I. GENERAL EDUCATION CURRICULUM .......................................................................................................................................................... 44

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

II. MAJOR REQUIREMENTS ............................................................................................................................................................................ 66

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 (45 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 and Technology
GHY 3000 _____ (3) Communicating Geographic Information [WID] (Pre: ENG 2001)
GHY 3310 _____ (3) Environmental Remote Sensing
GHY 3800 _____ (3) Introduction to Quantitative Methods
GHY 3812 ____ (3) Introduction to GIS (Pre: GHY 2310, 2812)
GHY 4810 _____ (3) Digital Image Processing (Pre: GHY 2812, 3310)
GHY 4812 _____ (3) Advanced GIS (Pre: GHY 3812)
GHY 4814 _____ (3) Principles of GeoComputation (Pre: GHY 3812)
GHY 4830 _____ (3) Senior Seminar [CAP]
GHY 4900 _____ (6) Internship in Geography & Planning
PLN 2410 _____ (3) Town, City, & Regional Planning

B. Elective Courses: (9 hours) Choose one from each area:

1. PHYSICAL GEOGRAPHY (3 hours)
   
   GGY 3100 _____ (3) Weather & Climate (Pre: GHY 1010)
   GGY 3110 _____ (3) Vegetation, Soils, & Landforms (Pre: GHY 1010)
   GGY 3130 _____ (3) Geography of Biodiversity
   GGY 3200 _____ (3) Environmental Issues in Appalachia
   GGY 4620 _____ (3) Synoptic & Regional Climatology (Pre: GHY 3100)

2. HUMAN GEOGRAPHY (3 hours)

   GGY 3210 _____ (3) Economic Geography (Pre: 1 intro course GGY/ECO)
   GGY 4200 _____ (3) Urban Geography
   GGY 4230 _____ (3) Political Geography
   GGY 4240 _____ (3) Transportation Geography & Planning

3. REGIONAL GEOGRAPHY (3 hours)

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

C. Geography Electives (9 hours at 3000 or 4000 level; a maximum of 6 s.h. of 3000 or 4000 planning courses may be applied)

   __________________________________________
   __________________________________________
   __________________________________________

D. Approved Computer Programming & Application Courses (3 hours) ____________________________________________________________

III. MINOR (optional)

IV. 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: ____________

V. 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 - 66; Gen Ed courses that may count in major (depends on choices) – 6; net major 60 hours;