



Bachelor of Science in Geological Sciences (#5008)

Geology Concentration

Department of Earth, Environmental, and Atmospheric Sciences
 Ogden College of Science and Engineering
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

Finish in Four Plan (Sample)

FIRST YEAR (Freshman Year)			
GEOL 111 The Earth (Colonnade Sci. w/Lab)	3	GEOL 112 Earth's Past and Future	3
GEOL 113 The Earth Lab (Colonna. Sci. w/Lab)	1	GEOL 114 Earth's Past and Future Lab	1
ENG 100 Writing (Colonnade College Comp)	3	ENG 200 Literature (Colonnade Literature)	3
COMM 145 (Colonnade Human Communicat.)	3	CHEM 120 & 121 College Chemistry w/Lab	5
HIST 101 or 102 (Colonnade World History)	3	Geology Concentration Elective-1 (GEOL 250)	3
GEOG 175 University Experience	2		
Semester Credit Hours	15	Semester Credit Hours	15

SECOND YEAR (Sophomore Year)			
GEOL 330 Mineralogy	4	GEOL 350 Petrology	4
GEOL 380 Field Techniques	3	GEOL 360 Sedimentology and Stratigraphy	4
MATH 136 Calculus I (Colonnade Qnt. Reason.)	4	MATH 137 Calculus II	4
Arts & Humanities (Colonnade Explorations)	3	Social & Cultural (Colonnade Connections)	3
Social & Behavioral (Colonnade Explorations)	3		
Semester Credit Hours	17	Semester Credit Hours	15

THIRD YEAR (Junior Year)			
PHYS 231 & 232 Physics & Biophysics I w/Lab	4	GEOL 408 Structural Geology	4
GISC 316 Fundamentals of GIS	4	Geology Concentration Elective-3	3
Systems (Colonnade Connect.) (GEOL 301/315)	3	GEOG 300 Writing (Colonnade Writing in discip)	3
Geology Concentration Elective-2	3	Local to Global (Colonnade Connections)	3
		Geology Concentration Elective-4 (GEOL 399)	3
Semester Credit Hours	14	Semester Credit Hours	16

FOURTH YEAR (Senior Year)			
GEOL 499 Professional Preparation	2	Geology Concentration Elective-7	3
Geology Concentration Elective-5	3	GEOL 399 Independent Research (optional)	2
Geology Concentration Elective-6	3	University Elective	3
University Elective	3	University Elective	3
University Elective	3	University Elective	3
Semester Credit Hours	14	Semester Credit Hours	14
		Total Credit Hours:	120