                                     |                                                              | <b>15</b>         |

### SOPHOMORE

| Course                                         |                                                 | FALL<br>Credits |
|------------------------------------------------|-------------------------------------------------|-----------------|
| STAT 251 or STAT 301                           | Statistical Methods or Probability & Statistics | 3               |
| ENVS 201                                       | Careers in the Environmental Sciences           | 3               |
| American Diversity Course                      | American Diversity Course                       | 3               |
| Humanistic and Artistic Ways of Knowing Course | Humanistic and Artistic Ways of Knowing Course  | 3               |
| Technical Elective, Major Elective Course      | Technical Elective, Major Elective Course       | 3               |
| <b>Hours</b>                                   |                                                 | <b>15</b>       |

### SOPHOMORE

| Course                                                                                    |                                                          | SPRING<br>Credits |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------|
| ENVS 300                                                                                  | Environmental Sci Seminar                                | 1                 |
| PHIL 352                                                                                  | Philosophy, Politics, and Economics                      | 3                 |
| ENVS 225 or AIST 314                                                                      | Intl Environmental Issues Sem or Tribal Sov & Fed Policy | 3                 |
| (GEOG 100 and LAB) or (GEOL 101 and LAB) or (GEOL 111 and LAB) or (SOIL 205 AND SOIL 206) | Geography, Geology or Soil                               | 4                 |
| International Course                                                                      | International Course                                     | 3                 |
| <b>Hours</b>                                                                              |                                                          | <b>14</b>         |

**JUNIOR**

| Course                                   |                                                | FALL<br>Credits |
|------------------------------------------|------------------------------------------------|-----------------|
| PHIL 452                                 | Environmental Philosophy                       | 3               |
| FOR 221/REM 221/WLF 220 or GEOG 313      | Principles of Ecology or Global Climate Change | 3               |
| ENGL 316 or ENGL 317 or ENGL 318         | Upper Level Writing Course Requirement         | 3               |
| SOC 342 or SOC 346 or SOC 465 or SOC 466 | Social Aspects Course Requirement              | 3               |
| Elective Course                          | Elective Course                                | 3               |
| Hours                                    |                                                | 15              |

**JUNIOR**

| Course                                                |                                                       | SPRING<br>Credits |
|-------------------------------------------------------|-------------------------------------------------------|-------------------|
| HIST 424                                              | American Environmental History                        | 3                 |
| ENGL 322                                              | Climate Change Fiction                                | 3                 |
| ENVS 386/NRS 386                                      | Managing Complex Environmental Systems                | 3                 |
| GEOG 420 or SOC 340 or SOC 341 or SOC 350             | Environment & Society Course Requirement              | 3                 |
| Physical Science Area Elective, Major Elective Course | Physical Science Area Elective, Major Elective Course | 3                 |
| Hours                                                 |                                                       | 15                |

**SENIOR**

| Course                                                |                                                           | FALL<br>Credits |
|-------------------------------------------------------|-----------------------------------------------------------|-----------------|
| ENVS 497 or NRS 476 (in spring)                       | Senior Research or Env Proj Mgmt/Decision Making          | 2               |
| GEOG 309 or ENVS 450 or FISH 415 or FOR 462           | Water Related Course                                      | 3               |
| PHIL 351 or PHIL 417 or PHIL 450                      | Phil of Science, Phil of Biology or Ethics in Science     | 3               |
| COMM 410 or NRS 387                                   | Conflict Management or Environmental Communication Skills | 3               |
| Physical Science Area Elective, Major Elective Course | Physical Science Area Elective, Major Elective Course     | 3               |
| Elective Course                                       | Elective Course                                           | 1               |
| Hours                                                 |                                                           | 15              |

**SENIOR**

| Course                       |                                                           | SPRING<br>Credits |
|------------------------------|-----------------------------------------------------------|-------------------|
| ENVS 498                     | Internship                                                | 1                 |
| ENVS 497 or NRS 476          | Senior Research or Env Proj Mgmt/Decision Making          | 2                 |
| NRS/POLS 462 or NRS/POLS 364 | Politics in the Environment or Natural Resource Policy    | 3                 |
| GEOG 435 or GEOG 455         | Clim Chng Mitigation or Soc Resil & Adapt to Climate Chng | 3                 |
| Elective Course              | Elective Course                                           | 3                 |
| Elective Course              | Elective Course                                           | 3                 |
| Hours                        |                                                           | 15                |

- 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.



**University of Idaho**  
Environmental Science Program