

COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT

Department of Geography

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

Major: Geography

For students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021

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 (must be relevant to major and approved by the Department)(3) **Select 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 2004 Water, Environment, and Society (3)
- ____ GEOG 2034 Geography of Global Conflict (3)
- ____ GEOG 2054 Introduction to World Politics (3)
- ____ GEOG 2064 The Global Econ. and World Politics (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)

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- ____ GEOG 3104 Environ Prob, Pop, & Dev (3)
- ____ GEOG 3224 Geography of Appalachia (3)
- ____ GEOG 3234 Geography of Virginia (3)
- ____ GEOG 3244 The U.S. City (3)
- ____ GEOG 3254 The Geography of East Asia (3)
- ____ GEOG 3274 Polar Environments (3)
- ____ GEOG 3304 Geomorphology* (3)
- ____ GEOG 3404 Mountain Geography* (3)
- ____ GEOG 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 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, and Climate (3)
- ____ FREC 2214 Intro to Land and Field Meas (3)
- ____ FREC 2554 Leading Global Sustainability (3)
- ____ FREC 3104 Principles of Watershed Hydro* (3)
- ____ FREC 4374 Forested Wetlands* (3)
- ____ GEOS 1034 Earth's Natural Hazards (3)
- ____ GEOS 3014 Environmental Geosciences* (3)
- ____ GEOS 3034 Oceanography* (3)
- ____ SBIO 2784 (FREC 2784) Global Forest Sus (3)
- ____ SBIO 3324 Green Building Systems (3)
- ____ STAT 3616 Biological Statistics*

***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 _____

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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).

Also 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 taken to satisfy another area of Pathways that is also listed as Pathways Concept 7 will satisfy the Concept 7 requirement simultaneously

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

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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.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.