

COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT

Department of Geography

Bachelor of Arts (B.A.) in Geography (BAGEO)

Major: Geography

For students entering under UG Catalog 2023-2024

**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...

**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 1a: Advance/Applied Discourse (3 cr)**

\_\_\_\_\_ Concept 1a course \_\_\_\_\_

**Concept 2: Critical Thinking in the Humanities (6 cr)**

\_\_\_\_\_ Concept 2 course \_\_\_\_\_      \_\_\_\_\_ 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 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**

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