

Department of Earth Sciences
Major Requirements: **Geology**

One 100-level ESCI course	_____
One Math, Science, or Computer Science course CHEM 11100; BIOL 11100; PHYS 10700 or 11100; MATH 10200, 10700, or 11100; or CSCI 10000 or 10200	_____
ESCI 20000 Earth Systems	_____
ESCI 20500 Earth Materials	_____
One Evolution and Time course ESCI 22000 Paleontology or ESCI 21500 Paleogeology	_____
One Surface Processes course ESCI 27500 Modern Climate Change, ESCI 27000 Paleoclimate, ESCI 28000 Hydrology, ESCI 37500 Geomorphology, ESCI 37000 Sedimentology & Stratigraphy	_____
One Earth Composition course ESCI 33000 Petrology, ESCI 33500 Geochemistry	_____
One Earth Structure course ESCI 34000 Structure, ESCI 34500 Tectonics & Basin Analysis	_____
Two ESCI or cross-listed electives , at least one at the 300-level	_____ _____
Independent Study	
ESCI 40100 Junior I.S.	_____
ESCI 45100 Senior I.S.	_____
ESCI 45200 Senior I.S.	_____