

*Welcome to the Geography and Geology Department at Western Kentucky University  
Geography and Environmental Studies Professional B.S. (#675 - GRCS)*

Semester-by-Semester Checklist for **Climate Systems** - Effective Fall 2017

Course	Credits	Semester	Course	Credit	Semester
<b>FRESHMAN YEAR</b>			<b>FRESHMAN YEAR</b>		
GEOL/G 103 Earth NS	3		GEOG 110 S&B Fndtns	3	
ENG 100 Writing	3		MATH 183 Statistics	3	
MATH 116 Algebra (Colonnade MATH)	3		METR 121 Met Sci Lab	3	
HIST 101 or 102 (Colonnade History)	3		COMM 145 (Colonnade Comms)	3	
GEOG 175 Freshman	2		ENG 200 Literature	3	
<b>HOURS</b>	<b>14</b>			<b>15</b>	
<b>SOPHOMORE YEAR</b>			<b>SOPHOMORE YEAR</b>		
Connections Local- Global	3		GEOG 300 Writing (Colonnade Writing)	3	
GISC 316 GIS Intro	4		GISC 317 GIS II	4	
Language Colonnade	3		METR 322 Global Climte	4	
Colonnade Arts Human	3		Connections S&B	3	
University Elective	3				
<b>HOURS</b>	<b>16</b>			<b>14</b>	
<b>JUNIOR YEAR</b>			<b>JUNIOR YEAR</b>		
GEOG 391 Spatial Stats	4		METR Major Elective	3	
GEOG 455 Clim Chnge	3		GEOG Major Elective	3	
Connections Systems	3		GEOG 495 Field Resrch	4	
GEOG Major Elective	3		GEOG Major Elective	3	
GEOG Elective	3		University Elective	3	
<b>HOURS</b>	<b>16</b>		<b>HOURS</b>	<b>16</b>	
<b>SENIOR YEAR</b>			<b>SENIOR YEAR</b>		
Field Studies/Intern	4		GEOG Major Elective	3	
GEOG Major Elective	3		Independent Research	3	
University Elective	3		University Elective	3	
Independent Research	3		University Elective	3	
GEOG 499 Prof Prep	1		GEOG/WKU Elective	3	
<b>HOURS</b>	<b>14</b>		<b>HOURS</b>	<b>15</b>	

- 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.
- Any of the courses can be moved from semester to semester to take advantage of courses when offered.
- The WKU Colonnade Program requires a minimum of 39 hours, with several required courses in the Geography program that can be double-counted. GEOG courses marked \* count for Colonnade Credit.
- Colonnade Connections courses are restricted to Juniors/Seniors, unless 21 credit hours of Colonnade Explorations and Foundations courses have already been completed. Three disciplines are required for Connections credit (METR, GEOG, GEOL, and GISC count as separate disciplines).

REQUIRED IN THE MAJOR (52 hours): **CORE COURSES** = GEOG/L 103 (OR GEOL 111)\*, 110\*, 300\*, 316, 317, 391, 452\* or 475 or 495, 499 (26 hours); **CONCENTRATION COURSES** = METR 121\*, 322\*, GEOG 455; **ELECTIVES** = any 16 hours of approved METR or GEOG or equivalent coursework; **PLUS** MATH 116\*, MATH 183\*.