

Bachelor of Science in GEOLOGY

Graduation MAP

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.




WEBER STATE
UNIVERSITY

Catalog Year: 2020-2021 [MATH 1010/ENGL 1010 Placement]

NAME: _____

<input checked="" type="checkbox"/>	Course	Credit Hour	Semester Offered	Milestones & Notes
Freshman (Semester 1)				
	GEO 1110 PS Dynamic Earth: Physical Geology	3	Fall/Spring/Summer	<ul style="list-style-type: none"> Complete QL, EN, and Information Literacy Gen Ed requirements within first 2 semesters. These skills will be needed in upper-division courses.
	GEO 1115 Physical Geology Lab	1	Fall/Spring	
	ENGL 1010 Introductory College Writing	3	Fall/Spring/Summer	
	MATH 1010 Intermediate Algebra	4	Fall/Spring/Summer	
	GE American Institutions (AI) elective	3	Fall/Spring/Summer	
	LIBS 1504 Information Literacy Competency Exam -or- LIBS 1704 Information Navigator	1	Fall/Spring/Summer	
	Total Semester Credits	15		
Freshman (Semester 2)				
	GEO 1220 Historical Geology	4	Fall/Spring	<ul style="list-style-type: none"> CHEM 1200 is required for students who did not take AP or Honors chemistry in high school.
	MATH 1050 QL College Algebra	4	Fall/Spring/Summer	
	CHEM 1200 Preparation for College Chemistry	3	Fall/Spring/Summer	
	ENGL 2010 EN Intermediate College Writing	3	Fall/Spring/Summer	
	Total Semester Credits	14		
Sophomore (Semester 3)				
	GEO 2050 Earth Materials	4	Fall/Spring	<ul style="list-style-type: none"> Students should begin the required chemistry sequence (CHEM 1200/1210/1220) as early in their program of study as possible.
	MATH 1060 Trigonometry	3	Fall/Spring/Summer	
	CHEM 1210 PS Principles of Chemistry I	5	Fall/Spring/Summer	
	GE Life Science (LS) elective	3	Fall/Spring/Summer	
	Total Semester Credits	15		
Sophomore (Semester 4)				
	GEO 3000 Geoscience Methods & Careers -or- GE Creative Arts (CA) elective	3	Spring Fall/Spring/Summer	<ul style="list-style-type: none"> Students should have completed the required chemistry sequence (CHEM 1200/1210/1220) before beginning their 3rd/junior year.
	CHEM 1220 Principles of Chemistry II	5	Fall/Spring/Summer	
	GE Social Science (SS) elective	3	Fall/Spring/Summer	
	GE Humanities (HU) elective	3	Fall/Spring/Summer	
	Total Semester Credits	14		
Junior (Semester 5)				
	GEO 3150 Geomorphology	4	Fall	<ul style="list-style-type: none"> Students should begin the required physics sequence (PHYS 2010/2020) as early in their program of study as possible. PHYS 2210/2220 may be substituted for PHYS 2010/2020 provided math prereqs are met.
	GEO 3710 Introduction to GIS	4	Fall	
	PHYS 2010 PS College Physics I	5	Fall/Spring	
	GE Humanities or Creative Arts (HU/CA) Elective	3	Fall/Spring/Summer	
	Total Semester Credits	16		

	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 6)				
	GEO 3550 Sedimentology and Stratigraphy	4	Fall/Spring	<ul style="list-style-type: none">Students should have completed the required physics sequence (PHYS 2010/2020) before beginning their 4th/senior year.Consult your departmental advisor or the catalog for the list of approved geoscience electives for the Geology BS degree.
	GEO Elective	3-4	Spring	
	PHYS 2020 College Physics II	5	Spring	
	GE Creative Arts (CA) elective -or- GEO 3000 Geoscience Methods & Careers	3	Fall/Spring/ Summer Spring	
	Total Semester Credits	15-16		
Senior (Semester 7)				
	GEO 3060 Structural Geology	4	Fall	<ul style="list-style-type: none">Students should plan ahead for the required summer field camp course (GEO 4510), which is typically offered in the 1st block of summer term (4 weeks, May-June) during even years.
	GEO 3080 Applied Hydrology	4	Fall	
	GEO 4060 Geoscience Field Methods	4	Fall	
	Total Semester Credits	12		
Senior (Semester 8)				
	GEO 4560 Environmental Geochemistry	4	Spring	<ul style="list-style-type: none">Consult your departmental advisor or the catalog for the list of approved geoscience electives for the Geology BS degree.
	GEO 4990 Geoscience & Society Seminar	2	Spring	
	GEO Elective	3-4	Spring	
	GE Social Science (SS) Elective	3	Fall/Spring/Summer	
	Free elective credits	3		
	Total Semester Credits	15-16		
Senior (Semester 9) Summer Term				
	GEO 4510 Geology Field Camp	4	Summer (even years)	
	Total Semester Credits	4		
	Total Bachelor Credits	120-122*		

Gen Ed Breadth Requirements (do not duplicate departments)

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS CHEM 1210	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS PHYS 2010
<input type="checkbox"/> DV (Double dip with Breadth course)		

Avoid misadvisement! Consult your academic advisor (weber.edu/advisors), the WSU Catalog (weber.edu/catalog), and your CatTracks degree evaluation (log into your eWeber Student Portal).

Revision Date: 5/13/2020

Notes: The Geology BS degree does NOT require a minor. However, a minor in Math, Chemistry, Physics, Spanish, or Technical & Professional Writing could be favorably looked upon by potential graduate programs and/or employers.

Taking courses during the summer terms can lighten the course load for Fall and Spring semesters and/or permit a student to complete a minor.

***A minimum of 120 credit hours are required for a bachelor's degree.**