

# Geology Major, General Geology Option Plan

The following four-year course of study is suggested for students working toward a Bachelor of Science or Bachelor of Arts degree in Geology with a General Geology Option.

For a Bachelor of Arts degree in Geology, the foreign-language requirement must be satisfied in addition to the Bachelor of Science in Geology requirements shown below.

Students should consult with their advisor to develop a plan of study tailored to their individual needs and interests.

## Freshman Year (31 credits)

### Fall Semester (16 credits)

<b>GEO 1110 (BPS)</b> The Dynamic Earth: Physical Geology.....	4
<b>CHEM 1210</b> Principles of Chemistry I.....	4
<b>CHEM 1215</b> Chemical Principles Laboratory I.....	1
<b>MATH 1210 (QL)</b> Calculus I.....	4
University Studies course.....	3

### Spring Semester (15 credits)

<b>GEO 3200 (DSC)</b> The Earth Through Time.....	4
<b>CHEM 1220 (BPS)</b> Principles of Chemistry II.....	4
<b>CHEM 1225</b> Chemical Principles Laboratory II.....	1
<b>STAT 3000 (QI)</b> Statistics for Scientists.....	3
University Studies course.....	3

## Sophomore Year (30 credits)

### Fall Semester (15 credits)

<b>GEO 3550 (CI)</b> Sedimentation and Stratigraphy.....	4
<b>WATS 2930</b> Introduction to Geographic Information Sciences.....	4
University Studies and/or elective courses.....	7

## Spring Semester (15 credits)

<b>GEO 3500</b> Minerals and Rocks.....	4
<b>GEO 3700</b> Structural Geology.....	4
University Studies and/or elective courses.....	7

## Junior Year (35 credits)

### Fall Semester (17 credits)

<b>GEO 3600</b> Geomorphology.....	4
<b>GEO 4700 (CI)</b> Geologic Field Methods.....	3
<b>PHYS 2210 (QI)</b> General Physics—Science and Engineering I.....	4
University Studies and/or elective courses.....	6

### Spring Semester (13 credits)

<b>PHYS 2220 (BPS/QI)</b> General Physics—Science and Engineering II.....	4
Upper-division Geology elective courses.....	6
University Studies course.....	3

## Summer Semester (5 credits)

<b>GEO 5200</b> Geology Field Camp.....	5
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## Senior Year (25 credits)

### Fall Semester (13 credits)

<b>GEO 4500</b> Igneous and Metamorphic Petrology.....	4
Upper-division Geology elective course.....	3
University Studies courses and general elective courses.....	6

### Spring Semester (12 credits)

Upper-division Geology elective course.....	3
General elective courses.....	9