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<tr>
<th>Course Requirements - A (Choose 1, 3 credits)</th>
<th>Credits</th>
<th>Semester Taken</th>
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<tbody>
<tr>
<td>EGG100 Environmental Science</td>
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<tr>
<td>EGG105 Environmental Issues &amp; Choices</td>
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<tr>
<td>EGG140 Sustainability Science</td>
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<th>Course Requirements - B (Choose 1, 0 credits) *</th>
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<tr>
<td>EGG102 World Cultural Geography</td>
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<td>EGG104 World Regional Geography</td>
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<th>Course Requirements - C (Choose 1, 3 credits)**</th>
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<tr>
<td>EGG100 Environmental Science</td>
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<tr>
<td>EGG101 Physical Geography</td>
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<tr>
<td>EGG105 Environmental Issues &amp; Choices</td>
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<td>EGG140 Sustainability Science</td>
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<td>EGG220 Environmental Geology</td>
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<tbody>
<tr>
<td>EGG108 Climate Change</td>
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<tr>
<td>EGG218 Global Water Issues</td>
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<tr>
<td>EGG255 Meteorology</td>
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<td>EGG259 Oceanography</td>
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<th>Cognate Requirements (0 credits)</th>
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<tbody>
<tr>
<td>CHEM121 Chemistry for the Sciences 1*</td>
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<thead>
<tr>
<th>Cognate Electives (Choose 1, 4 credits)</th>
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<th>Semester Taken</th>
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<tbody>
<tr>
<td>BIOL110 Principles of Biology 1</td>
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<tr>
<td>PHYS208 Introductory Physics 1</td>
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<tr>
<th>Cognate Math (Choose 2, 3 credits)</th>
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<th>Semester Taken</th>
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<tbody>
<tr>
<td>EGG150 Quantitative Methods</td>
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<tr>
<td>MATH150 Essentials of Calculus*</td>
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<tr>
<td>MATH160 Calculus 1*</td>
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<tr>
<td>STAT141 Introduction to Statistics*</td>
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<td>EGG342 Geostatistics</td>
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<tr>
<th>Major Requirements (23 credits)</th>
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<th>Semester Taken</th>
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<tbody>
<tr>
<td>EGG120 Physical Geology*</td>
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<tr>
<td>EGG130 Historical Geology</td>
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<tr>
<td>EGG213 Fundamentals of Soil Science</td>
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<tr>
<td>EGG242 Mapping and GIS Fundamentals</td>
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<td>EGG263 Mineralogy &amp; Petrology</td>
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<tr>
<td>EGG265 Geomorphology</td>
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<tr>
<td>EGG271 Fundamentals of Hydrology</td>
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<td>EGG360 Principles of GIS 1</td>
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<tr>
<th>Major Electives: Choose 3 (9+ credits)</th>
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<tbody>
<tr>
<td>EGG275 Introduction to Surveying</td>
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<td>EGG325 UAV Applications</td>
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<tr>
<td>EGG353 Geological Mapping &amp; Analysis</td>
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<td>EGG368 Stratigraphy &amp; Sedimentation</td>
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<td>EGG369 Structural Geology</td>
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<tr>
<td>EGG413 Soil Morphology, Genesis, &amp; Classification</td>
<td>4</td>
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<tr>
<td>EGG414 Soil Biology, Chemistry, &amp; Fertility</td>
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<tr>
<td>EGG415 Hydric Soils &amp; Wetlands Delineation</td>
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<tr>
<td>EGG416 Applied Soil Science &amp; Land Use</td>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EGGS 420</td>
<td>Watershed Restoration</td>
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<tr>
<td>EGGS 421</td>
<td>Environmental Permitting</td>
<td>3</td>
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<tr>
<td>EGGS 452</td>
<td>Coastal Environmental Oceanography</td>
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<td>EGGS 455</td>
<td>Environmental Impact Assessment</td>
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<td>EGGS 460</td>
<td>Aqueous Environmental Geochemistry</td>
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<td>EGGS 461</td>
<td>Energy and Mineral Resources</td>
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<td>EGGS 470</td>
<td>Hydrogeology</td>
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<td>EGGS 471</td>
<td>Applied Surface Hydrology</td>
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<td>EGGS 480</td>
<td>Geophysical Methods</td>
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<tr>
<td>MARSCI ###</td>
<td>Any approved Marine Science course</td>
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**Cognate Electives (Choose 2, 6 credits)**

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<td>BIOL 140</td>
<td>Watershed Ecology</td>
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<tr>
<td>BIOL 242</td>
<td>Microbiology</td>
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<td>BIOL 300</td>
<td>Political Ecology</td>
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<tr>
<td>BIOL 351</td>
<td>Ecology</td>
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<tr>
<td>BIOL 411</td>
<td>Aquatic Biology</td>
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<tr>
<td>BIOL 421</td>
<td>Ecosystem Management</td>
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<tr>
<td>BIOL 456</td>
<td>Ecology of Streams and Rivers</td>
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<tr>
<td>EGGS 215</td>
<td>Fundamentals of Outdoor Recreation</td>
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<td>EGGS 220</td>
<td>Environmental Geology**</td>
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<td>EGGS 230</td>
<td>Special Topics in Field Env Geoscience</td>
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<td>EGGS 251</td>
<td>Sustainable Food Systems</td>
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<td>EGGS 301</td>
<td>Water Resources Management</td>
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<td>EGGS 302</td>
<td>Land Resources Management</td>
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<td>EGGS 304</td>
<td>Environmental Valuation</td>
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<td>EGGS 305</td>
<td>Environmental Valuation</td>
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<td>EGGS 313</td>
<td>Soil Morphology Practicum</td>
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<td>EGGS 320</td>
<td>Remote Sensing</td>
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<td>EGGS 358</td>
<td>Environmental Conservation &amp; Preservation</td>
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<td>EGGS 361</td>
<td>Principles of GIS 2</td>
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<td>EGGS 364</td>
<td>Digital Cartography</td>
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<td>EGGS 365</td>
<td>Paleontology</td>
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<tr>
<td>EGGS 380</td>
<td>Dams, Reservoirs, and Rivers</td>
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<tr>
<td>EGGS 385</td>
<td>Outdoor Recreation Resource Management</td>
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<tr>
<td>EGGS 386</td>
<td>US Federal Lands: Geography, Politics, Mgmt</td>
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<tr>
<td>EGGS 491</td>
<td>Research in EGGS**</td>
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<tr>
<td>EGGS 493</td>
<td>Independent Study in EGGS</td>
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<tr>
<td>EGGS 498</td>
<td>Internship in EGGS**</td>
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<tr>
<td>LAW 350</td>
<td>Environmental Law</td>
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<tr>
<td>MARSCI ###</td>
<td>Any Approved Marine Science Course</td>
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**Major Capstone (Choose 1, 3+ credits)**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EGGS 450</td>
<td>Field Experience in Environmental Geoscience</td>
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<tr>
<td>EGGS 491</td>
<td>Research in EGGS**</td>
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<tr>
<td>EGGS 498</td>
<td>Internship in EGGS**</td>
<td>3+</td>
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</table>

*Counts as General Education Credit

**Cannot count courses twice for different categories, e.g. EGGS 100 cannot be counted in both Core A and Core C; EGGS 496 and 498 cannot be counted in Cognate Electives and Major Capstone unless they are separate research projects or Internships.

Effective Fall 2023