

List for Geological Science

Course	Name	Pre-requisite	
ESCI	1101	Environmental Sci. Lab	None
ESCI	1102	Non-major Lab for ESCI 1301	None
ESCI	1301	intro to Environmental Sci	None
ESCI	2105	Research Exp in Envi Science 2	ESCI 2204
ESCI	2201	Environmental Policy & Law	ESCI 1301-1101
ESCI	2204	Research Exp in Envi Science 1	ESCI 1310
ESCI	1310	Field Methods in Envi. Science	ESCI 1301-1101
ESCI	3192	Prof. Development in ESCI	Junior or Senior status ESCI 1301 ESCI 2105 ESCI 2201 ESCI 2204 AND ESCI 1310
ESCI	3308	Climate Science	GEOG 1306 OR GEOG 1211 OR GEOL 1313 with a C or better
ESCI	4166	Directed Study, Env. Sci	None
ESCI	4266	Directed Study, Env. Sci	None
ESCI	4301	Senior Project	ESCI 2105 AND ESCI 2201 with a C or better
ESCI	4315	Topics in Environmental Sci	None
ESCI	4366	Directed Study, Env. Sci	None
ESCI	4398	Environmental Sci. Internship	ESCI 2201 with a C or better
ESCI	4399	Senior Thesis	None
GEOG	1106	Laboratory for GEOG 1306	None
GEOG	1306	Physical Geography	None
GEOG	1310	Cultural Geography	None
GEOG	3107	Weather and Climate Laboratory	Junior or Senior Status and GEOG 3306
GEOG	3306	Weather and Climate	GEOG 1306 OR GEOL 1211 OR GEOL 1313 with a C or better
GEOG	3308	Climate Science	GEOG 1306 OR GEOL 1211 OR GEOL 1313 with a C or better
GEOG	3312	Geography of Latin America	GEOG 1306 AND GEOG 1310 with a C or better
GEOG	3341	Topics in Geography	Junior or Senior Status
GEOG	4307	Geography of Arid Lands	GEOG 1306 with a C or better
GEOG	4310	Advanced Spatial Analysis	Junior or Senior status and GEOL 4385 ANTH 3332 OR SOCI 3332 with a C or better
GEOG	4366	Directed Study in Geography	Junior or Senior status
GEOL	1103	Lab for GEOL 1313	
GEOL	1104	Lab for GEOL 1314	
GEOL	1111	Principles of Earth Sci. Lab	
GEOL	1112	Laboratory for Geology 1212	GEOL 1211
GEOL	1211	Principles of Earth Sciences	
GEOL	1212	Principles of Earth Science	GEOL 1211
GEOL	1230	The Blue Planet	
GEOL	1231	Natural Hazards	
GEOL	1313	Intro to Physical Geology	
GEOL	1314	Intro to Historical Geol	GEOL 1313
GEOL	2109	Mineralogy & Petrology Lab	CHEM 1305 with a C or better
GEOL	2309	Mineralogy & Petrology	CHEM 1305 with a C or better
GEOL	3112	Geoscience Processes Lab	GEOL 1313-1103 OR GEOL 1211-1111 AND GEOL 1314-1104 OR GEOL 1212-1112 with a C or better
GEOL	3115	Igneous/Metamorphic Petr. Lab	GEOL 2309-2109 AND CHEM 1305 with a C or better
GEOL	3123	Structural Geology Lab	GEOL 3312 AND GEOL 1313 OR GEOL 1211-1111 with a C or better
GEOL	3126	Lab for Sedim & Stratigraphy	GEOL 2309-2109 AND GEOL 3312-3112 with a C or better
GEOL	3215	Igneous/Metamorphic Petrology	GEOL 2309-2109 AND CHEM 1305 with a C or better
GEOL	3312	Geoscience Processes	GEOL 1313-1103 OR GEOL 1211-1111 AND GEOL 1314-1104 OR GEOL 1212-1112with a C or better
GEOL	3321	Geology for Engineers	
GEOL	3323	Structural Geology	GEOL 3312-3112 AND GEOL 1313 OR GEOL 1211-1111 with a C or better
GEOL	3326	Sedimentology & Stratigraphy	GEOL 2309-2109 AND GEOL 3312-3112 with a C or better
GEOL	3350	Oceanography	GEOL 1313 OR GEOL 3321 with a C or better
GEOL	3420	Invertebrate Paleontology	Junior or Senior status and GEOL 1314-1104 OR GEOL 1212-1112 with a C or better
GEOL	4166	Directed Study, Geology	Junior or Senior status
GEOL	4189	Research in Geological Science	Junior or Senior status
GEOL	4266	Directed Study, Geology	Junior or Senior status
GEOL	4289	Research in Geological Science	Junior or Senior status
GEOL	4308	Paleoclimatology	GEOL 3326 OR GEOL 3308 with a C or better
GEOL	4315	Topics in Geological Science	Junior or Senior status
GEOL	4316	Geochemistry	CHEM 1305 AND CHEM 1306 with a C or better
GEOL	4335	Soil properties & Genesis	CHEM 1305 AND GEOL 1313 OR 1212 with a C or better
GEOL	4366	Directed Study, Geology	Junior or Senior status
GEOL	4373	Grndwater Contam and Reclam	
GEOL	4375	Field Geology I	GEOL 3215-3115 AND GEOL 3323-3123 AND GEOL 3326-3126 with a C or better
GEOL	4376	Field Geology II	GEOL 4375 with a C or better
GEOL	4380	Environmental Geol & Geophys	Junior or Senior status and GEOL 3321 OR GEOL 3323-3123 with a C or better

GEOL	4383	General Hydrogeology	GEOL 3321 OR GEOL 2309-2109 AND MATH 1411 AND MATH 2326 with a C or better
GEOL	4384	Nuclear Fuel Cycle	
GEOL	4385	Introduction GIS	GEOL 1313-1103 OR 1211-1111 with a C or better
GEOL	4389	Research in Geological Science	Junior or Senior status
GEOL	4390	Intrnshp Geological Sciences	GEOL 3312-3112 with a C or better
GEOL	4399	Senior's Thesis	Junior or Senior status
GEOG	3320A	Introduction to Geophysics	GEOL 3312 with a C or better
GEOG	3320B	Data Interp in the Geosciences	MATH 1312 AND GEOL 3312 with a C or better
GEOG	4167	Directed Study, Geophysics	Junior or Senior status
GEOG	4267	Directed Study, Geophysics	Junior or Senior status
GEOG	4306	Meteorology	MATH 2313 AND PHYS 2421 with a C or better
GEOG	4332	Explor Geophysics-Seismice Meth.	GEOL 3312 AND PHYS 2420 AND PHYS 2421 AND MATH 1312 with a C or better
GEOG	4334	Explor Geophys Non-seismic Meth.	GEOL 3312 AND PHYS 2420 AND PHYS 2421 AND MATH 1312 with a C or better
GEOG	4336	Intro to Remote Sensing	GEOL 1313 AND GEOL 1314 with a C or better
GEOG	4350	Field Geophysics	GEOG 4220A AND GEOG 4420B with a C or better
GEOG	4367	Directed Study, Geophysics	Junior or Senior status
GEOG	4220A	Applied GeophysicsI-Nonseismic	GEOG 3320A AND GEOG 3320B AND PHYS 2421 with a C or better
GEOG	4220B	Applied Geophysics II-Seismic	GEOG 3320A AND GEOG 3320B AND PHYS 2421 with a C or better