

Geology Major

B.S. in Geology – Curriculum Map 2016-2017 Catalog

Freshman			
Fall	Cr.	Spring	Cr.
CH 103 General Chemistry I	4	CH 104 General Chemistry II	4
GL 110 Introduction to Geology (General Education Lab Science)	4	EN 102 Composition and Literature II	3
EN 101 Composition and Literature I	3	GL 156 Introduction to Earth Evolution (General Education Lab Science)	4
MA 107 Precalculus Mathematics (General Education Math)	4	MA 108 Applied Calculus (General Education Math)	4
Semester Total Credits	15	Semester Total Credits	15
Sophomore			
Fall	Cr.	Spring	Cr.
EN 201 World Literature I (General Education Literature)	3	EN 202 World Literature II	3
General Education Social Science	3	General Education Arts & Humanities	3
GL 200 level Elective ¹	4	GL 200 level Elective ¹	4
GL 251 Sophomore Seminar in Geology	1	PS 202 General Physics II	4
PS 201 General Physics I	4	Free Elective	3-4
Free Elective	3-4		
Semester Total Credits	18-19	Semester Total Credits	17-18
Junior			
Fall	Cr.	Spring	Cr.
General Education History	3	General Education Ethics ³	3
GL 200 level Elective ¹	4	GL 200 level Elective ¹	4
MA 232 Elementary Statistics	3	GL 340 Project Development in Geology	1
Tech Elective ²		Tech Elective ²	3-4
Free Elective	3-4	Free Elective	3-4
		Free Elective	3-4
Semester Total Credits	13-14	Semester Total Credits	17-20
Senior			
Fall	Cr.	Spring	Cr.
GL 2XX Elective ¹	4	GL 200 level Elective ¹	4
GL 440 Research Project in Geology (General Education Capstone)	3	GL 451 Geology Seminar (Capstone)	3
Tech Elective ²	3-4	GL 460 Project Completion in Environmental Geology	1
Free Elective	3-4	Tech Elective ²	3-4
Free Elective	3-4	Free Elective	3-4
		Free Elective	3-4
Semester Total Credits	16-19	Semester Total Credits	17-20
Total Credits For This Major: 128-140			

¹ These six electives must include Sedimentation (GL 257), Structural Geology (GL 262), and Mineralogy (GL 263).

² Technical Electives for this degree include Science courses (GL, ES, CH, BI, PS), Mathematics (above MA 103 College Algebra I), Engineering, or Computer Science courses to include CS 140 or any CS 200-level course.

³ PH 323 Environmental Ethics strongly recommended.