# Academic Roadmap

**Department of Earth and Environmental Sciences**  
**B.A. in Geology**

Note: This roadmap is an example of one schedule that will enable you to graduate in four years. There are many different ways to complete the required coursework in a timely manner. Your actual schedule will likely be different.

<table>
<thead>
<tr>
<th>YEAR 1 (0 – 45 UNITS)</th>
<th>FALL UNITS</th>
<th>WINTER UNITS</th>
<th>SPRING UNITS</th>
<th>TOTAL UNITS FOR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLC:</td>
<td></td>
<td>FLC:</td>
<td>FLC:</td>
<td></td>
</tr>
<tr>
<td>GEOL 2101 - Physical Geology</td>
<td>(5)</td>
<td>GEOL 2102 - Earth &amp; Life Through Time</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1101 General Chemistry I OR PHYS 2701 Intro to Physics I</td>
<td>(5) OR (4)</td>
<td>CHEM 1102 General Chemistry II OR PHYS 2702 Intro to Physics II</td>
<td>(5) OR (4)</td>
<td></td>
</tr>
<tr>
<td>MATH 1300 Trig &amp; Analytical Geometry OR GE:</td>
<td>(4)</td>
<td>GE:</td>
<td>GE:</td>
<td></td>
</tr>
</tbody>
</table>

**Total Units**

**You should . . .**  
Complete your Freshman Cluster Classes

**and consider . . .**
Taking General Education courses

**FLC:** Freshman Learning Community (Cluster)  
Recommended Cluster: Molecules, Energy, and Living Things (Chem 1101, 1102, 1103). Fulfills both GE and major requirements.
## Year 2 (46 - 90 Units)

### FALL
- **GEOL 3601** - Mineralogy & Optical Crystallography (5)
- PHYS 1700 Elementary Physics (4) and PHYS 1780 Elementary Physics Lab (1) OR CHEM 1100 Intro to College Chemistry (5) (5)
- GE: General Elective

### WINTER
- **GEOL 3701** - Igneous & Metamorphic Petrology (5)
- ME:

### SPRING
- **GEOL 3801** - Sedimentology & Stratigraphy (5)
- ME:

### TOTAL UNITS

### Notes
- **GE: General Elective**
- **ME: Major Elective**

### Major Electives (17 units):
- 3000 and 4000 level GEOL courses (except GEOL 3040, 3050, 3051, 3100, and 3898) designed for GEOL majors (not GE courses) may be used to fulfill this requirement (a minimum of two courses must be 4000-level GEOL courses).

### You should . . .
- Complete areas A1-A4
- Complete lower division GE requirements
- Complete English 1002
- Declare a major
- Meet with your major advisor
- Meet with an AACE advisor

### and consider . . .
- Attend “Strictly Sophomores”
- Apply to CSSP or summer internship
- Explore student organizations
- Explore leadership opportunities
### CSUEB Academic Roadmap

**YEAR 3 (91 – 135 UNITS)**

<table>
<thead>
<tr>
<th>FALL</th>
<th>UNITS</th>
<th>WINTER</th>
<th>UNITS</th>
<th>SPRING</th>
<th>UNITS</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME:</td>
<td>(4)</td>
<td>GEOL 3810* *</td>
<td>(5)</td>
<td>GEOL 3910* *</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Structural Geology</td>
<td></td>
<td>Geologic Field Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GE:</td>
<td></td>
<td>GE:</td>
<td></td>
<td>GEOL 4800*</td>
<td>(2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Seminar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>TOTAL UNITS</td>
<td></td>
<td>TOTAL UNITS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ME: Major Electives (16 units):**

- GEOL 4800*

3000 and 4000 level GEOL courses (except GEOL 3040, 3050, 3051, 3100, and 3898) designed for GEOL majors (not GE courses) may be used to fulfill this requirement (a minimum of two courses must be 4000-level GEOL courses).

*Note: GEOL 3810, 3910, and 4800 should be taken when offered, either during the junior (3rd) or senior (4th) year.

### Year 3 (91 – 135 units)

- Take the Writing Skills Test in fall quarter
- Enroll in ENGL 3000 if needed
- Complete at least one upper division GE requirement

### You should . . .

- Meet with your major advisor
- Meet with AACE advisor
- Attend the Graduate School Fair
- Seek leadership opportunities in a club or student government

### and consider . . .

- Meet with AACE advisor
- Attend the Graduate School Fair
- Seek leadership opportunities in a club or student government

CSUEB Academic Roadmap

updated April 17, 2014
# Academic Roadmap

## Year 4 (136–180 Units)

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ME:</strong> (4)</td>
<td><strong>ME:</strong> (4)</td>
<td></td>
</tr>
<tr>
<td><strong>GE:</strong></td>
<td><strong>GE:</strong></td>
<td><strong>GE:</strong></td>
</tr>
<tr>
<td>Unrestricted Elective:</td>
<td>Unrestricted Elective:</td>
<td>Unrestricted Elective:</td>
</tr>
</tbody>
</table>

### Total Units

**Total Units for Year**

### Major Electives (16 units):

- 3000 and 4000 level GEOL courses (except GEOL 3040, 3050, 3051, 3100, and 3898) designed for GEOL majors (not GE courses) may be used to fulfill this requirement (a minimum of two 4000-level GEOL courses).

*Note: GEOL 3810, 3910, and 4800 should be taken when offered, either during the junior (3rd) or senior (4th) year.*

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### You should . . .

- File for graduation
- Complete upper division GE requirements
- Take Major Requirement Electives (ME)

### and consider . . .

- Meet with major advisor
- Meet with AACE advisor
- Attend a Career Fair
- Attend the Graduate School Fair
- Conduct information interviews in your field

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### Total Units on Plan

- **Major Units**
- **Freshman Cluster Units**
- **General Education Units**
- **Unrestricted Elective Units**