

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

Bachelor of Science in Geological Sciences Degree

Fall Semester

FRESHMAN

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

SOPHMORE

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

JUNIOR

GEOL 341, Introductory Mineralogy and Petrology (4)^d
Arts & Sciences GER courses (6)
Approve elective (3)
Upper level Science or Math course (3)^e

Summer Between Junior and Senior Years

GEOL 360, Summer Field Camp (6)

SENIOR

GEOL 301, Stratigraphy and Sedimentation (3)^c
GEOL 391, Senior Project (2)
Approved electives (6)
Elective (3)

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)
Physics 121, General Physics I (4)
SAGES University Seminar (3)
PHED 102, Physical Education Activities (0)

PHYS 221, General Physics III (3)
Upper level MATH or STAT course (3)
Arts & Sciences GER courses (6)
Approved Electives (6)

GEOL 210, Historical Geology and Paleontology (3)^c
GEOL 317, Spring Field Course (3)^c
GEOL 344, Igneous and Metamorphic Petrology (4)^c
GEOL 390, Introduction to Geological Research (3)
Upper level Science or Math course(3)^e

GEOL 315, Structural Geology and Geodynamics (3)^d
GEOL 392, Professional Presentation (2)
Approved electives (6)
Elective (3)

^aAnother computer programming course may be substituted for ENGR 131.

^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	16
	Jr. Spring	16
	Summer Camp	6
	Sr. Fall	14
	Sr. Spring	14
	TOTAL	134