Degree Core Requirements (21 credits)

- GEOG 1004 Introduction to Human Geography (3)
- GEOG 1014 Introduction World Regions (3)
- GEOG 1084 (FREC 1004) Digital Planet (3)
- GEOG 1104 Introduction to Physical Geography (3)
- GEOG 2084 Principles of GIS (3)
- GEOG 2314 Maps and Mapping (3)
- GEOG Field Experience (3) (must be relevant to major and approved by the Department) Choose one:
  - XXXX 3954 Study Abroad
  - GEOG 4964 Field Study (Internship or Service)
  - GEOG 4994 Undergraduate Research

Major Requirements (21 credits)

- GEOG 3314 Cartography (3)

Choose 18 credits from courses below: at least 12/18 credits must be 3000-4000 level:

- GEOG 1115 (NR 1115) Seeking Sustainability (3)
- GEOG 1116 (NR 1116) Seeking Sustainability* (3)
- GEOG 1514 Introduction to Meteorology (3)
- GEOG 1524 Introduction to Earth's Climate (3)
- GEOG 2034 Geography of Global Conflict (3)
- GEOG 2054 Introduction to World Politics (3)
- GEOG 2064 (PSCI 2064) (IS 2064) Global Econ and World Politics (3)
- GEOG 2114 Introduction to Coastal Regions (3)
- GEOG 2214 Geography of North America (3)
- GEOG 2244 Sustainable Urbanization (3)
- GEOG 2505 Weather Analysis I (3)
- GEOG 2784 Geography of Tea (3)
- GEOG 3034 CIA in Today’s Geopolitical World (3)
- GEOG 3104 Environ Problems, Pop, & Dev (3)
- GEOG 3224 Geography of Appalachia (3)
- GEOG 3234 Geography of Virginia (3)
- GEOG 3244 The U.S. City (3)
- GEOG 3254 Geography of East Asia (3)

Cognate Elective: 3 credit hours required
Choose ONE course below:

- FREC 2114 Ecology of Appalachian Forests (3)
- FREC 2124 Forests, Society, & Climate (3)
- FREC 2134 (HORT 2134) Plants & Greenspaces Urban Corn (3)
- FREC 2554 (NR 2554) (LAR 2554) Leading Global Sustainability (3)
- FREC 3004 Environmental Informatics (3)
- FREC 4174 (PSCI 4174) (IS 4174) Climate Chng & Intl Policy (3)
- GEO 1034 Earth’s Natural Hazards (3)
- GEO 3014 Environmental Geosciences* (3)
- GEO 3034 Oceanography (3)
- SBIO 2784 (FREC 2784) Global Forest Sus (3)
- SBIO 3004 Sust Nature-Based Enterprises (3)
- SBIO 3324 Green Building Systems (3)
- SOC 1014 Intro Social Anthropology (3)
- SOC 2604 (HIST 2604) (STS 2604) Intro Data in Social Context (3)
- SOC 3204 Social Research Methods* (3)
- STAT 3616 Biological Statistics* (3)

*NOTE: Some of the listed courses have prerequisites and enrollment restrictions. Some courses must be taken in sequence to satisfy prerequisites. Be sure to consult with the University Catalog, Timetable of Classes, or check with your advisor.
Pathways to General Education Requirements (47 credits)

Concept 1f: Foundational Discourse (6 cr)
   _____ ENGL 1105 or COMM 1015
   _____ ENGL 1106* or COMM 1016*

Concept 2: Critical Thinking in the Humanities (6 cr)
   _____ Concept 2 course ________________________

Concept 3: Reasoning in the Social Sciences (6 cr) (GEOG majors may not use GEOG 1004 or GEOG 1014 in this area)
   _____ Concept 3 course ________________________

Concept 4: Reasoning in the Natural Sciences (8 cr)
   _____ 3 credit hours of lecture ____________ 1 credit of lab __________________
   _____ 3 credit hours of lecture ____________ 1 credit of lab __________________

Concept 5f: Foundational Quantitative and Computational Thinking (6 cr) (GEOG majors may not use GEOG 1084 in this area)
   Recommended sequences are: (Math 1014 and 1025*) OR (Math 1535 and 1536*) OR (Math 1014 and CS 1014).
   Other acceptable sequences include: (Math 1525 and 1526*) OR (Math 1225 and 1226*) OR (Math 1025 and 1026*).

Concept 5a: Advance/Applied Quantitative and Computational Thinking (3 cr)
   _____ STAT 3604 Statistics for Social Science* OR STAT 3615 Biological Statistics*

Concept 6: Critique and Practice in Design (d) and the Arts (a) (6 cr)
   _____ Concept 6d course GEOG 3314: Cartography* (3 credits) _____ Concept 6a course ________________________

Concept 7: Critical Analysis of Identity and Equity in the US (3 cr)
   _____ Concept 7 course ________________________
   * A course that satisfies another Pathways area and is also listed as Concept 7 will satisfy the Concept 7 requirement simultaneously.

Free Electives: 28-31 Credits (additional credit hours to total 120).

GEOGRAPHY NOTES
1. Satisfactory Progress: By the end of the semester in which the student has attempted 60 hours (including transfer, advanced placement, advanced standing, and credit by examination), "satisfactory progress" towards a B.A. or B.S. degree in the College of Natural Resources and Environment will include the following minimum criteria: having an In-major and overall grade point average of at least 2.0 and passing at least 24 semester credits that apply to the Pathways to General Education.

2. In-major GPA Computation: Includes all courses designated as GEOG, an In-major and overall GPA average of 2.0 is required for graduation.

3. Foreign Language Requirement: A sequence of two (2) foreign language courses is required for graduation unless two (2) high school units of the same foreign language or six (6) transfer credit hours of foreign language have been earned. These credits do not count toward graduation. See catalog section on "Graduation Requirements".

4. Meteorology Double Major: Geography students planning to double major in Meteorology must complete 15 additional credits: at least 12 hours of GEOG coursework that is not being used to complete either major; and two distinct (3 credits each) field experiences that apply to each major.

5. Pathways to General Education: Courses used to satisfy Pathways requirements cannot be double counted to also satisfy degree core requirements. However, Pathways courses may be double counted to satisfy other program area credit hour requirements.

*NOTE: Some of the listed courses have prerequisites and enrollment restrictions. Some courses must be taken in sequence to satisfy prerequisites. Be sure to consult with the University Catalog, Timetable of Classes, or check with your advisor.