Academic Roadmap

Department of Earth and Environmental Sciences
B.S. 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></th>
<th>UNITS</th>
<th>WINTER</th>
<th>UNITS</th>
<th>SPRING</th>
<th>UNITS</th>
<th>NOTES</th>
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</thead>
<tbody>
<tr>
<td>GEOL 2101 - Physical Geology</td>
<td>(5)</td>
<td>GEOL 2102 - Earth &amp; Life Through Time</td>
<td>(4)</td>
<td>ME:</td>
<td>(4)</td>
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<tr>
<td>FLC: CHEM 1101</td>
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<td>FLC: CHEM 1101</td>
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<td>FLC: CHEM 1101</td>
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TOTAL UNITS

TOTAL UNITS

TOTAL UNITS

TOTAL UNITS FOR YEAR

You should . . . Complete your Freshman Cluster Classes

and consider . . . Taking General Education courses

Year 1 (0 – 45 units)

Unsure how to select these courses? Contact the department.

Recommended Cluster: Molecules, Energy, and Living Things (Chem 1101, 1102, 1103). Fulfills both GE and major requirements.

The Math, Physics, and Chemistry sequences should be taken early in your academic career. Each of these sequences normally starts Fall Quarter.

updated April 16, 2014
## CSUEB Academic Roadmap

### Year 2 (46 - 90 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>
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</thead>
<tbody>
<tr>
<td>GEOL 3601 - Mineralogy &amp; Optical Crystallography</td>
<td>(5)</td>
<td>GEOL 3701 - Igneous &amp; Metamorphic Petrology</td>
<td>(5)</td>
<td>GEOL 3801 - Sedimentology &amp; Stratigraphy</td>
<td>(5)</td>
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</tr>
<tr>
<td>MATH 1304 - Calculus I</td>
<td>(4)</td>
<td>MATH 1305 - Calculus II</td>
<td>(4)</td>
<td>ME:</td>
<td>(4)</td>
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<td>ME:</td>
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### TOTAL UNITS FOR YEAR

- GEOL 3110 (4),
- GEOL 3200 (1-2, no more than 4 units),
- GEOL 3400 (4),
- GEOL 4010 (5),
- GEOL 4130 (4),
- GEOL 4320 (4),
- GEOL 4800 (2, no more than 2 units),
- GEOL 4850 (2),
- GEOL 4900 (1-4),
- GEOL 4910 (2) (no more than 4 units for 4900 and 4910 combined) and other appropriate GEOL courses as approved by a faculty advisor.

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### 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

**updated April 16, 2014**
### Year 3 (91 – 135 Units)

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<tr>
<th>FALL</th>
<th>UNITS</th>
<th>WINTER</th>
<th>UNITS</th>
<th>SPRING</th>
<th>UNITS</th>
<th>NOTES</th>
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</thead>
<tbody>
<tr>
<td>PHYS 1001 Gen Physics I OR</td>
<td>5</td>
<td>PHYS 1002 Gen Physics II</td>
<td>5</td>
<td>PHYS 1003 Gen Physics III OR</td>
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</tr>
<tr>
<td>PHYS 2701 Intro Physics I</td>
<td>(4)</td>
<td>PHYS 2702 Intro Physics II</td>
<td>(4)</td>
<td>PHYS 2703 Intro Physics III</td>
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<tr>
<td>GE:</td>
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<td>ME: GEOL 3810* Structural Geology</td>
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<td>GEOL 3910* Geologic Field Methods</td>
<td>(3)</td>
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<tr>
<td>ME:</td>
<td>(4)</td>
<td>GEOL 3910* Geologic Field Methods</td>
<td>(3)</td>
<td>GEOL 4800* Seminar</td>
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**GE: General Elective**

**ME: Major Elective**

(27-30 units depending upon physics sequence completed): At least 10 units must be 4000-level geology courses. And up to 12 of the elective units may be satisfied with courses in Biological Sciences, Chemistry, Mathematics and Computer Science, Physics, and/or Statistics approved in advance by a faculty advisor.

GEOL 3110 (4), GEOL 3200 (1-2, no more than 4 units), GEOL 3400 (4), GEOL 4010 (5), GEOL 4130 (4), GEOL 4320 (4), GEOL 4800 (2, no more than 2 units), GEOL 4850 (2), GEOL 4900 (1-4), GEOL 4910 (2) (no more than 4 units for 4900 and 4910 combined) and other appropriate GEOL courses as approved by a faculty advisor.

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

GEOL 4000-level course on Field Geology, with consent of advisor (8), to be taken during summer session after third or fourth year, after GEOL 3810 and 3910.

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You should . . .

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

and consider . . .

- Meet with your major advisor
- Meet with AACE advisor
- Attend the Graduate School Fair
- Seek leadership opportunities in a club or student government
# YEAR 4 (136 – 180 UNITS)

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<thead>
<tr>
<th>FALL</th>
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<tr>
<td>ME:</td>
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<td>Unrestricted Elective:</td>
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**TOTAL UNITS FOR YEAR**

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

## TOTAL UNITS ON PLAN

<table>
<thead>
<tr>
<th>MAJOR UNITS</th>
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<tbody>
<tr>
<td>FRESHMAN CLUSTER UNITS</td>
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<tr>
<td>GENERAL EDUCATION UNITS</td>
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<tr>
<td>UNRESTRICTED ELECTIVE UNITS</td>
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