



B.S. Program in Geology

FALL

WINTER

SPRING

First Year	GEOL 2101 Physical Geology (5)	CHEM 1103 General Chemistry III (5)	
	CHEM 1101 General Chemistry I (5)	MATH 1305 Calculus II (4)	
	GE	GE	

		GEOL Elective* PHYS 1002 General Physics II (5) or PHYS 2702 Intro to Physics II (4) GE	GEOL Elective* PHYS 1003 General Physics III (5) or PHYS 2703 Intro to Physics III (4) GE
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Third Year	GEOL 3601 Mineralogy and Optical Crystallography (5)	GEOL 3701 Igneous and Metamorphic Petrology (5)	GEOL 3801 Sedimentology & Stratigraphy
	GEOL Elective*	GEOL 3810 Structural Geology (5)	GEOL 3910 Geologic Field Methods
	GE	GE	GE

GEOL 4820 Field Geology (8) taken during summer session between third and fourth years.

Fourth Year	GEOL Elective*	GEOL Elective*	GEOL Elective*
	GE	GE	GE
	GEOL 4800 Seminar (2) when offered during fourth year.		

GE – General Education Elective

GEOL Electives (27-30 units depending upon physics sequence completed): At least 10 units must be in 4000-level geology courses. Up to 12 of the elective units may be satisfied with appropriate courses in Biological Sciences, Chemistry, Mathematics and Computer Science, Physics, and/or Statistics approved in advance by a faculty advisor. GEOL 3110 (4), 3200 (1-2, not more than 4 units), 3400 (4), 4010 (5), 4130 (4), 4320 (4), 4800 (2, not more than 2 units), 4850 (2), 4900 (1-4), 4910 (2) (not more than 4 units for 4900 and 4910 combined) and other appropriate GEOL courses as approved by a faculty advisor.