

**Physics, with a concentration/emphasis Interdisciplinary Science: Geology Focus**

All concentrations/emphasis areas are 24 hours in total. The required hours for the concentration or emphasis area are listed in the top section. The student can choose from the list of courses in the second section to complete the 24 hour requirement.

The Interdisciplinary Science emphasis area is made up of courses drawn from one or more disciplines, departments or programs, with a single coherent focus in one of the following areas: Biology, Chemistry, Computer Science, Geology, Mathematics, Medical Physics or Statistics. Some of these options satisfy the requirements for a minor in the focus area, as indicated.

More information can be found on the departmental website for geology, or the bulletin. Note: students who do not earn a GLY degree but who have 30 hours of geology/earth science courses, with 24 at the 2000-level and above, are eligible to sit for a Professional Geology licensure exam once they meet work requirements.

<b>Geology focus for Physics B.S. with a concentration in interdisciplinary science</b>		
<b>Geology minor</b>		
GLY 1101	Intro to Physical Geology	4
<b>OR</b>		
GLY 1102	Intro to Historical Geology	4
<b>OR</b>		
GLY 1103	Environmental Change, Hazards, and Resources	4
<b>OR</b>		
GLY 1104	Water: Mountains to Sea	4
<b>OR</b>		
GLY 1105	Oceanography	4
<b>AND</b>		
GLY 2250	Evolution of the Earth	4
6 hours of GLY electives (2000 or above excluding GLY 3520)		6
3 hours of GLY electives at any level		3
Used from 24 hours		17
Leftover		7

<b>Choose remaining 7 hours from:</b>		
GES 1101	Introduction to Physical Geology	4
GES 2250	Evolution of the Earth	4
GES 2475	Preparation for Geological Science Careers	4
GES 3025	Principles of Paleontology	3
GES 3110	Environmental Regulation and Enforcement	3
GES 3150	Principles of Structural Geology and Tectonics	3
GES 3160	Introduction to Geophysics	3
GES 3220	Fundamentals of Mineralogy	3
GES 3310	Global Biogeochemical Cycles	3
GES 3333	Geomorphology	3
GES 3455	Quantitative Data Analysis for Earth and Environmental Scientists	3
		1-
GES 3530-3549	Selected Topics	4
GES 3715	Petrology and Petrography	3
GES 3800	Sedimentology and Stratigraphy	3
GES 4630	Hydrogeology	3
GES 4705	Engineering Geology	3
GES 4835	Summer Field Geology	6