



University of Idaho
Environmental Science Program

Environmental Science: Ecological Restoration 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 the biophysical aspects of ecological restoration, while understanding the human contexts that shape how restoration is conducted. Focus your studies through courses in water, climate science, ecology, geospatial technologies, and soils, while building skills for careers including environmental analysis, restoration and remediation, consulting, environmental impact assessment, and many more.

FRESHMAN

Course		FALL	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	College Algebra		3
COMM 101 or COMM 150 or AGED 101 or PHIL 102	Oral Communication Course		3
Social and Behavioral Ways of Knowing	Social and Behavioral Ways of Knowing		3
Hours			16

FRESHMAN

Course		SPRING	Credits
CHEM 111	General Chemistry I		3
CHEM 111L	General Chemistry I Laboratory		1
ENGL 102	Writing and Rhetoric II		3
ECON 202 or ECON 272	Prin of Microeconomics or Found of Economic Analysis		3
MATH 160 or MATH 170	Survey of Calculus or Calculus I		4
Elective Course	Elective Course		1
Hours			15

SOPHOMORE

Course		FALL	Credits
BIOL 115	Cells and the Evolution of Life		3
BIOL 115L	Cells and the Evolution of Life Laboratory		1
STAT 251 or STAT 301	Statistical Methods or Probability & Statistics		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 Requirement		4
ENVS 201	Careers in the Environmental Sciences		3
Hours			14

SOPHOMORE

Course		SPRING	Credits
CHEM 112	General Chemistry II		4
CHEM 112L	General Chemistry II Laboratory		1
ENVS 300	Environmental Sci Seminar		1
ENVS 225 or AIST 314	Intl Environmental Issues Sem or Tribal Sov & Fed Policy		3
FOR 221/REM 221/WLF 220	Principles of Ecology		3
Humanistic and Artistic Ways of Knowing	Humanistic and Artistic Ways of Knowing		3
Hours			15

JUNIOR

Course		FALL Credits
NRS 310	Social Science Methods	4
PHIL 452	Environmental Philosophy	3
NRS/FOR 375 or GEOG 385	Fundamentals of Geomatics or Foundations of GIS	3
ENGL 322 or HIST 424	Studies in Evn Lit & Culture or American Env History	3
FISH 496 or PLSC 419 or REM 280 or NRS/REM 440	Restoration Credits Requirement	3
Hours		16

JUNIOR

Course		SPRING Credits
ENGL 316 or ENGL 317 or ENGL 318/JAMM 328 or NRS 387 or WLF 370	Upper Level Writing Course Requirement	3
ENVS/NRS 386 or GEOG 420 or NRS 235 or NRS 311 or SOC 340 or SOC 466	Systems & Resources Course Requirement	3
ENVS 428 or ENVS 429 or FS 409 or GEOL 361 or INDT 364	Environmental Issues Course Requirement	3
American Diversity Course	American Diversity Course	3
Humanistic and Artistic Ways of Knowing Course	Humanistic and Artistic Ways of Knowing Course	3
Hours		15

SENIOR

Course		FALL Credits
ENVS 497 or NRS 476 (SP only)	Senior Research or Env Proj Mgmt/Decision Making	2
GEOG 313 or GEOG 435 or GEOG 455	Climate Change Course Requirement	3
GEOL 309 or ENVS/SOIL 450 or FISH 415 or FOR 462	Water Related Course Requirement	3
AGEC 477 or NRS 311 or NRS 383	Policy & Management Course Requirement	3
American Diversity Course	American Diversity Course	3
Hours		14

SENIOR

Course		SPRING Credits
ENVS 498	Internship	1 to 4
ENVS 497 or NRS 476 (SP only)	Senior Research or Env Proj Mgmt/Decision Making	2
ENVS 479 or GEOG 488 or NRS/POLS 364 or NRS/POLS 462 or NRS 488	Policy & Regulations Course Requirement	3
BE 433 or CHE 455 or SOIL 422 or SOIL 452	Bioremediation, Env Soil Chemistry or Env Water Quality	3
International Course	International 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.

