I. CORE CURRICULUM .................................................................................................................................................. 44
Geography 1010 or 1020 (program prerequisites) will count toward social science requirement.

II. PROGRAM PREREQUISITES....................................................................................................................................... 6
GHY 1010 _____ (3) Introduction to Physical Geography
GHY 1020 _____ (3) World Regional Geography (MC)

III. MAJOR REQUIREMENTS..........................................................................................................................................60-66
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 III. Minimum of 18 semester hours of courses taken to
fulfill major requirements must be courses offered by Appalachian.

A. Program Core Requirements (42 hours above 1999 level) (*prerequisites are required)
1. Required Courses: (18 semester hours)
GHY 2310 _____ (3) Map Interpretation and Map Making (ND, C)
GHY 3310 _____ (3) Environmental Remote Sensing
GHY 4800* _____ (3) Quantitative Methods (ND)
GHY 4830 _____ (3) Senior Seminar (W, S)
PLN 2410 _____ (3) Introduction to Planning (CD)
STT 2810* _____ (3) Intro to Data Analysis & Statistical Inference (ND, C)

B. Elective Courses: (24 semester hours)
1. Geographic Methods (6 hours)
GHY 2812 _____ (3) Microcomputers in Geography and Planning (ND, C)
GHY 3812* _____ (3) Introduction to GIS (ND, C)
GHY 4810* _____ (3) Digital Image Processing (ND, C)
GHY 4812* _____ (3) Advanced GIS (ND, C)

2. Physical Geography (6 hours)
GHY 3100 _____ (3) Weather and Climate
GHY 3110 _____ (3) Vegetation, Soils and Landforms
GHY 3320 _____ (3) Environmental Issues in Appalachia (S)
GHY 4620* _____ (3) Synoptic and Regional Climatology
GHY 4820* _____ (3) Geographical Hydrology

3. Human Geography (6 hours)
GHY 3200 _____ (3) Geographic Persp on Human Behavior
GHY 3210 _____ (3) Economic Geography (W, MC)
GHY 4200 _____ (3) Urban Geography
GHY 4230 _____ (3) Political Geography

4. Regional Geography (6 semester hours)
No more than 3 of 6 semester hours may come from GHY 3012, United States and Canada, OR GHY 3013, North Carolina)
GHY 3011 _____ (3) Europe & the Russian Realm (W, MC)
GHY 3012 _____ (3) U.S. and Canada (W)
GHY 3013 _____ (3) North Carolina
GHY 3014 _____ (3) Geography of Latin America (MC)
GHY 3015 _____ (3) The Geography of Asia (W, MC)

C. Geographic Information Systems Concentration (18-24 semester hours)
1. Required Courses
GHY 4810* _____ (3) Digital Image Processing (ND, C)
GHY 4812* _____ (3) Advanced GIS (ND, C)
GHY 4900 _____ (6-12) Internship in Geography and Planning

2. 6 hours Approved Computer Programming and Application Courses

IV. MINOR (optional)

V. ELECTIVES (taken to total 122 hours for the degree) .............................................................................................................. 9-15
2 semester hours of free electives must be outside the major discipline.