

**MINOR IN GEOLOGY  
(CODE 381.00)**

A minor in geology requires 19 hours

	Courses	Hours
<i>Required 12 Hours Grade of "C" or better for all courses including prerequisite.</i>	<b>GEOL 1410 Physical Geology (Fall/Spring)</b>	4
	<b>GEOL 1420 Historical Geology (Fall/Spring)</b> <i>(Prerequisite: Geol 1410)</i>	4
	<b>GEOL 2410 Mineralogy (Fall)</b> <i>(Prerequisite: "C" or higher in GEOL 1410, GEOL 1420 and CHEM 1141/1341)</i>	4
<i>Complete remaining 7 hours by any combination of these courses.</i>	<b>GEOL 3400 Petrology</b> <i>(Prerequisite: "C" or higher in Geol 2410)</i>	4
	<b>GEOL 3410 Sedimentation &amp; Stratigraphy</b> <i>(Prerequisite: Geol 2410)</i>	4
	<b>GEOL 3430 Structural Geology</b> <i>(Prerequisite: GEOL 1410 &amp; GEOL 1420)</i>	4
	<b>GEOL 3440 Paleontology &amp; Biostratigraphy)</b> <i>(Prerequisite: GEOL 1410 &amp; GEOL 1420)</i>	4
	<b>GEOL 4121 Directed Studies</b>	1
	<b>GEOL 4320 Field Studies</b> <i>(Prerequisite: "C" or higher in GEOL 1410 &amp; GEOL 1420)</i>	3
	<b>GEOL 4330 Applied Geology</b> <i>(Prerequisite: GEOL 1410 &amp; GEOL 1420)</i>	3
	<b>GEOL 4421 Hydrogeology</b> <i>(Prerequisite: GEOL 1420 and CHEM 1141/1341)</i>	4
	<b>ANTH 3375W Geoarchaeology</b>	3
	<b>GEO 3325 Geomorphology (Fall/Spring)</b> <i>(Prerequisite: GEOL 1410 or GEO 2410)</i>	3
<b>GEO 4325 Fluvial Processes</b> <i>(Prerequisite: GEO 3325 or GEO 3434)</i>	3	

Students must use CHEM 1141/1341, General Chemistry, to fulfill the prerequisites for GEOL 2410, Mineralogy, and GEOL 4421, Hydrogeology. In addition, working in an environmental field, or positions dealing with water resources (such as groundwater) will likely require a minimum of two chemistry for majors' courses (and likely an organic chemistry class as well). For students intending to take additional courses in geology or other Earth sciences we recommend that you take additional math courses that include trigonometry (MATH 1317 or above). Please consult with individual faculty for more details about catering your coursework to fulfill your professional goals.

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