## Geology 45 Credit Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td><strong>Required Courses:</strong></td>
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<tr>
<td>EDUC 3331</td>
<td>Science Methods for Teachers</td>
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<tr>
<td>GEOL 1100</td>
<td>The Dynamic Earth and The Dynamic Earth Lab (Partially satisfies General Education Objective 5.)</td>
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<td>&amp; 1100L</td>
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<td>GEOL 1107</td>
<td>Real Monsters (Satisfies General Education Objective 7.)</td>
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<tr>
<td>GEOL 2204</td>
<td>Fluid Earth</td>
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<td>GEOL 2205</td>
<td>Solid Earth</td>
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<td>GEOL 3310</td>
<td>Geologic Field Methods</td>
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<td>GEOL 3315</td>
<td>Evolution of the Earth's Surface</td>
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<td>GEOL 4403</td>
<td>Principles of Geographic Information Systems</td>
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<td>GEOL 4410</td>
<td>Science in American Society</td>
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<td>GEOL 4421</td>
<td>Structural Geology</td>
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<td>Sedimentation-Stratigraphy</td>
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<td>PHYS 1152</td>
<td>Descriptive Astronomy</td>
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<td><strong>Geology Electives</strong></td>
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<td>GEOL 3313</td>
<td>Earth Materials I</td>
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<td>GEOL 3314</td>
<td>Earth Materials II</td>
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<td>GEOL 4405</td>
<td>Volcanology</td>
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<td>GEOL 4416</td>
<td>Global Environmental Change</td>
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<td>GEOL 4420</td>
<td>Principles of Geochemistry</td>
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<td>GEOL 4430</td>
<td>Principles of Hydrogeology</td>
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<td>GEOL 4431</td>
<td>Geobiology and the History of Life</td>
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<td>GEOL 4458</td>
<td>Geology of North America</td>
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<tr>
<td>GEOL/HIST/POLS 4471</td>
<td>Historical Geography of Idaho</td>
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**Total Credits** 45

1. PREREQ or COREQ: CHEM 1111