



**BACHELOR of Science(#675)**  
**Major in Geography: Karst Geoscience and Water Resources**  
 Department of Geography and Geology  
 Ogden College of Science and Engineering  
 Western Kentucky University

The following four-year plan is an example of how to map your program in consultation with your faculty advisor. 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	
	GEOG 110 World Regional Geography (E-SB)	3	METR 121 Meteorology (E-NS, SL)	3
	ENG 100 Intro to College Writing (F-W1)	3	GEOG 280 Environmental Science & Sustainability	4
	MATH 116 College Algebra (F-QR)	3	GEOG 103 Earth (E-NS)	3
	HIST 101 World History I or HIST 102 World History I (F-SB)	3	COMM 145 Intro to Public Speaking & Communication (F-OC)	3
	GEOG 175	2	World Language, if needed, or General Elective	3
	<b>TOTAL CREDIT HOURS</b>	<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>

SECOND YEAR	Fall Semester		Spring Semester	
	Arts & Humanities (E-AH)	3	GEOG 391 Spatial Data Analysis	4
	MATH 183 Statistics	3	CHEM 120/121 College Chemistry and Lab	5
	PHYS 201 College Physics I OR BIOL 120 Biological Concepts: Cells, Metabolism, Genetics	4	ENG 200 Intro to Literature (F-AH)	3
	GEOG 300 Writing in the Geosciences (F-W2)	3	GEOG 316 Foundations of GIS	4
	GEOG 310 Global Hydrology	3		
	<b>TOTAL CREDIT HOURS</b>	<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>

**World Language Proficiency:** All students entering in Fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to [www.wku.edu/modernlanguages/placement/](http://www.wku.edu/modernlanguages/placement/).

<b>THIRD YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
	General Elective	3	GEOG 461 Karst Environments	3
	MATH 136 Calculus I	4	Geography Elective	3
	Connections-Social & Cultural (K-SC)	3	GEOG 495 Research or Practicum	3
	GEOG 317 Geographic Information Systems	4	Geography Elective	3
	Geography Elective	2	Connections – Systems (K-SY)	3
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

<b>FOURTH YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
	Geography Elective	3	GIS 419 GIS Programming OR Other General Technical Course	3
	General Elective	3	GEOG 499 Professional Development	1
	Connections Local to Global (K-LG)	3	Geography Elective	3
	GEOG 417 GIS Analysis and Modeling OR Other General Technical	3	General Elective	3
	University Elective	3	GEOG 495 Research or Practicum	2
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>12</b>

**Total Credit Hours:120**

- 120 Hours total are required in the program, with 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.
  - Colonnade courses required in the major can be double-counted – check with your advisor.
  - Colonnade Connections courses are restricted to Juniors/Seniors, unless 21 credit hours of Colonnade Explorations and Foundations courses have already been completed sooner.
- Beginning in Fall 2014, all entering students must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours (that means in the first two years at WKU for most full-time students).

**FOR ADDITIONAL INFORMATION, PLEASE CONTACT:**

**For more Information:** Department: **Geography and Geology**  
 Website: [www.wku.edu/geoweb](http://www.wku.edu/geoweb)  
 Phone: (270) 745-4555  
 Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>