



Bachelor of Science in Geological Sciences (#5008)

Environmental Earth Science (EES) 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
MATH 115 Applied College Algebra (or higher)	3	CHEM 105 & 106 General Chemistry w/Lab	4
HIST 101 or 102 (Colonnade World History)	3	GEOL 250 Environmental Geology	3
GEOG 175 University Experience	2		
Semester Credit Hours	15	Semester Credit Hours	14

SECOND YEAR (Sophomore Year)			
GEOL 330 Mineralogy	4	GEOL 350 Petrology	4
GEOL 310 Hydrology	3	GEOL 360 Sedimentology and Stratigraphy	4
Arts & Humanities (Colonnade Explorations)	3	MATH 186 Statistics (Colonnade Qnt. Reason.)	3
COMM 145 (Colonnade Human Communicat.)	3	Social & Behavioral (Colonnade Explorations)	3
BIOL 207 & 208 General Microbiology w/Lab	4		
Semester Credit Hours	17	Semester Credit Hours	14

THIRD YEAR (Junior Year)			
GEOL 420 Geomorphology	3	GEOL 408 Structural Geology	4
EES Choice-1: Geol 301/311/315/440/445/465	3	GEOL 415 Applied Environmental Geology	3
Systems (Colonnade Connect.) (GEOL 301/315)	3	Social & Cultural (Colonnade Connections)	3
GISC 316 Fundamentals of GIS	4	GEOG 300 Writing (Colonnade Writing in discip)	3
Local to Global (Colonnade Connections)	3	EES Elective-1 (GEOL 399)	1
Semester Credit Hours	16	Semester Credit Hours	14

FOURTH YEAR (Senior Year)			
GEOL 499 Prof Prep	2	GEOL 399 Independent Research (optional)	3
EES Choice-2: Geol 301/311/315/440/445/465	3	University Elective	3
EES Elective-2	3	University Elective	3
University Elective	3	University Elective	3
University Elective	3	University Elective	3
GEOL 399 Independent Research (optional)	1		
Semester Credit Hours	15	Semester Credit Hours	15
		Total Credit Hours:	120