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 and College)

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 (NR) 1115 Seeking Sustainability (3)
_____ GEOG (NR) 1116 Seeking Sustainability* (3)
_____ GEOG 1514 Introduction to Meteorology (3)
_____ GEOG 1524 Introduction to Earth’s Climate (3)
_____ GEOG (NR) 2004 Water, Environment, and Society (3)
_____ GEOG 2014 Health & Place: Health Geog (3)
_____ GEOG 2034 Geography of Global Conflict (3)
_____ GEOG 2054 Introduction to World Politics (3)
_____ GEOG (PSCI/IS) 2064 Global Econ and World Politics (3)
_____ GEOG 2104 Intro to Environmental Security (3)
_____ GEOG 2114 Introduction to Coastal Regions (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)

Continued...

_____ GEOG 3254 Geography of East Asia (3)
_____ GEOG 3274 Polar Environments (3)
_____ GEOG 3304 Geomorphology* (3)
_____ GEOG 3404 Mountain Geography* (3)
_____ GEOG (AHRM/APS/HD/HUM/SOC/UAP) 3464 Appalachian Communities (3)
_____ GEOG 4044 Biogeography* (3)
_____ GEOG 4054 Geography of Wine (3)
_____ GEOG 4074 Medical Geography (3)
_____ GEOG 4084 Modeling in GIS* (3)
_____ GEOG 4134 Issues & Ethics Water Resources (3)
_____ GEOG 4204 Geography of Resources (3)
_____ GEOG 4214 Gender, Env, & Intl Development (3)
_____ GEOG 4224 Tracking Environmental Change (3)
_____ GEOG 4354 Introduction to Remote Sensing (3)
_____ GEOG 4414 Climate Change & Societal Impacts (3)
_____ GEOG 4764 Intl Develop Policy & Planning (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 (HORT) 2134 Plants & Greenspaces in Urban Communities (3)
_____ FREC (NR/LAR) 2554 Leading Global Sustainability (3)
_____ FREC 3004 Environmental Informatics (3)
_____ FREC (PSCI/IS) 4174 Climate Chng & Intl Policy (3)
_____ GEOS 1034 Earth’s Natural Hazards (3)
_____ GEOS 3014 Environmental Geosciences* (3)
_____ GEOS 3034 Oceanography (3)
_____ SBIO (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 (HIST/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)

Students must complete one of the:
Recommended sequences: (MATH 1014 and 1025) OR (MATH 1014 and MATH 1535 or 1536) OR (MATH 1014 and CS 1014) OR Other acceptable sequences: (MATH 1025 and 1026*) OR (Math 1225 and 1226*)

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 (3 credits)

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.