Environmental Science Major - Geology Focus

Required Courses:

- Geol 151 (4) Introduction to Geology or
- Geog 120 (4) Earth Systems

Or
- Geol 153 (4) Big Sky Geology: Montana Field Experience

- Geol 152 (4) Historical Geology (req: 151 or 120)
- Geol 215 (4) Mineralogy (req: 151 and Chem 103)
- Geog 252 (4) Geomorphology (req: 120 or 151)
- Geol 312 (4) Environmental Geology (req: 311)
- Biol 161 (4) Cellular and Genetic Systems
- Biol 345 (4) Ecosystem Ecology and Management (req: Biol 225)
- Chem 103 (4) General Chemistry I
- Chem 104 (4) General Chemistry II (req: Chem 103 or equivalent)

OR
- Chem 261 (5) Organic Chemistry I (req: Chem 104)

- Chem 271 (4) Environmental Chemistry (req: Chem 253 or 261)

One course from:

- Geol 212 (4) Structural Geology (req: 152 or concurrent)
- Geol 304 (3) Geochemistry (req: Geol 215, or 151 w/Chem 104, or permission)
- Geol 317 (4) Sedimentation and Stratigraphy (req: 215 or concurrent)
- Geog 322 (4) Coastal Geomorphology (req: Geog 252)
- an approved alternative: ________________________________

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Environmental Science Cognates:

___  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)

___  EnSt 210 (3) Human Impacts on the Environment (req: second-year status)

___  EnSt 302 (3) Environment and Society (req: Env. St. 210 or permission; not open to first-year students)

___  EnSt 395 (3) History and Philosophy of Environmental Thought (req: EnSt 210 and 302 or permission of instructor)