

GEOLOGICAL SCIENCES MINOR

The geological sciences minor offers an introduction to Earth's systems and geological processes. Students in the minor gain a foundational understanding of the physical, chemical and biological aspects of Earth's systems and their human interactions and impacts. The minor complements many primary areas of study in the natural and social sciences and has a wide array of applications especially in the management of natural resources, protection of the environment and in planning and policy making based on natural limitations on societal development.

Minor Requirements (20 hours)

Course	Title	Credits
Prerequisite (may be used to fulfill a Carolina Core requirement)		
Select one of the following:		
CHEM 111 & 111L	General Chemistry I and General Chemistry I Lab	
PHYS 201 & 201L	General Physics I and General Physics Laboratory I	
PHYS 211 & 211L	Essentials of Physics I and Essentials of Physics I Lab	
Core Courses		
Select one of the following:		4
GEOL 101	Introduction to the Earth	
GEOL 103	Environment of the Earth	
GEOL 201	Observing the Earth	
Upper-Level Geology Courses		
GEOL 302	Rocks and Minerals	4
Select three upper-level Geological Sciences courses, with at least two selected from the following:		12
GEOL 305	Earth Systems through Time	
GEOL 315	Surface and Near Surface Processes	
GEOL 325	Stratigraphy and Sedimentary Basins	
GEOL 335	Processes of Global Environmental Change	
GEOL 345	Igneous and Metamorphic Processes	
GEOL 355	Structural Geology and Tectonics	
Total Credit Hours		20

Note: PHYS 201 or PHYS 211 required for GEOL 355 and see MATH requirement for GEOL 345.