

Environmental Geology & Geohydrology, 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 or USP ELECTIVE	FYS	3	C			CHEM 1030	Gen Chem II	PN	4	C	
							Prerequisite:	C in CHEM 1020				
CHEM 1020	General Chemistry I	PN	4	C			MATH 2200	Calculus I	Q	4	C	
	Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450						Prerequisite:	C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640				
GEOL 1100	Physical Geology or GEOL 1005, 1200, 1320 or 1330		4	C				USP: US & Wyo Const.	V	3	D	
	USP: Communications I	C1	3	C				USP: Human Culture	H	3	D	
Total			14			Total				14		

SOPHOMORE YEAR

GEOL 2000	Geochem Cycles/Earth Systems		4	C			GEOL 2100	Stratigraphy and Sedimentation		4	C	
	C in GEOL 1100 and concurrent in CHEM 1020							C in GEOL 2010				
GEOL 2010	Mineralogy		4	C			MATH 2205	Calculus II		4	C	
	C in GEOL 1100 and concurrent in CHEM 1020						Prerequisite:	C in MATH 2200				
GEOL 2080	General Field Geology		3	C				USP: Human Culture	H	3	D	
	C in GEOL 1100 and one other GEOL course						GIST 2310	Intro to GIS		4	C	
	USP: Communications II	C2	3	C			Total			15		
	Prerequisite: C in C1						Total			15		

JUNIOR YEAR

One of:	PHYS 1110 OR PHYS 1210		4	C			GEOL 4490	Geochemistry		4	C	
	C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640						Prerequisites	GEOL 2010, CHEM 1020, MATH 2200, MATH 2205				
GEOL	Upper Div. Geology Elec		4	C			One of:	Allied Math/Science		4	C	
	General Elective		4	D				LIFE 1010, STAT 2050, MATH 2210, PHYS 1120 OR PHYS 1220				
GEOL 4140	Diversity Inclusion Geoscience		1	C			GEOL	Upper Div. Geology Elec		4	C	
	Prerequisite: C in C1						GEOL	Upper Div Geology Elec		4	C	
	General Elective		2	C			Total			16		
Total			15			Total				16		

SENIOR YEAR

GEOL 4880	Earth Surface Processes		3	C			GEOL 4820	Capstone	C3	3	C	
	MATH 2205, PHYS 1210 (MATH 2210 preferred)							Junior standing and 26 hours in the department				
GEOL 4444	Geohydrology		4	C			GEOL	Upper Div Geology Elec		3	C	
	Prerequisite: MATH 2205							General Elective		3	D	
GEOL 4777	Geochemistry of Natural Waters		3	C				Upper Division Elec		3	D	
	Prerequisites CHEM 1030							Upper Division Elec		4	D	
GEOL	Upper Div. Geology Elec		3	C			Total			16		
	General Elective		3	D			Total			16		
Total			16			Total				16		

Total Program Credits: 120

Fall only or spring only course

- A minimum of 120 hours is required. • A minimum of 42 hours must be upper division.
- 18 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.
- Grades of C (S where appropriate) or better are required for all courses used to satisfy program requirements. This applies to course work taken outside the department, as well as to transfer courses.
- One 3-credit course with an ASD-Diversity of ASG-Global Awareness Attribute may be taken in place of GEOL 4140 (1cr) and General Elective (2 cr).