

EXAMPLE CURRICULUM OUTLINE FOR *B.S. MAJOR IN GEOLOGICAL SCIENCES*
For matriculants entering in even-numbered years

Bachelor of Science in Geological Sciences Degree

Fall Semester

FRESHMAN

CHEM 105, Principles of Chemistry I (3) or equivalent
ENGR 131, Elementary Computer Programming (3)^a
Math 121, Calculus for Science and Engineering I (4)
FSCC 100, SAGES First Seminar (4) or equivalent
Arts & Sciences GER course (3)
PHED 101, Physical Education Activities (0)

Spring Semester

CHEM 106, Principles of Chemistry II (3) or equivalent
CHEM 113, Principles of Chemistry Laboratory (2)
MATH 122, Calculus for Science and Engineering II (4)
PHYS 121, General Physics I (4)
SAGES University Seminar (3)
PHED 102, Physical Education Activities (0)

SOPHMORE

GEOL 110, Physical Geology (3)^b
GEOL 119, Geology Laboratory (1)
PHYS 122, General Physics II (4)
Upper level MATH or STAT course (3)
SAGES University Seminar (3)
Arts and Sciences GER course (3)

GEOL 210, Historical Geology and Paleontology (3)^c
PHYS 221, General Physics III (3)
Upper level MATH or STAT course (3)
Arts & Sciences GER courses (6)
Approved Elective (3)

JUNIOR

GEOL 301, Stratigraphy and Sedimentation (3)^c
Upper level Science or Math course (3)^c
Arts & Sciences GER course (3)
Approve elective (6)

GEOL 315, Structural Geology and Geodynamics (3)^d
GEOL 390, Introduction to Geological Research (3)
Upper level Science or Math course (3)^c
Arts & Sciences GER course (3)
Approved Elective (3)

Summer Between Junior and Senior Years

GEOL 360, Summer Field Camp (6)

SENIOR

GEOL 341, Introductory Mineralogy and Petrology (4)^d
GEOL 391, Senior Project (2)
Approved elective (6)
Elective (3)

GEOL 344, Igneous and Metamorphic Petrology (4)^c
GEOL 317, Spring Field Course (3)^c
GEOL 392, Professional Presentation (2)
Approved Electives (3)
Elective (3)

^aSuggested outline only. Program is finalized in consultation with the departmental advisor.

^bGEOL 101 or 115 may be substituted for GEOL 110

^cGEOL 210, 301, 305, 317 and 344 are offered even-numbered years.

^dGEOL 315 and 341 are offered odd-numbered years.

^eUpper level Science course must be in a discipline other than Geology

Nominal hours per semester:	Fr. Fall	17
	Fr. Spring	16
	So. Fall	17
	So. Spring	18
	Jr. Fall	15
	Jr. Spring	15
	Summer Camp	6
	Sr. Fall	15
	Sr. Spring	15
	TOTAL	134