

Bachelor of Science (BS)
Degree Code 241*
Concentration Code 241C

Program of Study for Geography Majors
GENERAL CONCENTRATION

Student Name: _____

Date _____

I. GENERAL EDUCATION CURRICULUM44

Some general education requirements may be double-counted in the major with departmental approval. Please see your advisor for information

II. PROGRAM CORE REQUIREMENTS.....51

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Program Core Requirements (24 hours)

- GHY 1010 ____ (3) Introduction to Physical Geography
- GHY 1020 ____ (3) World Regional Geography **OR** GHY 1040 ____ (3) Intro to Human Geography
- GHY 2310 ____ (3) Cartographic Design & Analysis
- GHY/PLN 2812 ____ (3) Geospatial Data & Technology
- GHY 3000 ____ (3) Communicating Geographic Information **[WID]** (Pre: RC 2001; Jr standing)
- GHY/PLN 3800 ____ (3) Introduction to Quantitative Methods
- GHY/PLN 4830 ____ (3) Senior Seminar **[CAP]**
- PLN 2410 ____ (3) Town, City, & Regional Planning

B. Elective Course Requirements (12 hours) Choose one course from each of these four areas:

1. GEOGRAPHIC METHODS (3 hours)

- GHY 3310 ____ (3) Environmental Remote Sensing
- GHY 3812 ____ (3) Introduction to GIS (Pre: GHY 2310, 2812; Sr standing)
- GHY 4810 ____ (3) Digital Image Proc (Pre: GHY 2812, 3310; Sr standing)
- GHY 4812 ____ (3) Advanced GIS (Pre: GHY 3812; Sr standing)
- GHY 4814 ____ (3) Principles of GeoComputation (Pre: GHY 3812; Sr stg)

3. HUMAN GEOGRAPHY (3 hours)

- GHY 3210 ____ (3) Economic Geography (Pre: 1 intro GHY/ECO course)
- GHY 4200 ____ (3) Urban Geography
- GHY 4230 ____ (3) Political Geography
- GHY/PLN 4240 ____ (3) Transportation Geography & Planning

2. PHYSICAL GEOGRAPHY (3 hours)

- GHY 3100 ____ (3) Weather & Climate (Pre: GHY 1010)
- GHY 3110 ____ (3) Vegetation, Soils, & Landforms (Pre: GHY 1010)
- GHY 3130 ____ (3) Geography of Biodiversity
- GHY 3320 ____ (3) Environmental Issues in Appalachia
- GHY 4620 ____ (3) Synoptic & Regional Climatology (Pre: GHY 3100; sr stg)
- GHY 4820 ____ (3) Geographical Hydrology (Pre: GHY 3100, 3110; Sr stg)

4. REGIONAL GEOGRAPHY (3 hours)

- GHY 3011 ____ (3) Europe & the Russian Realm
- GHY 3012 ____ (3) US and Canada
- GHY 3013 ____ (3) North Carolina
- GHY 3014 ____ (3) Geography of Latin America
- GHY 3015 ____ (3) Geography of Asia
- GHY 3016 ____ (3) Geography of the American South

C. Geographic Electives (15 hours at 3000 or 4000 level; maximum of 6 s.h. of 3000/4000 planning courses may be applied)

Authorized substitutions or waivers:

III. GENERAL CONCENTRATION15

A. Approved Ancillary Courses (15 hours minimum)

IV. MINOR (optional)

V. DEPARTMENTAL GRADUATION CHECK

(Student will receive a senior check from the Dean's Office via email)

Advisor: _____ Date: _____ Chair: _____ Date: _____

Sent to Dean's Office Date: _____

VI. ELECTIVES (taken to total 122 hours for the degree).....12

2 semester hours of free electives must be outside the major discipline.