



BACHELOR of SCIENCE in GEOLOGY (#577)

Department of Geography and Geology
 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.

Success Markers

SAMPLE - 4 year plan

FIRST YEAR	Fall Semester		Spring Semester	
	<p><i>Visit The Learning Center for free tutoring</i></p> <p><i>Students whose initial math class is lower than MATH 116 may need additional semesters</i></p>	GEOL 111/113 – The Earth (with Lab)	4	GEOL 112/114 – Earth History (with a Lab)
HIST 119 – Western Civ. To 1648 OR HIST 120 – Western Civ Since 1648		3	GEOG 110 – World Regional Geography	3
MATH 116 – College Algebra		3	MATH 183 – Introductory Statistics	3
ENG 100 – College Writing		3	General Education Course B	3
GEOG 175 – University Experience		2	General Education Course A-II	3
PE 101		1	SFTY 171 – Safety and First Aid	1
TOTAL CREDIT HOURS		16	TOTAL CREDIT HOURS	17

SECOND YEAR	Fall Semester		Spring Semester	
	<p><i>Volunteer or Join a Student Organization like Green Toppers</i></p>	GEOL 270 – Analytical Techniques in Geology	3	General Education Course B
General Education Course A-III		3	GEOG 391 – Data Analysis and Interpretation	3
General Education Course C		3	PHYS 180/181 – Introductory Modern Physics	4
CHEM 120/121 – College Chemistry I (with a Lab)		5	MATH 136 - Calculus	4
ENG 200 – Introduction to Literature		3	General Education Course C	3
TOTAL CREDIT HOURS		17	TOTAL CREDIT HOURS	17

WINTER TERM	Winter Term	
	<p><i>Why not Study Abroad?</i></p>	
TOTAL CREDIT HOURS		

THIRD YEAR	Fall Semester		Spring Semester	
	<i>Visit Career Services</i> <i>Talk to your advisor about the summer research opportunities.</i> <i>Internships and/or Study Abroad opportunities are also available.</i>	GEOG 316 – Fundamentals of Geographic Information Systems	4	GEOL 350 (Spring Only) - Petrology
GEOL 308 (Fall Only) – Structural Geology		4	GEOL 380 (Spring Only) – Introductory Field Techniques	3
GEOL 330 (Fall Only) – Mineralogy		4	GEOG 317 – Geographic Information Systems	4
BIOL 122/123 – Evolution, Diversity, and Ecology		4	ENG 300 – Writing in the Disciplines	3
			GEOL OR GEOL 310 – Global Hydrology	3
TOTAL CREDIT HOURS		16	TOTAL CREDIT HOURS	17

FOURTH YEAR	Fall Semester		Spring Semester	
	<i>Apply for Graduation</i> <i>Either a 6-hour summer field camp or the GIS Certificate are required to complete the major</i>	GEOL 415 – Environmental Geology	3	GEOL 485 – Geology of Fossil Fuels
Geology Elective (UD)		3	GEOL 499 – Professional Preparation in Geology (Spring Only)	2
Geology Elective (UD)		3	Geology Elective (UD)	3
GEOL 460 – Sedimentology and Stratigraphy		3	Geology Elective (UD)	3
GEOG 417 – GIS Analysis and Moedling OR Field Camp		3	GEOG 419 – GIS Programming OR Field Camp	3
TOTAL CREDIT HOURS		15	TOTAL CREDIT HOURS	14

Total Credit Hours: 129

A minimum of 120 Hours total are required in the program, with at least 42 hours at the 300/400 level. Summer courses, including Study Abroad, Field Camps, and other independent research opportunities, can reduce the number of hours required in the regular semesters. Required and elective courses can be moved from semester to semester to take advantage of courses when offered.

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.
Consult your advisor each semester.

For more Information:

Department: Geography and Geology

Website: www.wku.edu/geoweb

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Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>