

Integrative Studies: Geography/Geology Field

The following are course options in Geography and Geology for Integrative Studies majors. You are always responsible to meet a course prerequisites stated below which may differ from the catalog.

Course #	Course Name	Pre-Requisites
GEOG 1200	Global Societies	
GEOG 1500	Geospatial Technology & Urban Environments	
GEOG 1710	Earth Science	
GEOL 1610	Physical Geology	
GEOG 2110	Foundations of Geographic Research	Majors only
GEOG 2170	Culture, Environment and Society	
GEOG 2180	Geosystems, Environment and Society	
Environmental Studies		
GEOG 3420	Applied Biogeography	
GEOG 4115	Our Energy Futures	GEOG 2170
GEOG 4250	Climatology	GEOG 2180 or consent
GEOL 4710	Ecosystems: Structure, Function and Services	GEOG 2180, or BIOL 2140 or consent
International Studies		
GEOG 3010	Economic Geography	GEOG 1200 or GEOG 2170 or consent
GEOG 4210	Urban Geography	GEOG 2170 or consent
GEOG 4420	Critical Resource Geography: Population, Nature, Food & Energy	GEOG 1200 or GEOG 2170 or consent
GEOG 3750	Geography of Contemporary Sub-Saharan Africa	GEOG 2110 or consent
GEOG 3770	Latin America: Geography and Globalization	
GEOG 3780	Geography of Mexico	
Healthcare		
GEOG 4120	Medical Geography	GEOG 2100, GEOG 2170, GEOG 3500, and MATH 1680 or consent
GEOG 4410	Location-Allocation Modeling	Offered infrequently
GEOG 4210	Urban Geography	GEOG 2170 or consent
GEOG 4580	GIS in Health	
Geosciences		
GEOG 4350	Geomorphology	GEOG 1710, GEOG 2180 or consent
GEOG 4750	Surface Water Hydrology	GEOG 2110, GEOG 2180, and MATH 1680, or consent
GEOL 3000	Geology of Texas	GEOL 1610, GEOG 1710 or GEOG 2180, or consent
GEOL 3020	Historical Geology	GEOL 1610, GEOG 1710 or GEOG 2180, or consent
GEOL 4630	Soils Geomorphology	GEOL 1610, GEOG 1710 or GEOG 2180, or consent
GEOL 4850	Introduction to Groundwater Hydrology	GEOG 2110, GEOG 2180, and MATH 1680, or consent
GIS/Computer Science		
GEOG 3500	Introduction to Geographic Information Systems	
GEOG 4550	Advanced GIS	GEOG 3500 C or better, or consent
GEOG 4560	Introduction to GIS Programming	
GEOG 4570	Special Topics in GIS	
GEOG 4590	Advanced GIS Programming	GEOG 4560 or consent
Business		
GEOG 3010	Economic Geography	GEOG 1200 or GEOG 2170 or consent
GEOG 3100	United States & Canada: Economies, Cities & Sustainability	GEOG 2110 or consent
GEOG 4060	Applied GIS: MapInfo Professional®	GEOG 2170 or consent
GEOG 4210	Urban Geography	GEOG 2170 or consent
GEOG 4220	Applied Retail Geography	Junior standing or consent
GEOG 4230	Location Intelligence: Business GIS Concepts and Applications	Junior standing or consent