Bachelor of Science (BS)  Program of Study for Geography Majors
Degree Code 241*  GENERAL CONCENTRATION
Concentration Code 241C

I. GENERAL EDUCATION CURRICULUM .................................................................................................................. 44
GHY 1010, 1020, and/or 1040 may be used to meet General Education courses depending upon choices.

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 2812 _____ (3)   Geospatial Data & Technology
GHY 3000 _____ (3)    Communicating Geographic Information [WID] (Pre: ENG 2001)
GHY 3800 _____ (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 3200 _____ (3) Geographic Perspectives on Human Behavior
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)
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

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 ............................................................................................................................... 15

A. Approved Ancillary Courses (15 hours minimum)

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)

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GHY 4230 _____ (3) Political Geography
GHY 4240 _____ (3) Transportation Geography & Planning

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GHY 3012 _____ (3) US and Canada
GHY 3013 _____ (3) North Carolina
GHY 3014 _____ (3) Geography of Latin America
GHY 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:

IV. MINOR (optional)

V. DEPARTMENTAL GRADUATION CHECK
(Student should also have a senior check in the Dean’s Office, 100 I. G. Greer)

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.

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