

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

**Bachelor of Arts Degree  
 Major in Geological Sciences<sup>a</sup>**

**Fall Semester**

**FRESHMAN**

CHEM 105, Principles of Chemistry I (3) or equivalent  
 Math 125, Calculus I (4)  
 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)<sup>b</sup>  
 GEOL 119, Geology Laboratory (1)  
 PHYS 115, Introductory Physics I (4)  
 SAGES University Seminar (3)  
 Elective (3)

**JUNIOR**

GEOL 341, Introductory Mineralogy and Petrology (4)<sup>d</sup>  
 Arts & Sciences GER courses (3)  
 Approve elective (3)  
 Elective (3)

**Summer Between Junior and Senior Years**

GEOL 360, Summer Field Camp (6)

**SENIOR**

GEOL 301, Stratigraphy and Sedimentation (3)<sup>c</sup>  
 GEOL 391, Senior Project (2)  
 Approved elective (3)  
 Electives (6)

**Spring Semester**

CHEM 106, Principles of Chemistry II (3) or equivalent  
 CHEM 113, Principles of Chemistry Laboratory (2)  
 MATH 126, Calculus II (4)  
 SAGES University Seminar (3)  
 Arts & Sciences GER course (3)  
 PHED 102, Physical Education Activities (0)

PHYS 116, Introductory Physics II (4)  
 Arts & Sciences GER course (3)  
 Approved Elective (3)  
 Electives (6)

GEOL 210, Historical Geology and Paleontology (3)<sup>c</sup>  
 GEOL 317, Spring Field Course (3)<sup>c</sup>  
 GEOL 344, Igneous and Metamorphic Petrology (4)<sup>c</sup>  
 GEOL 390, Introduction to Geological Research (3)  
 Arts & Sciences GER course (3)

GEOL 315, Structural Geology and Geodynamics (3)<sup>d</sup>  
 GEOL 392, Professional Presentation (2)  
 Arts & Sciences GER courses (3)  
 Electives (6)

<sup>a</sup>Suggested outline only. Program is finalized in consultation with the departmental advisor.

<sup>b</sup>GEOL 101 or 115 may be substituted for GEOL 110

<sup>c</sup>GEOL 210, 301, 305, 317 and 344 are offered even-numbered years.

<sup>d</sup>GEOL 315 and 341 are offered odd-numbered years.

Nominal hours per semester:	Fr. Fall	14
	Fr. Spring	15
	So. Fall	14
	So. Spring	16
	Jr. Fall	13
	Jr. Spring	16
	Summer Camp	6
	Sr. Fall	14
	Sr. Spring	14
	<b>TOTAL</b>	<b>122</b>