

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 <i>or USP ELECTIVE</i>	FYS	3	C	
CHEM 1020	General Chemistry I	PN	4	C	
<i>Prerequisite: ACT Math 23 or concurrent MATH 1400, 1405 or 1450</i>					
GEOL 1100	Physical Geology <i>or GEOL 1005, 1200 or 1500</i>		4	C	
	USP: Communications I	C1	3	C	
Total			14		

CHEM 1030	Gen Chem II	PN	4	C	
<i>Prerequisite: C in CHEM 1020</i>					
MATH 2200	Calculus I	Q	4	C	
<i>Prerequisite: C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640</i>					
	USP: US & Wyo Const.	V	3	D	
	USP: Human Culture	H	3	D	
Total			14		

SOPHOMORE YEAR

GEOL 2000	Geochem Cycles/Earth Systems <i>C in GEOL 1100 and concurrent in CHEM 1020</i>		4	C	
GEOL 2010	Mineralogy <i>C in GEOL 1100 and concurrent in CHEM 1020</i>		4	C	
GEOL 2080	General Field Geology <i>C in GEOL 1100 and one other</i>		3	C	
	USP: Communications II	C2	3	C	
<i>Prerequisite: C in C1</i>					
Total			14		

GEOL 2100	Stratigraphy and Sedimentation <i>C in GEOL 2010</i>		4	C	
MATH 2205	Calculus II <i>Prerequisite: C in MATH 2200</i>		4	C	
	USP: Human Culture	H	3	D	
GIST2310	Intro to GIS		4	C	
Total			15		

JUNIOR YEAR

GEOL	Upper Div. Geology Elec		4	C	
One of:	PHYS 1110 OR PHYS 1210 <i>C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640</i>		4	C	
	General Elective		4	D	
One of:	Global (ASG) or Diversity (ASD) or GEOL 4140 Div & Inclusion in the Geosciences -only1 credit		3	C	
Total			15		

GEOL 4490	Geochemistry <i>Prerequisites: GEOL 2010, CHEM 1020, MATH 2200, MATH 2205</i>		4	C	
GEOL	Upper Division Elective <i>Allied Math/Science</i> <i>LIFE 1010, STAT 2050, MATH 2210, PHYS 1120 OR PHYS 1220</i>		4	C	
GEOL	Upper Div Geology Elec		4	C	
Total			16		

SENIOR YEAR

GEOL 4880	Earth Surface Processes <i>MATH 2205, PHYS 1210 (MATH 2210 preferred)</i>		3	C	
GEOL 4444	Geohydrology <i>Prerequisite: MATH 2205</i>		4	C	
GEOL 4777	Geochemistry of Natural Waters <i>Prerequisites: CHEM 1030</i>		3	C	
	Upper Div Geology Elec		3	C	
	General Elective		3	D	
Total			16		

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