

Geology A.B. Sample Academic Plan

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 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.

Year 1												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
Entry-Level Writing (if needed)	0-6	U	MAT 16B or 17B or 19B or 21B	3-4	MA	GEL 50	3	MA				
Preparatory math or MAT 16A or 17A or 19A or 21A	0-4	MA	CHE 2B	5	MA	GEL 50L	2	MA				
Prep Chemistry or CHE 2A	0-5	MA	General Education	3+	GE	Lower Division College English	4	C				
Foreign Language	0-5	C	Foreign Language	0-5	C	Foreign Language	0-5	C				
First-Year Seminar	1-2	E										
<i>Total units:</i>	<i>12-15</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Year 2												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
CHE 2C (instead of GEL 55)	3-5	MA	<i>GEL 53 or GEL 3</i>	3	MA	PHY 7B or 9B	4-5	MA				
General Education	3+	GE	PHY 7A or 9A	4-5	MA	STA 13 or 32 or 100	4	MA				
General Education	3+	GE	General Education	3+	GE	General Education	3+	GE				
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Year 3: Structure coursework												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
Upper div GEL elective	3	MA	<i>GEL 101</i>	3	MA	<i>GEL 103</i>	4	MA				
UWP 101/102/104/ UDCE	0-4	C	<i>GEL 101L</i>	2	MA	Upper div GEL elective	2	MA				
General Education	3+	GE	General Education	3+	GE	General Education	3+	GE				
Upper division units	4	C/E	Upper division units	4	C/E	Upper division units	4	C/E				
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Year 4: Petrology coursework												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
<i>GEL 60</i>	4	MA	Upper div GEL elective	3	MA	<i>GEL 108</i>	3	MA				
GEL 107	3	MA	Upper div GEL elective	3	MA	<i>GEL 109</i>	3	MA				
GEL 107L	2	MA	Upper division units	4	C/E	<i>GEL 109L</i>	2	MA				
Upper div GEL elective	3	MA	Upper division units	4	C/E	Upper division units	0-8	C/E				
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</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 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.

Year 1												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
Entry-Level Writing (if needed)	0-6	U	MAT 16B or 17B or 19B or 21B	3-4	MA	GEL 50	3	MA				
Preparatory math or MAT 16A or 17A or 19A or 21A	0-4	MA	CHE 2B	5	MA	GEL 50L	2	MA				
Prep Chemistry or CHE 2A	0-5	MA	General Education	3+	GE	Lower Division College English	4	C				
Foreign Language	0-5	C	Foreign Language	0-5	C	Foreign Language	0-5	C				
First-Year Seminar	1-2	E										
<i>Total units:</i>	<i>12-15</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Year 2												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
CHE 2C (instead of GEL 55)	3-5	MA	PHY 7A or 9A	4-5	MA	PHY 7B or 9B	4-5	MA				
General Education	3+	GE	<i>GEL 53 or GEL 3</i>	3	MA	STA 13 or 32 or 100	4	MA				
General Education	3+	GE	General Education	3+	GE	General Education	3+	GE				
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Year 3: Petrology coursework												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
<i>GEL 60</i>	4	MA	Upper div GEL elective	3	MA	<i>GEL 108</i>	3	MA				
Upper div GEL elective	3	MA	General Education	3+	GE	<i>GEL 109</i>	3	MA				
UWP 101/102/104/ UDCE	0-4	C	Upper division units	4	C/E	<i>GEL 109L</i>	2	MA				
Upper division units	4	C/E	Upper division units	4	C/E	Upper div GEL elective	2	MA				
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Year 4: Structure coursework												
Fall Quarter			Winter Quarter			Spring Quarter			Summer			
GEL 107	3	MA	<i>GEL 101</i>	3	MA	<i>GEL 103</i>	4	MA				
GEL 107L	2	MA	<i>GEL 101L</i>	2	MA	General Education	3+	GE				
Upper div GEL elective	3	MA	Upper div GEL elective	3	MA	Upper division units	4	C/E				
General Education	3+	GE	Upper division units	4	C/E	Upper division units	0-8	C/E				
<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>		<i>Total units:</i>	<i>12+</i>					
Total graduation units: 180 (64 upper division)												

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MA: [Major](#)

MI: Minor

PR: Prerequisite

E: Elective