



B.S. Program in Geology

FALL

WINTER

SPRING

First Year	GEOL 2101 Physical Geology (5) CHEM 1101 General Chemistry I (5) GE	CHEM 1102 General Chemistry II (5) MATH 1304 Calculus I (4) GE	CHEM 1103 General Chemistry III (5) MATH 1305 Calculus II (4) GE
------------	---	--	--

Second Year	GEOL 3030 PHYS 1001 General Physics I (5) or PHYS 2701 Intro to Physics I (4) 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
-------------	---	--	--

Third Year	GEOL 3601 Mineralogy and Optical Crystallography (5) GEOL Elective* GE	GEOL 3701 Igneous and Metamorphic Petrology (5) GEOL 3810 Structural Geology (5) GE	GEOL 3801 Sedimentology & Stratigraphy GEOL 3910 Geologic Field Methods GE
------------	--	---	--

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

Fourth Year	GEOL Elective* GE	GEOL Elective* GE	GEOL Elective* 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.