## GEOSCIENCES (GEOLOGY), B.S.

### Requirements for a Concentration in Geology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 3430</td>
<td>Petrology</td>
<td>4</td>
</tr>
<tr>
<td>GEO 3435</td>
<td>Invertebrate Paleontology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Five semester hours of 4000-level GEO courses</td>
<td>5</td>
</tr>
</tbody>
</table>

**Subtotal** 13

### Required Courses in Other Fields

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 1321</td>
<td>Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MTH 1322</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>or STA 2381</td>
<td>Introductory Statistical Methods</td>
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**Sixteen semester hours from:** 16

- BIO 1303 Human Ecology: Our Place in Nature
- BIO 1305 Modern Concepts of Bioscience
- BIO 1105 Modern Concepts of Bioscience Laboratory
- BIO 1306 Modern Concepts of Bioscience, continued
- BIO 1106 Modern Concepts of Bioscience Laboratory
- CHE 1301 Basic Principles of Modern Chemistry I
- CHE 1101 General Chemistry Laboratory I
- CHE 1302 Basic Principles of Modern Chemistry II
- CHE 1102 General Chemistry Laboratory II
- PHY 1408 General Physics for Natural and Behavioral Sciences I
- PHY 1409 General Physics for Natural and Behavioral Sciences II
- PHY 1420 General Physics I
- PHY 1430 General Physics II

**No more than 4 hours from the following:**

- ANT 1404 Introduction to Human Evolution
- ANT 1407 Introduction to Archaeology
- AVS 1313 Introduction to Meteorology
- BUS 2222 Introduction to Energy Commerce
- CSI 1430 Introduction to Computer Science I with Laboratory
- ENV 1301 Exploring Environmental Issues
- ENV 1101 and An Introduction to Environmental Analysis (Lab)

**Total Hours** 35