

# General Emphasis

## GEOSCIENCE Major

Code	Title	Credits
<b>Supporting Courses</b>		<b>34</b>
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory	
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory	
GEOSCI 202	Physical Geology	
GEOSCI 203	Earth System History	
GEOSCI 204	Earth System History Laboratory	
MATH 202	Calculus and Analytic Geometry I	
MATH 260	Introductory Statistics	
PHYSICS 201	Principles of Physics I	
COMM 133 or ENG COMP 105	Fundamentals of Public Address English Composition II: Composition and Rhetoric	
<b>Upper-Level Courses</b>		<b>26</b>
ENV SCI 320	The Soil Environment	
ENV SCI 330	Hydrology	
GEOSCI 340	Introduction to Mineralogy & Petrology	
GEOSCI 432	Hydrogeology	
<b>Choose 12 credits from the following courses:</b>		
ENV SCI 337	Environmental GIS	
ENV SCI 421	Geoscience Field Trip (Offerings of trip to different areas may be repeated for credit)	
ENV SCI 425	Global Climate Change	
GEOSCI 301	Introduction to Geoscience Field Methods	
GEOSCI 350	Structural Geology and Geodynamics	
GEOSCI 402	Sedimentology & Stratigraphy	
GEOSCI 450	Ore Deposits	
GEOSCI 470	Glacial Geology & Landscapes	
GEOSCI 492	Special Topics in Geoscience <sup>1</sup>	
<b>Total Credits</b>		<b>60</b>

<sup>1</sup> Course topics vary. Typical topics include structural geology, ore deposits and geomorphic processes. Offerings of different topics can be repeated for credit.