

Geology B.S. Sample Academic Plan: Transfer Students

This plan for transfer students assumes you have completed the following courses. Check assist.org for course articulation in California.

- Calculus with linear algebra (MAT 16A-16B-16C-22A or 17A-17B-17C or 19A-19B-19C or 21A-21B-22A or 21A-B-C)
- Three quarters of Chemistry (CHE 2A-2B-2C). (CHE 002C replaces GEL 55).
- Three quarters of Physics (PHY 7A-7B-7C or 9A-9B-9C). (PHY 007C/009C replaces GEL 056).
- 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

This is a sample study plan. This information is provided for your convenience, but should be adjusted to each student's specific needs. These plans are not meant to replace consultation with a [major advisor](#), who can help you create 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 are subject to change.

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.

Example 1: Structure coursework first

The full Structure series (101/L-103-110A) is offered in the 2023-2024 year, or the 2025-2026 year, etc. Choose this option if you've completed the physics prerequisites by then. Split up taking the structure and petrology series to keep a balanced schedule.

Year 1: Structure coursework											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
GEL 107: Paleobiology	3	MA	GEL 101: Structural Geology	3	MA	GEL 103: Spring Field	4	MA	GEL 110A: Summer Field: Structure & Neotectonics	4	MA
GEL 107L: Paleobiology Lab	2	MA	GEL 101L: Structural Geology Lab	2	MA	Upper division Geology elective	3	MA	Units for financial aid	2	E
Upper division Geology elective	3	MA	Upper division Geology elective	3	MA	Upper division Geology elective	3	MA			
UWP 101 or 102 or 104 or UDCE	0-4	C									
<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		
GEL 60: Earth Materials	4	MA	GEL 105: Igneous Rocks	4	MA	GEL 108: Paleoclimates	3	MA	GEL 110B: Summer Field: Volcanology	4	MA
Upper division Geology elective	3	MA	Upper division Geology elective	3	MA	GEL 109: Sediments & Strata	3	MA	Units for financial aid	2	E
Upper division units	4	C/E	Upper division units	4	C/E	GEL 109L: Sediments & Strata Lab	2	MA			
						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>	
Total graduation units: 180 (64 upper division)											

U: [University Req](#)

GE: [General Education](#)

C: [College Requirement](#)

MA: [Major](#)

MI: Minor

PR: Prerequisite

E: Elective

Example 2: Petrology coursework first

The full petrology series (60-105-109/L-110B) is offered in the 2023-2024 year, or the 2024-2025 year, or 2026-2027, etc. Choose this option if you've completed the chemistry prerequisites by then. Split up taking the structure and petrology series to keep a balanced schedule.

Year 1: Petrology coursework											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
<i>GEL 60: Earth Materials</i>	4	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
Upper division Geology elective	3	MA	Upper division Geology elective	3	MA	<i>GEL 109: Sediments & Strata</i>	3	MA	Units for financial aid	2	E
UWP 101 or 102 or 104 or UDCE	0-4	C	Upper division Geology elective	3	MA	<i>GEL 109L: Sediments & Strata Lab</i>	2	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: Structure coursework											
Fall Quarter			Winter Quarter			Spring Quarter			Summer		
GEL 107: Paleobiology	3	MA	<i>GEL 101: Structural Geology</i>	3	MA	<i>GEL 103: Spring Field</i>	4	MA	<i>GEL 110A: Summer Field: Structure & Neotectonics</i>	4	MA
GEL 107L: Paleobiology Lab	2	MA	<i>GEL 101L: Structural Geology Lab</i>	2	MA	Upper division Geology elective	3	MA	Units for financial aid	2	E
Upper division units	4	C/E	Upper division Geology elective	3	MA	Upper division Geology elective	3	MA			
			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>	
Total graduation units: 180 (64 upper division)											

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