

Bachelor of Science in Geology

Students must fulfill 8 of the 9 University General Education Objectives (a minimum of 36 credits--see the General Education Requirements (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation>) in the Academic Information section of this catalog).

Code	Title	Credits
Required Courses:		
MATH 1170	Calculus I	4
MATH 1175	Calculus II	3-4
or MATH 3350	Statistical Methods	
CHEM 1111 & 1111L	General Chemistry I and General Chemistry I Lab	5
CHEM 1112 & 1112L	General Chemistry II and General Chemistry II Lab	4
PHYS 1111	General Physics I ¹	3-4
or PHYS 2211	Engineering Physics I	
GEOL 1107	Real Monsters ²	3
GEOL 2204	Fluid Earth	4
GEOL 2205	Solid Earth	4
GEOL 3310	Geologic Field Methods	3
GEOL 3313	Earth Materials I	3
GEOL 3314	Earth Materials II	3
GEOL 3315	Evolution of the Earth's Surface	4
GEOL 4403 & 4403L	Principles of Geographic Information Systems and Principles of GIS Laboratory	3
GEOL 4421 & 4421L	Structural Geology and Structural Geology Laboratory	4
GEOL 4450	Field Geology ³	6
GEOL 4452	Sedimentation-Stratigraphy	4
42 required geoscience credits plus upper division geoscience elective courses to equal at least 50 geoscience credits.		

¹ May choose the following optional courses: PHYS 1113, PHYS 1114, General Physics Laboratory, 2 cr; PHYS 2213, PHYS 2214, Engineering Physics Laboratory, 2 cr.

² Transfer students may substitute other courses for GEOL 1107 with the permission of the Geosciences Department Chair or Geosciences Undergraduate Advisor.

³ GEOL 4450 is a 5-week summer field course, usually taken between the junior and senior years.