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

Student Name: __________________________________________                                                    Date_______________

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)
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)

2. HUMAN GEOGRAPHY (3 hours)
GHY 3210 _____ (3) Economic Geography (Pre: 1 intro course GHY/ECO)
GHY 4200 _____ (3) Urban Geography
GHY 4230 _____ (3) Political Geography
GHY 4240 _____ (3) Transportation Geography & Planning

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