

GEOPHYSICS MINOR

The minor in geophysics is designed for students interested in obtaining an introduction to geophysical techniques and their application in the study of Earth's systems. The minor complements many primary areas of study, particularly in the sciences, such as data science, and fields related to public policy. The minor is deal for students interested in expanding their quantitative skills and using them to gain an understanding of basic and applied aspects of Earth systems, including natural resources, the environment and natural hazards.

Minor Requirements (18-20 Hours)

Course	Title	Credits
Prerequisites ¹		
MATH 141	Calculus I	
PHYS 201 & 201L	General Physics I and General Physics Laboratory I	
or PHYS 211 & 211L	Essentials of Physics I and Essentials of Physics I Lab	
Core Courses		4
Select one of the following:		
GEOL 101	Introduction to the Earth	
GEOL 103	Environment of the Earth	
GEOL 201	Observing the Earth	
GEOL 302	Rocks and Minerals	4
Select 10-12 hours from the following:		10-12
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		18-20