Bachelor of Science in Geological Sciences  
Option II: Geophysics  
Undergraduate Catalog 2010-2012  
Suggested Four-Year Degree Plan

<table>
<thead>
<tr>
<th>Fall (16 hours)</th>
<th>Spring (15 hours)</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geology 303 or 401</td>
<td>Geology 416M</td>
<td></td>
</tr>
<tr>
<td>UG Studies 302 or 303</td>
<td>Math 408D</td>
<td></td>
</tr>
<tr>
<td>Math 408C</td>
<td>Chemistry 302</td>
<td></td>
</tr>
<tr>
<td>Chemistry 301</td>
<td>Physics 301/101L</td>
<td></td>
</tr>
<tr>
<td>Rhetoric 306</td>
<td></td>
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</tbody>
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<thead>
<tr>
<th>Fall (15 hours)</th>
<th>Spring (15 hours)</th>
<th>Summer</th>
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<tbody>
<tr>
<td>Geology 416K</td>
<td>Geology 420K</td>
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<tr>
<td>Physics 316/116L</td>
<td>Physics 315/115L</td>
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<tr>
<td>Math 427K</td>
<td>Math 427L</td>
<td></td>
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<tr>
<td>Government 310L</td>
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<thead>
<tr>
<th>Fall (15 hours)</th>
<th>Spring (14 hours)</th>
<th>Summer</th>
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<tbody>
<tr>
<td>Geology 325K</td>
<td>Geology – Approved Elective</td>
<td></td>
</tr>
<tr>
<td>Geology 465K</td>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Geology 366M</td>
<td>English 316K</td>
<td></td>
</tr>
<tr>
<td>Foreign Language – 1st sem.</td>
<td>Foreign Language – 2nd sem.</td>
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</tbody>
</table>

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<th>Fall (16 hours)</th>
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<th>Summer</th>
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<tbody>
<tr>
<td>Geology 428</td>
<td>Geology 354</td>
<td>Six hours from GEO</td>
</tr>
<tr>
<td>Elective (3 hrs)</td>
<td>Elective (3 hrs)</td>
<td>660, 376L, 348K, or 679G</td>
</tr>
<tr>
<td>Government 312L</td>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Technical Elective</td>
<td>Technical Elective</td>
<td></td>
</tr>
<tr>
<td>Visual &amp; Perform Arts</td>
<td>Social Science</td>
<td></td>
</tr>
</tbody>
</table>

Minimum Number of Hours Required for this Degree: 126

Substantial Writing Component: Two courses (one must be upper division) are required. Courses are identified in the Course Schedule with a W after the title.

UD: Upper Division       Must include 12 hours of upper-division courses in residence, outside of geology.

Many GEO courses are offered in fall or spring only.

1  First Year Signature Course.
2  Math 408K, 408L, and 408M may be taken instead.
3  PHY 303K/103M and 303L/103N may be taken instead.
4  Requires 6 hours of American History, 3 of these may be in Texas History; consult the University Core Curriculum list for allowable courses.
5  Courses in Architecture, Classics, Fine Arts, or Philosophy; consult the University Core Curriculum list for allowable courses.
6  Approved Technical Elective list is available in the Student Services Office.
7  Geo 365P is the currently approved Geology elective course.
8  Includes 3 hours Anthropology, Economics, Geography, Linguistics, Psychology, or Sociology; consult the University Core Curriculum list for allowable courses.

When the number of credit hours per semester varies, the smaller number is used in the total.

The courses listed above will meet degree requirements for this degree; however, all students are required to fulfill the University Core Requirements for graduation. Therefore, additional courses may be required. Check with your academic advisor.