## Graduation Plan

### Geology – Petroleum Systems

<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Credits</th>
<th>Course</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 101</td>
<td>Foudnations of Geology</td>
<td>3</td>
<td>GEO 218</td>
<td>Evolution of the Earth</td>
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<tr>
<td>GEO 104</td>
<td>Foundations of Geology Lab</td>
<td>1</td>
<td>ENG 120</td>
<td>Critical Reading and Evaluative Writing</td>
<td>3</td>
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<td>ENG 119</td>
<td>First-Year Writing</td>
<td>3</td>
<td>Core Curriculum/E elective</td>
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<tr>
<td>CHM 101</td>
<td>General Chemistry I</td>
<td>4</td>
<td>Core Curriculum/E elective</td>
<td>8</td>
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<tr>
<td>MAT 175 or MAT 110</td>
<td>Calculus I or Precalculus</td>
<td>3-5</td>
<td>Core Curriculum/E elective</td>
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<tr>
<td>IDS 101</td>
<td>Campus Compass</td>
<td>1</td>
<td>Core Curriculum/E elective</td>
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### Sophomore Year

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<tbody>
<tr>
<td>GEO 204</td>
<td>Earth Materials I</td>
<td>4</td>
<td>GEO 305</td>
<td>Earth Materials II</td>
<td>4</td>
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<td>GEO 343</td>
<td>Field Methods</td>
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<td>GEO 331</td>
<td>Oil and Gas Geology</td>
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<tr>
<td>PHS 101 or 201</td>
<td>Physics I</td>
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<td><strong>Total Credits:</strong></td>
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### Junior Year

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<tr>
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<th>Course</th>
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<tbody>
<tr>
<td>GEO 302</td>
<td>Stratigraphy and Sedimentology</td>
<td>4</td>
<td>GEO 411</td>
<td>Structural Geology and Tectonics</td>
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<tr>
<td>GEO 324 or 354</td>
<td>Petroleum Reservoir Systems or Sedimentary Basin Analysis</td>
<td>3</td>
<td>GEO 349</td>
<td>Geomechanics</td>
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<td><strong>Total Credits:</strong></td>
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*Summer – GEO 350: Applied Field Geology – this course is required and is normally taken elsewhere.*
<table>
<thead>
<tr>
<th>Course</th>
<th>Fall Semester</th>
<th>Credits</th>
<th>Course</th>
<th>Spring Semester</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GEO 324 or 354</td>
<td>Petroleum Reservoir Systems or Sedimentary Basin Analysis</td>
<td>3</td>
<td>GEO 490</td>
<td>Captstone</td>
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<td>Core Curriculum/Elective</td>
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<td><strong>Total Credits:</strong></td>
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*Summer – GEO 350: Applied Field Geology – this course is required and is normally taken elsewhere.*