

# GEOLOGICAL AND MINING ENGINEERING MINOR

Code	Title	Hours
CE 3250	Fundamentals of Hydrologic Engineering	3
ENGR 2200	Engineering Dynamics	3
GEOE 4070	Rock Mechanics	3
GEOE 4650	Excavation and Materials Handling	3
<b>Choose 3 elective courses from the following:</b>		<b>7-12</b>
CE 3600	Fundamentals of Geotechnical Engineering	
CE 3300	Fundamentals of Environmental Engineering	
CE 4250	Engineering Hydrology	
CE 4600	Geotechnical Engineering Design	
GEOE 4280	Geostatistics	
GEOL 1110	Physical Geology for Science Majors	
GEOL 1110L	Physical Geology for Science Majors Lab	
GEOL 3090	Ground Water Hydrology	
GEOL 3350	Geomorphology	
GEOL 3440	Earthquakes	
GEOL 3450	Structural Geology	
GEOL 3610	Geology and the Environment	
GEOL 4100	Groundwater Field Methods	
GEOL 4220	Principles of Geophysics	
HYDR 4090	Quantitative Hydrogeology	
HYDR 4120	Environmental Hydrogeology	
<b>Total Hours</b>		<b>19-24</b>

**Courses to total 21 credits for this minor**