

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 (odd years)

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 (even years)

EEPS 110, Physical Geology (3)^b
EEPS 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 (odd years)

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

Summer Between Junior and Senior Years

EEPS 360, Summer Field Camp (6)

SENIOR (even years)

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

Spring Semester

(even years)

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)

(odd years)

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

(even years)

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

(odd years)

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

^a Another computer programming course may be substituted for ENGR 131.

^b EEPS 101 or 115 may be substituted for EEPS 110

^c EEPS 210, 301, 317 and 344 are offered even-numbered years.

^d CHEM 301 or CHEM 335 or ENGR 225 may be substituted for PHYS 221

^e EEPS 315 and 341 are offered odd-numbered years.

^f Upper 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