

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)
- OR 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. 122

<u>Major Designators</u>	
2 Writing (W)	____ ____
1 Speaking (S)	____
Certified Proficiency in Communication (CPC)	____
CPC is met with a grade of "C" or better in one speaking and two writing courses in the major.	
<u>Other Designators</u>	
4 Writing (W)	____ ____ ____ ____
(English 1000 and 1100 will count as 2 W)	
4 Multi Cultural (MC)	____ ____ ____ ____
(History 1101 and 1102 will count as 2 MC)	
2 Numerical Data (ND)	____ ____
2 Computer (C)	____ ____
1 Cross Disciplinary (CD)	____