

GEOPHYSICS MINOR

Designed for students interested in obtaining an in-depth background in the geophysical techniques and how they apply to the study of the Earth. It targets students interested in expanding their quantitative skills to the understanding of the environment, land and ocean resources, natural hazards, and mountain building.

Minor Requirements

Course	Title	Credits
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	
GEOL 302	Rocks and Minerals	4
PHYS 201 & 201L	General Physics I and General Physics Laboratory I	4
or PHYS 211 & 211L	Essentials of Physics I and Essentials of Physics I Lab	
MATH 141	Calculus I	4
Upper-Level Geology Courses		
Select three of the following:		9-12
GEOL 345	Igneous and Metamorphic Processes	
GEOL 355	Structural Geology and Tectonics	
GEOL 531	Plate Tectonics	
GEOL 548	Environmental Geophysics	
GEOL 554	Applied Seismology	
GEOL 555	Elementary Seismology	
GEOL 556	Seismic Reflection Interpretation	
GEOL 575	Numerical Modeling for Earth Science Applications	
GEOL 582	Marine Hydrodynamics	
Total Credit Hours		25-28