



## B.S. Geology 2019-2020 Catalog

B.S. Geology	cr	Grade	Notes
USP - University Studies Program Requirements			
<b>USP: First Year Seminar</b>	3		FYS
<b>USP: Communications I</b>	3		C1
<b>USP: Communications II</b>	3		C2
<b>USP: Communications III</b> (GEOL 4820 built into major)			C3
<b>USP: US &amp; Wyoming Constitutions</b>	3		V
<b>USP: Human Culture</b>	3		H
<b>USP: Quantitative</b> (MATH 2200 built into major)			Q
<b>USP: Physical &amp; Natural World</b> (CHEM 1020/1050, CHEM 1030/1060 built into major)			PN
<b>Credit hours subtotal:</b>			18
Geology Program - Required Courses			
GEOL 1005 Earth History	4		
GEOL 2000 Geochemical Cycles and the Earth System	4		
GEOL 2005 Introduction to Geophysics or GEOL 3005 Principles of Geology	4		
GEOL 2010 Mineralogy	3		
GEOL 2020 Introduction to Petrology	2		
GEOL 2100 Stratigraphy and Sedimentation	4		
GEOL 4610 Structural Geology and Tectonics	4		
GEOL 4717 Field Course in Geology	6		
GEOL 4820 Capstone	3		C3
GEOL courses 2000-level and above	18		
<b>Credit hours subtotal:</b>			52
Major Related Courses Allied Math & Sciences (20 credits)			
<b>Choose one:</b> CHEM 1020 General Chemistry I CHEM 1050 Advanced General Chemistry I	4		
<b>Choose one:</b> CHEM 1030 General Chemistry II CHEM 1060 Advanced General Chemistry I	4		
MATH 2200 Calculus I	4		
MATH 2205 Calculus II	3-4		
PHYS 1110 General Physics I	4		

<b>Credit hours subtotal:</b>		19-20
<b>Elective Courses</b>		
Elective	24	Electives should work to fulfill upper division requirement.
A&S Core Diversity in the US	3	ASD
A&S Core Global Awareness	3	ASG
<b>Credit hours subtotal:</b>		30

**B.S. Geology total credit total:** 120

**B.S. Geology Program Notes:**

This program represents a minimum proficiency. Students are strongly advised to elect additional courses in geology. This degree program prepares students for the examination for the professional geologist license.

- A minimum of 120 hours is required. A minimum of 42 hours must be upper division (3000 & 4000 level).
- Math, Science & CM Electives must be selected with advisor's approval from Department list. General Electives cannot meet any other requirement for the major. Electives should be selected to satisfy the 42 hour upper division requirement.
- Degree Candidates must meet the academic requirements of the university, and must have a minimum GPA of 2.0 in all courses required for the major. • Grades of C or better are required for all prerequisite courses.
- A summer geology field course in one of the last two semesters is required.
- Students may not take a course for S/U credit to satisfy any requirement, unless the course is offered for S/U credit only.

**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 single 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 UW's 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 (individual majors may require more).

The University of Wyoming Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.