

Geoscience Curriculum Guide

An example: Four year plan for **Geoscience Major**

120 credits necessary to graduate. Participation in field courses, the Geology Club, internships, and/or independent studies are highly recommended. Plan is a representation and categories of classes can be switched. Check with your advisor.

Course	Title	Credits
Freshman		
Fall		
GEOSCI 202	Physical Geology	4
ENG COMP 100	English Composition I: College Writing	3
MATH 104 or MATH 202	Precalculus or Calculus and Analytic Geometry I	4
First Year Seminar		3
General Ed		3
	Credits	17
Spring		
GEOSCI 203	Earth System History	3
GEOSCI 204	Earth System History Laboratory	1
MATH 202 or MATH 260	Calculus and Analytic Geometry I or Introductory Statistics	4
ENG COMP 105 or COMM 133	English Composition II: Composition and Rhetoric or Fundamentals of Public Address	3
ENV SCI 421	Geoscience Field Trip	1
General Ed		3
	Credits	15
Sophomore		
Fall		
CHEM 211	Principles of Chemistry I	4
CHEM 213	Principles of Chemistry I Laboratory	1
ENV SCI 330	Hydrology	3
MATH 202 or MATH 260	Calculus and Analytic Geometry I or Introductory Statistics	4
General Ed		3
	Credits	15
Spring		
CHEM 212	Principles of Chemistry II	4
CHEM 214	Principles of Chemistry II Laboratory	1
General Ed		3
Elective		3
Elective		3
ENV SCI 421	Geoscience Field Trip	1
	Credits	15
Junior		
Fall		
GEOSCI 340	Introduction to Mineralogy & Petrology	4
ENV SCI 320	The Soil Environment	4
PHYSICS 201	Principles of Physics I	5
General Ed		3
	Credits	16

Spring		
GEOSCI/ENV SCI Upper Level Elective		3
GEOSCI/ENV SCI Upper Level Elective		3
Elective		3
Elective		3
Elective		3
ENV SCI 421	Geoscience Field Trip	1
	Credits	16
Senior		
Fall		
GEOSCI/ENV SCI Upper Level Elective		3
Elective		3
Elective		3
Elective		3
General Ed		3
	Credits	15
Spring		
GEOSCI 432	Hydrogeology	3
GEOSCI/ENV SCI Upper Level Elective		3
Elective		3
Elective		3
	Credits	12
	Total Credits	121

*Students are encouraged to take science and math courses early in their career, so that they are better prepared for opportunities such as scientific research or internships as sophomores, juniors, & seniors.