

Environmental Science Major - Geology Focus

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 (req: 151 and Chem 103)
- FA** ____ Geol 252 (4) Geomorphology (req: 120 or 151) *formerly Geol 311*
- SP12,14** ____ Geol 312 (4) Environmental Geology (req: 311)
- FA/SP** ____ Biol 123 (4) The Living World
- FA** ____ Biol 225 (4) Ecology & Evolutionary Systems (req: Chem 103, Biol 123, Math 143 concurrent)
- FA** ____ Biol 345 (4) Ecosystem Ecology and Management (req: Biol 225)
- FA** ____ Chem 103 (4) General Chemistry I
- SP** ____ Chem 104 (4) General Chemistry II (req: Chem 103 or equivalent) ____
- FA** ____ Chem 253 (5) Fundamentals of Organic Chemistry (req: Chem 104)
OR Chem 261 (5) Organic Chemistry I (req: Chem 104)
- I 13,15** ____ Chem 271 (3) Environmental Chemistry (req: Chem 253 or 261)

One course from:

- SP12,14** ____ Geol 212 (4) Structural Geology (req: 152 or concurrent)
- FA13,15** ____ Geol 304 (3) Geochemistry (req: Geol 215, or 151 w/Chem 104, or permission)
- FA12,14** ____ Geol 317 (4) Sedimentation and Stratigraphy (req: 215 or concurrent)
- SP13,15** ____ Geol 322 (4) Coastal Geomorphology (req: Geol 252)
- SP** ____ Biol 224 (4) Cellular & Genetic Systems (req: Chem 103, Biol 123, Math 143 concurrent)
- ____ an approved alternative: _____

Environmental Science Cognates:

- FA/SP** ____ Math 143 (4) Introduction to Probability and Statistics AND
Math 132 (4) Calculus for Management, Life & Social Sciences (req: Math 143)
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) AND
Math 172 (4) Techniques of Integration, Infinite Series & Multivariate Calculus (req: Completion of Math 170 or 171 with C- or better) AND
Math 243 (4) Statistics (*offered in spring only*) (req: Math 172)
- FA/SP** ____ EnSt 210 (3) Human Impacts on the Environment (req: second-year status)
- FA** ____ EnSt 302 (3) Environment and Society (req: Env. St. 210 or permission; not open to first-year students)
- S** ____ EnSt 395 (3) History and Philosophy of Environmental Thought (req: EnSt 210 and 302 or permission of instructor)