



BACHELOR of SCIENCE in ENVIRONMENTAL, SUSTAINABILITY, AND GEOGRAPHIC STUDIES (ESGS # 5009)

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. This program is designed to be customizable to your specific area of interest within the discipline.

SAMPLE – Finish in Four Plan

FIRST YEAR (Freshman Year)			
GEOG/L 103 or GEOL 111 or METR 121*	3	GEOG 110 S&B Foundations*	3
ENG 100 Writing*	3	MATH 183 Statistics*	3
MATH 116 Algebra (Colonnade MATH)*	3	GEOG 210 Environmental Policy*	3
HIST 101 or 102 (Colonnade History)*	3	COMM 145 (Colonnade Comms)*	3
GEOG 175 Introduction to the Geosciences	2	GEOG 280 Environment and Sustainability (Lab)*	4
SEMESTER CREDIT HOURS	14	SEMESTER CREDIT HOURS	16

SECOND YEAR (Sophomore Year)			
Connections Local-Global*	3	GEOG 300 Writing (Colonnade Writing)*	3
GISC 316 GIS Introduction	4	GISC 317 GIS II	4
Language Colonnade*	3	Connections S&B*	3
Colonnade Arts & Humanities*	3	GEOG 380 Global Sustainability* or GEOG 480 Sustainable Cities	3
GEOG Major Elective	3		
SEMESTER CREDIT HOURS	16	SEMESTER CREDIT HOURS	13

THIRD YEAR (Junior Year)			
GEOG 391 Spatial Stats	4	GEOG Major Elective	3
ENG 200 Literature*	3	University Elective	3
Connections Systems*	3	GEOG 452/475/495 - Study Abroad or Research	4
GEOG Major Elective	3	University Elective	3
University Elective	3	GEOG Major Elective	3
SEMESTER CREDIT HOURS	16	SEMESTER CREDIT HOURS	16

FOURTH YEAR (Senior Year)			
Field Studies/Intern	4	GEOG Major Elective	3
GEOG Major Elective	3	Independent Research	3
University Elective	3	GEOG Major Elective	3
Independent Research	3	University Elective	3
GEOG 499 Prof Preparation	1	GEOG or University Elective	3
SEMESTER CREDIT HOURS	14	SEMESTER CREDIT HOURS	15
		Total Credit Hours:	120

- 120 Hours total are required in the program, with 42 hours at the 300/400level.
- 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 ESGS program that can be double-counted. 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 (53 hours): CORE COURSES = GEOG/L 103* or GEOL 111* or METR 121*, GEOG 110*, GEOG 280*, GEOG 380* or GEOG 480, GEOG 300*, GISC 316, GISC 317, GEOG 391, GEOG 452* or 475 or 495, GEOG 499 (32 hours); ELECTIVES = any 21 hours of approved GEOG/GEOL/GISC/METR or equivalent coursework in the program specialty area; PLUS MATH 116* and MATH 183*

For more details and courses offered in the Colonnade General Education program visit the website (<https://www.wku.edu/colonnade/>).