

BS Geology

Course	Course Title	Pre-Requisite (Course #)	Co-Requisite (Course #)	Rotation (odd/even/every year(s))			
					Fall	Spring	Summer
GEOL 1303	Essentials of Geology		None	F2F	Every	Every	Every
				Online	Every	Every	Every
GEOL 1403	Physical Geology		SMTE 0094	F2F	Every	Every	Every
				Online			
GEOL 1404	Historical Geology	GEOL 1303 or GEOL 1404	SMTE 0094	F2F		Every	
				Online			
GEOL 2102	Undergraduate Seminar in Geology-Careers in the Geosciences			F2F	Odd		
				Online			
GEOL 2103	Undergraduate Seminar in Geology-Research in the Geosciences			F2F	Even		
				Online			
GEOL 2222	Karst Geology and Paleoclimatology			F2F		Every	
				Online			
GEOL 2490	Selected Topics			F2F	On demand	On demand	On demand
				Online			
GEOL 3326	Introduction to Geological Field Methods	GEOL 1403 and 1404 and GEOL 3411	SMTE 0094	F2F		Odd	
				Online			
GEOL 3329	Geology of National Parks	GEOL 1303, 1403 or 1404		F2F	On demand	On demand	On demand
				Online			
GEOL 3411	Mineralogy	GEOL 1403 and CHEM 1411 and CHEM 1412	SMTE 0094	F2F	Every		
				Online			
GEOL 3414	Igneous and Metamorphic Petrology		SMTE 0094	F2F		Even	

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		GEOL 1403, CHEM 1411, 1412 and GEOL 3411		Online			
GEOL 3441	Invertebrate Paleontology	GEOL 1404	SMTE 0094	F2F	On demand	On demand	On demand
				Online			
GEOL 3442	Geomorphology	GEOL 1403	SMTE 0094	F2F	On demand	On demand	On demand
				Online			
GEOL 3443	Environmental Geology	GEOL 1403	SMTE 0094	F2F		Every	Every
				Online			
GEOL 3490	Selected Topics		SMTE 0094	F2F	On demand	On demand	On demand
				Online			
GEOL 4311	Paleoclimatology	GEOL 1403, ATSC 4335 or ESCI 4335		F2F	Every		
				Online			
GEOL 4316	Marine Geoscience	GEOL 1403, 1404, CHEM 1411 and 1412		F2F	On demand	On demand	On demand
				Online			
GEOL 4321	Introduction to Soil and Groundwater Restoration	GEOL 1403, CHEM 1411, 1412, and GEOL 3443		F2F	On demand	On demand	On demand
				Online			
GEOL 4411	Sedimentation and Stratigraphy	GEOL 1403, 1404, 3411	SMTE 0094	F2F	Every		
				Online			
GEOL 4415	Economic Geology	GEOL 1403, 3411	SMTE 0094	F2F	On demand	On demand	On demand
				Online			
GEOL 4416	Introduction to Geochemistry	CHEM 1411, 1412 and MATH 2413	SMTE 0094	F2F	Odd		
				Online			
GEOL 4421	Structural Geology		SMTE 0094	F2F	Every		

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		GEOL 3411, MATH 2413, PHYS 1401 or 2425		Online			
GEOL 4422	Geophysics	GEOL 4421, PHYS 1401 or 2425, PHYS 1402 or 2426, MATH 24134	SMTE 0094	F2F		Every	
				Online			
GEOL 4423	Seismic Methods	GEOL 4422		F2F	On demand	On demand	On demand
				Online			
GEOL 4424	Environmental and Engineering Geophysics	PHYS 1401 or 2425, PHYS 1402 or 2426, MATH 2413		F2F	On demand	On demand	On demand
				Online			
GEOL 4430	Internship in Geology			F2F	On demand	On demand	On demand
				Online			
GEOL 4436	Introduction to Petroleum Geology	GEOL 4411	SMTE 0094	F2F	Even		
				Online			
GEOL 4444	Hydrogeology	GEOL 1403, PHYS 1401 or 2425	SMTE 0094	F2F		Every	
				Online			
GEOL 4490	Selected Topics			F2F	On demand	On demand	On demand
				Online			
GEOL 4649	Karst of the Yucatan Peninsula	GEOL 1403and 4411, or		F2F	On demand	On demand	On demand
				Online			

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		4444, 4416 or 4311					
GEOL 4650	Field Geology	GEOL 3326, 4411, 4421, 4416, 4444 or 4422	SMTE 0094	F2F			Every
				Online			