

## **Geology B.S.**

### **Sample Academic Plan: Transfer Students**

This plan for transfer students assumes you have completed the following courses. Check [assist.org](https://assist.org) for course articulation in California.

- A year of Calculus with linear algebra (MAT 16A-16B-16C-22A or 17A-17B-17C or 21A-21B-22A or 21A-B-C)
- Two quarters of Chemistry (CHE 2A-2B). Then take CHE 2C or GEL 55 (GEL 55 is only offered at UC Davis)
- Two quarters of Physics (PHY 7A-7B or 9A-9B). Then take PHY 7/9C or GEL 56 (GEL 56 is only offered at UC Davis)
- Physical Geology with laboratory (GEL 50, 50L)
- History of Life (GEL 3) or Geobiology (GEL 53; only offered at UC Davis)
- Statistics (STA 13)
- IGETC, or the full General Education requirement

### Option 1: Structure coursework first

Year 1: Structure coursework											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
<i>GEL 60: Earth Materials</i>	4	MA	<i>GEL 53: Geobiology or GEL 3: History of Life</i>	3	MA	<i>GEL 103: Spring Field</i>	4	MA	<i>GEL 110A: Summer Field: Structure &amp; Neotectonics</i>	4	MA
<i>GEL 56: Geophysics or PHY 7/9C: Physics</i>	4-5	MA	<i>GEL 101: Structural Geology</i>	3	MA	Upper division Geology elective	3	MA	Units for financial aid	2	E
<i>GEL 109: Sediments &amp; Strata</i>	3	MA	<i>GEL 101L: Structural Geology Lab</i>	2	MA	UWP 101 or 102 or 104 or <a href="#">UDCE</a>	4	C			
<i>GEL 109: Sediments &amp; Strata Lab</i>	2	MA	Upper division Geology elective	3	MA						
<i>Total units:</i>	<i>12-15</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>4+</i>	
Year 2: Petrology coursework											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
<i>Geology 55: Geochemistry or CHE 2C: Chemistry</i>	3-5	MA	<i>GEL 105: Igneous Rocks</i>	4	MA	<i>GEL 108: Paleoclimates</i>	3	MA	<i>GEL 110B: Summer Field: Volcanology</i>	4	MA
<i>GEL 107: Paleobiology</i>	3	MA	Upper division Geology elective	3	MA	Upper division Geology elective	3	MA	Units for financial aid	2	E
<i>GEL 107L: Paleobiology Lab</i>	2	MA	Upper division Geology elective	3	MA	Upper division Geology elective	3	MA			
Upper division units	4	C/E	Upper division units	4	C/E	Upper division units	0-4	C/E			
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>4+</i>	
<b>Total graduation units: 180 (64 upper division)</b>											

U: [University Req](#)

GE: [General Education](#)

C: [College Requirement](#)

MA: [Major](#)

MI: Minor

PR: Prerequisite

E: Elective

## Option 2: Petrology coursework first

Year 1											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
<i>Geology 55: Geochemistry or CHE 2C: Chemistry</i>	3-5	MA	<i>GEL 53: Geobiology or GEL 3: History of Life</i>	3	MA	<i>GEL 108: Paleoclimates</i>	3	MA	<i>GEL 110B: Summer Field: Volcanology</i>	4	MA
<i>GEL 60: Earth Materials</i>	4	MA	<i>GEL 105: Igneous Rocks</i>	4	MA	Upper division Geology elective	3	MA	Units for financial aid	2	E
<i>GEL 109: Sediments &amp; Strata</i>	3	MA	Upper division Geology elective	3	MA	UWP 101 or 102 or 104 or <a href="#">UDCE</a>	4	C			
<i>GEL 109: Sediments &amp; Strata Lab</i>	2	MA	Upper division Geology elective	3	MA						
<i>Total units:</i>	<i>12-15</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>6</i>	
Year 2											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
<i>GEL 56: Geophysics or PHY 7/9C: Physics</i>	4-5	MA	<i>GEL 101: Structural Geology</i>	3	MA	<i>GEL 103: Spring Field</i>	4	MA	<i>GEL 110A: Summer Field: Structure &amp; Neotectonics</i>	4	MA
<i>GEL 107: Paleobiology</i>	3	MA	<i>GEL 101L: Structural Geology Lab</i>	2	MA	Upper division Geology elective	3	MA	Units for financial aid	2	E
<i>GEL 107L: Paleobiology Lab</i>	2	MA	Upper division Geology elective	3	MA	Upper division Geology elective	3	MA			
Upper division units	4	C/E	Upper division units	4	C/E	Upper division units	0-4	C/E			
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>6</i>	
<b>Total graduation units: 180 (64 upper division)</b>											

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This is a sample study plan. The information here is provided for your convenience; classes are subject to change. See your [major advisor](#) for help creating a personalized academic plan, including any co-curricular and extra-curricular activities you'd like to plan time for (like getting involved, doing internships or undergraduate research, studying abroad, etc).

Classes in italics must stay in the quarter they're listed, although not always in the year listed.

The following classes are recommended for those who intend to pursue graduate degrees but are not required for the Bachelor of Science degree in Geology: MAT 21D, MAT 22B, PHY 9D

Check online for the full list of [electives](#) and when each major course is offered.