



BACHELOR of SCIENCE in GEOGRAPHY (#674)
CONCENTRATION in KARST GEOSCIENCES
 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	
	<i>Visit The Learning Center for free tutoring</i> <i>Students whose initial math class is lower than MATH 116 may need additional semesters</i>	GEOG 100 – Introduction to the Physical Environment OR GEOL 102 – Introduction to Geology OR GEOL 111 – The Earth	3	General Education Course C
HIST 199 – Western Civ. To 1648 OR HIST 120 – Western Civ Since 1648		3	GEOG 110 – World Regional Geography	3
MATH 116 – College Algebra		3	GEOG 280 – Introduction to Environmental Science	3
ENG 100 – College Writing		3	MATH 117 - Trigonometry	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		15	TOTAL CREDIT HOURS	16

SECOND YEAR	Fall Semester		Spring Semester	
	<i>A minor is required with this major.</i> <i>Volunteer or Join a Student Organization like Green Toppers</i>	GEOG 300 – Geographic Research and Analysis	3	ENG 200 – Introduction to Literature
General Education Course A-III		3	GEOG 316 – Fundamentals of Geographic Information Systems	4
General Education Course C		3	MATH 183 – Introductory Statistics	3
General Education Course B		3	General Education Course B	3
CHEM 120/121 – College Chemistry (with a Lab)		5	Minor Course	2
TOTAL CREDIT HOURS		17	TOTAL CREDIT HOURS	15

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

THIRD YEAR <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>	Fall Semester		Spring Semester	
	GEOG 391 – Data Analysis and Interpretation	3	GEOG 317 – Geographic Information Systems	4
	GEOG 310 – Global Hydrology OR GEOG 459 – Physical Hydrology	3	GEOG 461 (Spring Only) – Karst Environments	3
	MATH 136 - Calculus	3	Minor Elective	3
	ENG 300 – Writing in the Discipline	3	PHYS 201 – College Physics OR BIOL 120 – Cells, Metabolism, and Genetics	4
	Minor Elective	3		
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	14

FOURTH YEAR <i>Apply for Graduation</i> <i>Celebrate</i>	Fall Semester		Spring Semester	
	GEOG 420 - Geomorphology OR GEOG 475 - Selected Topics in Geography	4	GIS Elective	3
	GEOG 417- GIS Analysis and Modeling OR GEOG 419 – GIS Programming	3	University Elective	3
	Minor Elective (UD)	3	GEOG 499 – Professional Preparation in Geology (Spring Only)	1
	Minor Elective (UD)	3	Minor Elective	4
			Minor Elective	3
	TOTAL CREDIT HOURS	13	TOTAL CREDIT HOURS	14

Total Credit Hours: 120

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

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Phone: 270-745-4555

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