



Geology, BS

FALL**SPRING**

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
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FRESHMAN YEAR

	USP: First Year Seminar <i>or USP ELECTIVE</i>	FYS	3	C		GIST 2310	Intro to Geographic Information Sys	4	C		
Math 2200	Calculus I <i>or</i> GEOL 2120 (Track A)	Q	4	C		CHEM 1020	General Chemistry I	PN	4	C	
<i>Prerequisite: C in Math 1405/1450, MPE 5, Math ACT 27 or 23, Math SAT 640 or 600</i>						<i>Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450</i>					
GEOL 1100	Physical Geology <i>or</i> GEOL 1005, 1200 <i>or</i> 1330		4	C			USP: Communications II	C2	3	C	
						<i>Prerequisite: C in C1</i>					
	USP: Communications I	C1	3	C			USP: Human Culture	H	3	D	
Total						Total					

SOPHOMORE YEAR

GEOL 2010	Mineralogy		4	C		GEOL 2000	Geochem Cycles/Earth Systems	4	C		
<i>Prerequisite: 1000-level GEOL course or concurrent enrollment</i>						<i>Prerequisite: 1000-level GEOL w/ lab and concurrent in CHEM 1020</i>					
One of:	PHYS 1110 OR PHYS 1210	PN	4	C		GEOL 2100	Stratigraphy and Sedimentation	4	C		
<i>Prerequisite: C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640</i>						<i>Prerequisite: C in GEOL 2010</i>					
	USP: Human Culture	H	3	D		GEOL 2020	Intro to Petrology	4	C		
						<i>Prerequisite: C in GEOL 2010</i>					
	USP: US & Wyo Const.	V	3	D			General Elective	3	D		
Total						Total					

JUNIOR YEAR

GEOL 3005	Principles of Geophysics		4	C		GEOL	Upper Div Geology Elec	4	C		
<i>Prerequisite: 1000-level GEOL w/ lab, PHYS 1110 or 1210.</i>											
GEOL 4610	Structural Geology & Tectonics		4	C			Upper Div Elec	3	D		
<i>Prerequisite: GEOL 2010</i>											
GEOL	Geology Elective		3	C			General Elective	3	D		
	General Elective		4	D		2nd MATH	MATH 2200 (Track A) or MATH 2205 or 2250 OR GEOL 4250 or 4525 (Track 2)	4	C		
Total						Total					

SUMMER before or after Senior year

GEOL 4717	Field Course in Geology		6	C							
<i>Prerequisite: GEOL 2100 and GEOL 4610</i>											
Total						Total					

SENIOR YEAR

GEOL	Upper Div Geology Elec		4	C		GEOL 4820	Capstone	C3	3	C	
						<i>Prerequisite: Junior standing and 26 hours in the department</i>					
GEOL	Upper Div Geology Elec		4	C		GEOL	Upper Division Geology Elective	4	C		
	Upper Division Elective		3	D		GEOL	Upper Division Geology Elective	3	C		
	General Elective		3	D			General Elective	4	D		
Total						Total					

Total Program Credits: 14
120

Fall only or spring only course

- A minimum of 120 hours is required. • A minimum of 42 hours must be upper division.
- 22 hours of GEOL Electives are required and must be taken at the 2000+ level and above
- Degree candidates must meet the academic requirements of the university, and must have a minimum GPA of 2.0.
- Math Track A: MATH 2200, GEOL 2120.
- Math Track B: MATH 2200, and MATH 2205 or MATH 2250 or GEOL 4525
- A minimum grade of C (S where appropriate) is required for all required courses programs. This applies to course work taken outside the department, as well as to transfer courses.