The 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 customizible to your specific area of interest within the discipline. Effective Fall 2020.

**Required Courses:**

*Foundational Courses:*
- GEOG/GEOL 103 Dynamic Earth OR GEOL 111 The Earth OR METR 121 Introduction to Meteorology (with lab)*
- GEOG 110 World Regional Geography*
- GEOG 280 Introduction to Environmental Science and Sustainability (with Lab)*

*Sustainability Course:*
- GEOG 380 Global Sustainability* OR GEOG 480 Sustainable Cities

*Technical Courses:*
- GISC 316 Fundamentals of GIS (with Lab)
- GISC 317 Geographic Information Systems (with Lab)
- GEOG 300 Writing in the Geosciences*
- GEOG 391 Spatial Data Analysis (with Lab)

*Professional Preparation:*
- GEOG 452 Study Abroad OR GEOG 475 Special Course OR GEOG 495 Research/Internship
- GEOG 499 Professional Preparation

*Elective Courses:*
Coursework selected from any GEOG, GISC, METR, or GEOL 200-400 level course with advisor approval. Up to six hours may be taken outside of the geoscience discipline with advisor approval.

**PROGRAM TOTAL HOURS:** 53

- 120 Hours total are required for the WKU degree, 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 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).

REQURED 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/).