Geology B.S.

Degree Requirements: 126 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Area</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>A1</td>
<td>Communication Skills (6 Credit Hours)</td>
</tr>
<tr>
<td>6</td>
<td>A2</td>
<td>Quantitative Skills (3 Credit Hours)</td>
</tr>
<tr>
<td>4</td>
<td>B</td>
<td>Global Engagement (4 Credit Hours)</td>
</tr>
<tr>
<td>6</td>
<td>C</td>
<td>Humanities, Fine Arts, and Ethics (6 Credit Hours)</td>
</tr>
<tr>
<td>11</td>
<td>D</td>
<td>Natural Sciences, Mathematics, and Technology (11 Credit Hours)</td>
</tr>
<tr>
<td>4</td>
<td>E</td>
<td>Social Sciences (12 Credit Hours)</td>
</tr>
<tr>
<td>18</td>
<td>F</td>
<td>Courses Appropriate to Major (18 Credit Hours)</td>
</tr>
<tr>
<td>14-15</td>
<td>Electives</td>
<td>(16 Credit Hours)</td>
</tr>
<tr>
<td>3</td>
<td>Language</td>
<td>Foreign Language (2001 Level) (3 Credit Hours)</td>
</tr>
</tbody>
</table>

Total Credit Hours: 126

Guided Elective 5

Select Option 1 or Option 2 below:

Option 1 6
- GEOL 4830 Senior Thesis Research I
- GEOL 4831 Senior Thesis Research II

Option 2
- GEOL 1121 Introduction to the Earth
- GEOL 1122 General Historical Geology
- MATH 1441 Calculus I
- MATH 2242 Calculus II
- PHYS 1111 Introduction to Physics I
- PHYS 1112 Introduction to Physics II
- PHYS 1113 Physics Lab I
- PHYS 1114 Physics Lab II

Electives (16 Credit Hours)
- Select 14-15 credit hours of Electives
- Select 3 credit hours of Foreign Language

Total Credit Hours: 126

1 The listed courses are recommended in Area D
2 While Introduction to the Earth (GEOL 1121) and General Historical Geology (GEOL 1122) together are 8 credit hours, only 7 credit hours will count toward fulfilling Area D. The remaining credit hour will be applied toward Specific Requirements.
3 While Calculus I (MATH 1441) is 4 credit hours, only 3 credit hours will count toward fulfilling Area F. The remaining credit hour will be applied toward Specific Requirements.
4 While Calculus II (MATH 2242) is 4 credit hours, only 3 credit hours will count toward fulfilling Area F. The remaining credit hour will be applied toward Specific Requirements.
5 NOTE: Guided elective must be a 6 credit hour Geology field course - permission of advisor required
6 Students pursuing Option 1 must have a minimum grade of B in Introduction to Research (GEOL 4120) and an overall GPA of 3.0 or higher upon completion of Introduction to Research (GEOL 4120), or permission of the Department Chair.

Program Requirements
- Geology majors must maintain an overall 2.0 GPA across all Geology coursework (any course with GEOL prefix).

Honors in Geology
- Students majoring in Geology (BS or BA) may pursue Honors in Geology. Students are required to have a minimum GPA of 3.2 after 45 credit hours of coursework and approval of Geology and Geography faculty to commence the Honors program.
To graduate with Honors in Geology, a student must:

- Maintain a minimum GPA of 3.5 in the major and a 3.2 in a minor.
- Complete a senior thesis (BA or BS degree) with a minimum grade of “B” in Senior Seminar (GEOL 4610). The thesis will be supervised by a Geology/Geography faculty member.
- Complete Introduction to Research (GEOL 4120), Senior Thesis Research I (GEOL 4830), and Senior Thesis Research II (GEOL 4831) (senior thesis research sequence) for a total of 8 credit hours. A minimum grade of "B" is required in Introduction to Research (GEOL 4120) to continue the research sequence.
- Present a departmental seminar on the thesis research.

**Advisement**

COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649. Senior thesis research is advised by Geology Faculty in the Department of Geology and Geography, College of Science and Mathematics, Herty Building, Phone: (912) 478-5361.