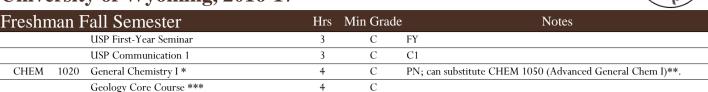
Geology, BS





Credit hours subtotal: 14

Freshman Spring Semester			Hrs	Min Grade	Notes
USP Human Culture		3		Н	
		USP US & Wyoming Constitutions	3		V
CHEM	1030	General Chemistry II	4	С	Can substitute CHEM 1060 (Advanced General Chem II).
PHYS	1110	General Physics I	4	С	PN; can substitute PHYS 1210 (Engineering Physics I).
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Credit hours subtotal: 14

Sophomore Fall Sen	Hrs	Min Grad	e	Notes	
USP Human (Culture	3	С	Н	
GEOL 2000 Geochemical	Cycles and the Earth System	4	С		
GEOL 2010 Mineralogy		3	С		
MATH 2200 Calculus I ***	**	4	С	Q	

Credit hours subtotal: 14

Sophomore Spring Semester				Min Grade	Notes
		USP Communication 2	3	С	C2
GEOL	2020	Introduction to Petrology	2	С	
GEOL	2100	Stratigraphy and Sedimentation	4	С	
					Can substitute MATH 2250 (Elementary Linear Algebra) or GEOL
MATH	2205	Calculus II	4	С	4525 (Environmental Data Analysis).
		Credit hours subtotal:	13		

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the *University Catalog* and consult with their academic advisor to plan accordingly.

University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U. • University Studies Program (USP) Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major

College of Arts and Sciences requirements:

Students must take two "core" courses in addition to the USP requirements: Diversity in the United States (ASD) and Global Awareness (ASG). • No more than 60 hours in the major subject may be used toward the 120 credit hours required for graduation. • At least 30 hours in the major subject must be completed with a grade of C or better (the major may require more).

Geology Program Notes:

This plan assumes students are calculus ready. Academic plans and course schedules will need to be altered if Math Placement scores require remediation prior to enrolling in MATH 2200. • A grade of C or better is required in all geology and allied courses. • A summer geology field course in one of the last two semesters is required. • This degree program prepares students for the examination for the professional geologist license.

* Requires MATH ACT \geq 23, MATH SAT \geq 600, Math Placement Exam \geq 3, or concurrent enrollment in MATH 1400, 1405, or 1450. (University standard)

Geology, BS



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Junior Fall Semester			Hrs	Min Grade	Notes
		A&S Core Global	3		ASG; GEOL 3650 (Energy for Society) is recommended.
GEOL	2005	Introduction to Geophysics	4	С	Can substitute GEOL 3005 (Principles of Geophysics).
GEOL	4610	Structural Geology and Tectonics	4	С	
		Geology Elective *****	3	С	
		Credit hours subtotal:	<u>14</u>		

Junior Spring Semester	Hrs	Min Grade	Notes
A&S Core Diversity in the US	3	ASD	
Geology Electives *****	6	С	
Upper Division Electives	6		
Credit hours subtotal:	15		

Summer Semester			Hrs	Min Grade	Notes	
GEOL	4717	Field Course in Geology		6	С	
			Credit hours subtotal:	<u>6</u>		

Senior Fall Semester	Hrs	Min Grade	Notes
Geology Electives ****	9	С	
Electives	6		
Credit hours subtotal:	15		

Senior Spring Semester	Hrs	Min Grade	Notes
GEOL 4820 Capstone	3	C C3	
Upper Division Electives	12		
Credit hours subtotal:	<u>15</u>		
TOTAL CREDIT HOURS:	<u>120</u>		

Geology Program Notes con't:

** Requires MATH ACT \geq 27, MATH SAT \geq 600, one year of high school chemistry, and concurrent enrollment in MATH 2200. (University standard)

*** Geology Core Courses. Choose from one of the following core courses:

GEOL 1005 Earth History GEOL 1100 Physical Geology

GEOL 1500 Water, Dirt, and Earth's Environment

**** Requires MATH ACT \geq 27, MATH SAT \geq 600, Math Placement Exam \geq 5, or \geq C in MATH 1405 or 1450.

**** 18 credit hours of geology electives are required and these courses must be taken at the 2000-level or above.