

Environmental Geology Major

NEXT

OFFERED Required Courses:

- FA/SP** ____ Geol 151 (4) Introduction to Geology or ____ Geol 120 (4) Earth Systems
- SP12,13** ____ Geol 152 (4) Historical Geology (req: 151 or 120)
- FA12,14** ____ Geol 215 (4) Mineralogy and Optical Mineralogy (req: 151 and Chem 103)
- FA** ____ Geol 252 (4) Geomorphology (req: 120 or 151) *formerly Geol 311*
- FA13,15** ____ Geol 304 (3) Geochemistry (req: 215 or 151 plus Chem 104 or permission)
- SP12,14** ____ Geol 312 (4) Environmental Geology (req: 311)
- FA12,14** ____ Geol 317 (4) Sedimentation and Stratigraphy (req: 215 or concurrent)
- FA13,15** ____ Geol 387 (1) Geology as a Vocation (req: junior or senior geology major)
- FA/SP** ____ Geog 261 (4) GIS and Cartography
- FA/SP** ____ EnSt 210 (3) Human Impacts on the Environment (req: not open to first year students)
- FA** ____ EnSt 302 (3) Environment and Society: Issues and Policies (req: Env. St. 210 or permission; not open to first-year students)
- FA/SP** ____ EnSt 385 (3) Internship in Environmental Studies (req: EnSt 210, 302 or permission)
- OR **SP12,14** ____ Geol 351 (3) Geologic Field Mapping (includes 2 weeks in Montana in May)
- SP** ____ EnSt 395 (3) History and Philosophy of Environmental Thought (req: EnSt 210 and 302 or permission)

Two electives from:

- SP12,14** ____ Geol 212 (4) Structural Geology (req: 152 or concurrent)
- FA15** ____ Geol 230 (4) Discovery of Prehistory
- FA13,15** ____ Geol 251 (4) Oceanography (req: highschool chemistry/sophomore standing)
- NOTE:** Stearley on sabbatical Fall 13, replacement uncertain
- FA11,SP13** ____ Geol 316 (4) Igneous and Metamorphic Petrology (req: 215)
- SP13** ____ Geol 322 (4) Coastal Geomorphology (req: 311)
- SP13,15** ____ Geog 361 (4) Advanced Geographic Information Systems (req: completion of Geog 261 with a grade of C or better)
- FA** ____ Chem 253 (5) Fundamentals of Organic Chemistry (req: Chem 104)
- FA** ____ Engr 306 (4) Principles of Environmental Engineering (req: Engr 209 or permission)
- FA/SP** ____ Phys 133 (4) Introductory Physics (req: Math 172 or concurrent, Math 171 and permission)

Required Cognates:

- FA** ____ Chem 103 (4) General Chemistry I
- SP** ____ Chem 104 (4) General Chemistry II (req: Chem 103 or equivalent) OR
Engr 106 (4) Engineering Chemistry (req: Chem 103, Engr 101, Math 170 or 171)
- FA/SP** ____ Math 143 (4) Introduction to Probability and Statistics
OR Math 171 (4) (req: 4 yrs college prep math, excluding stats courses OR Math 110, and results of calculus readiness test administered during orientation)
- FA/SP** ____ Math 132 (4) Calculus for Management, Life, & Social Sciences (req: Math 143 or permission) OR Math 172 (4) Techniques of Integration, Infinite Series & Multivariate Calculus (req: Completion of Math 170 or 171 with C- or better)