

Earth Science Minor Curriculum Map

Student Learning Goals	Student Learning Outcomes	GEOL 106/106L	GEOL 328/328L	PHYS 103	PHYS 345
Graduates of the minor in Earth Science will have a foundational knowledge of historical and physical geology, and the Earth's context in the solar system	Demonstrate understanding of the formation and history of the Earth, life on Earth, and Earth's physical processes	X	X	X	X
	Identify common rocks, minerals, and fossils in the laboratory and field	X	X		
	Read topographic and geological maps	X	X		
Graduates of the minor will be able to use laboratory and field techniques to identify, analyze, and interpret geological materials	Collect, record and analyze geological field observations including lithological and structural information	X	X		
	Technical oral presentations	X	X		
	Technical written papers: synthesis reports (literature reviews), field reports	X	X		
Communicate Earth Science knowledge in oral and written forms, to technical and non-technical audiences	Collect, record and analyze geological field observations including lithological and structural information	X	X		