

BACHELOR OF SCIENCE DEGREE - MAJOR IN GEOLOGY - DEGREE REQUIREMENTS*(Minor required with this degree)***Geology**

37 Semester hours

ES 1300, 1100	General Geology; Laboratory
ES 1373	Environmental Geology
ES 3411, 3412	Mineralogy; Petrology
ES 3425, 3426	Structural Geology; Geomorphology
ES 3433, 3434	Paleontology; Stratigraphy and Earth Science
ES 3601	Summer Field Course

Science and Mathematics

Chemistry 1401, 1402	General Chemistry I & II	8
Biology 1301, 1302	General Biology I & II	6
Physics 1401, 1402	General Physics I & II	8
Math 1411	College Algebra and Trigonometry	4
Math 2412, 2413	Univariate Calculus I and II	8
Information Technology Proficiency (CS 1101, 1102, 1103)		3

Language, Literature, and Communication

English 1311, 3300 + 6 hours	Sophomore Literature	12
Foreign Language*		6
Speech 1321, 1341, 2333, or 3391		3

Fine Arts FA 1101, 1102, 1103 plus 3 hours from Art, Drama, or Music

6

Social Sciences 15 hours from the following courses with no more than 6 hours from one department:

15

Business Administration: BA 1310, HR 3325	Political Science 1311, 1312 or 1314
Criminal Justice: CJ 2300, 3300	Psychology: PS 1301, 3386
Economics: EC 2301, 2303	Sociology: SC 1311, 3321
History: HS 1301, 1302, 1303, 1351, 1352, 3312	

Synoptic Studies

Philosophy 1310, 2332 + 3 advanced hours	9
Theology 2301 + 3 hours from: TH 3301, 3302, 3303, 3330, 3332, 3334, 3350, 3356, 3380, 3382	6

Minor. *(Math, mixed sciences, or Environmental Studies.*

3

Total hours:**134****BACHELOR OF ARTS DEGREE - MAJOR IN GEOLOGY - DEGREE REQUIREMENTS (Minor not required with this degree)****Geology**

31

ES 1300, 1100	General Geology; Laboratory
ES 1373	Environmental Geology
ES 3411, 3412	Mineralogy; Petrology
ES 3425, 3426	Structural Geology; Geomorphology
ES 3433, 3434	Paleontology; Stratigraphy and Earth Science

Science and Mathematics

Chemistry 1401, 1402	General Chemistry I & II	8
Biology 1301, 1302	General Biology I & II	6
Physics 1401, 1402	General Physics I & II	8
Math 1411, 2412	College Algebra and Trigonometry; Univariate Calculus I	8
Information Technology Proficiency (CS 1101, 1102, 1103)		3

Language, Literature, and Communication

English 1311, 3300 + 6 hours	Sophomore Literature	12
Foreign Language*		6
Speech 1321, 1341, 2333, or 3391		3

Fine Arts FA 1101, 1102, 1103 + 3 hours from: Art, Drama or Music

6

Social Sciences - 15 hours from the following courses with no more than 6 hours from one department:

15

Business Administration: BA 1310, HR 3325	Political Science: PO 1311, 1312, 1314
Criminal Justice: CJ 2300, 3300	Psychology: PS 1301, 3386
Economics: EC 2301, 2303	Sociology: SC 1311, 3321
History: HS 1301, 1302, 1303, 1351, 1352, 3312	

Synoptic Studies

Philosophy 1310, 2332 + 3 advanced hours	9
Theology 2301 + 3 hours from: TH 3301, 3302, 3303, 3330, 3332, 3334, 3350, 3356, 3380, 3382	6

Electives

9

Total hours:**130**

**6 hours of Second Year level (2311, 2312) in a language in which the student has prior knowledge or training meaning he/she speaks the language or took it in high school. Or 6 hours of Introductory level (1311, 1312) in which he/she has no prior training or knowledge. Or, 12 hours of CLEP credit.*

Philosophy, Math and Theology courses cannot be transferred after matriculating at St. Mary's University.

GEOLOGY MINOR - 19 hours: Required: ES 1100, 1300, 1373 plus 12 hours in advanced Earth Sciences with labs.