

# GEOLOGY, BACHELOR OF SCIENCE

Along with specific requirements for any major, all students in the Bachelor of Arts and Bachelor of Science degree programs must meet all general education (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/>) and graduation requirements (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/#text>) under a single catalog.

**The Bachelor of Science option requires** a total of 52 credits, 40 credits in geology and 12 credits of supporting courses:

Code	Title	Credits
<b>Major Requirements</b>		
GEOL 212	The Dynamic Earth and Environment	4
GEOL 232	Environmental Geochemistry	4
GEOL 321	Earth History and Stratigraphy	4
GEOL 336	Process Geomorphology	4
GEOL 343	Fundamentals of Mineral Science	2
GEOL 344	Igneous and Metamorphic Petrology	4
GEOL 345	Sedimentary Geology	2
GEOL 412	Field Geology (or equivalent summer field experience)	6
GEOL 443	Structural Geology	4
GEOL 494	Senior Seminar for Geology Majors	2
<b>Electives</b>		
Select four elective credits in geology		4
GEOL 332	Studies In Regional Geology	
GEOL 341	Quantitative Methods for Environmental Analysis and Problem Solving	
GEOL 355	Introduction to Soil Science	
GEOL 371	Introduction to Geographic Information Systems	
GEOL 372	GIS Practicum	
GEOL 385	Topics in Earth Science (Climate Change, Petroleum Geology)	
GEOL 437	Hydrogeology	
GPS 306	Physical Settings of the Bible	
<b>Total Credits</b>		<b>40</b>

Code	Title	Credits
<b>Required Supporting Courses</b>		<b>12</b>
CHEM 231	General Chemistry I	4
PHYS 221	General Physics I	4
MATH 231	Calculus I	4
	or MATH 221 Applied Calculus	
<b>Recommended Supporting Courses</b>		
PHYS 222	General Physics II	4
MATH 232	Calculus II	4