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

Program of Study for Geography Majors  
GENERAL CONCENTRATION  

Student Name: ________________________________ Date: ________________

I. GENERAL EDUCATION CURRICULUM  
GHY 1010, 1020, and/or 1040 may be used to meet General Education courses depending upon choices.  

II. PROGRAM CORE REQUIREMENTS  
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 2812  _____(3) Geospatial Data & Technology
- GHY 3000  _____(3) Communicating Geographic Information [WID] (Pre: ENG 2001)
- GHY 3812  _____(3) Introduction to Quantitative Methods
- GHY 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)
- GHY 4810 _____ (3) Digital Image Proc (Pre: GHY 2812, 3310)
- GHY 4812 _____ (3) Advanced GIS (Pre: GHY 3812)
- GHY 4814 _____ (3) Principles of GeoComputation (Pre: GHY 3812)

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)
- GHY 4820 _____ (3) Geographical Hydrology (Pre: GHY 1010, 3100, 3110)

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 4240 _____ (3) Transportation Geography & Planning

4. REGIONAL GEOGRAPHY (3 hours)

- GY 3011 _____ (3) Europe & the Russian Realm
- GY 3012 _____ (3) US and Canada
- GY 3013 _____ (3) North Carolina
- GY 3014 _____ (3) Geography of Latin America
- GY 3015 _____ (3) Geography of Asia

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 CONCENTRATION  

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

Total major requirements (including free electives) - 78; Gen Ed courses that may count in major (depends on choices) – 6; net major 72 hours;