

# GEOLOGICAL AND MINING ENGINEERING MINOR

Code	Title	Hours
CE 325	Fundamentals of Hydrologic Engineering	3
ENGR 220	Engineering Dynamics	3
GEOE 407	Rock Mechanics	3
GEOE 465	Excavation and Materials Handling	3
<i>Choose 3 elective courses from the following:</i>		<i>7-12</i>
CE 360	Fundamentals of Geotechnical Engineering	
CE 330	Fundamentals of Environmental Engineering	
CE 421	Engineering Hydrology	
CE 460	Geotechnical Engineering Design	
GEOE 428	Geostatistics	
GEOL 111	Physical Geology for Science Majors	
GEOL 111L	Physical Geology for Science Majors Lab	
GEOL 309	Ground Water Hydrology	
GEOL 335	Geomorphology	
GEOL 344	Earthquakes	
GEOL 345	Structural Geology	
GEOL 361	Geology and the Environment	
GEOL 410	Groundwater Field Methods	
GEOL 422	Principles of Geophysics	
HYDR 409	Quantitative Hydrogeology	
HYDR 412	Environmental Hydrogeology	
<b>Total Hours</b>		<b>19-24</b>

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