Bachelor of Science (BS) 
Degree Code 604* 
Concentration Code: 604D 
Environmental Studies 

2011-2012 

I. GENERAL EDUCATION 

Refer to the General Education check sheet for foreign languages that can be used. All courses taken for General Education credit may be used to satisfy requirements for the major. If more than six hours of required courses have been taken for General Education credit, select alternatives in consultation with your sustainable development advisor.

II. MAJOR REQUIREMENTS

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in fulfillment of the major requirements. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Required SD Core (20 semester hours):

- S D 2400 (3) Principles of Sustainable Development
- S D 3100 (4) Principles of Agroecology
- STT 2810* (3) Introduction to Statistics (Pre: MAT 1010 or equiv.)
- S D 3000 (4) Science for Sustainability (WID)(Pre: ENG 2001)
- ANT/SD 4570 (3) Sus Dev in the Modern World System (CAP)

B. Choose at least 3 hours from each area (15 or 16 semester hrs)

AREA 1. ENVIRONMENTAL STUDIES

- BIO 3302 (4) Ecology
- BIO 3312* (3) Environmental Studies (Pre: BIO 1802)
- CHE 2550* (3) Intro to Environmental Chemistry (Pre: CHE 1101 and CHE 1110)
- G HY 3110 (3) Vegetation, Soils, & Landforms
- GLY 3703* (3) Issues in Environmental Geology (Pre: 2-semester sequence in a natural science)

AREA 2. POLITICAL ECONOMY & SOCIAL DEVELOPMENT

- P S/A NT 4220 (3) Globalization
- ANT 4565 (3) Agrarian Studies & Rural Development
- E CO 2620 (3) Environmental & Resources Economics
- E CO 3800* (3) Urban & Regional Economics (Pre: ECO 2030 and sequence in a natural science)
- E CO 2640
- GHY 3210 (3) Economic Geography
- S D 3400 (3) Development & Underdevelopment
- S D 4400 (3) Sustainability, Economics, & Development

AREA 3. TOOLS, METHODS, & APPLICATIONS

- ANT 3550 (3) Applied Anthropology
- E CO 4660* (3) Benefit & Cost Analysis (Pre: ECO 2030)
- GH Y 3820 (3) GIS for Environmental & Social Sciences
- P LN 2410 (3) Town, City, & Regional Planning
- P LN 4450 (3) Planning for Sustainable Communities
- P LN 4460 (3) Environmental Policy & Planning
- P LN 4470 (3) Community Development
- TEC 3601 (3) Intro to Energy Issues & Technology

C. Geographic Area Studies (6 semester hours)

Courses must be chosen in consultation with the SD faculty advisor. Focus on one geographic/cultural area, in consultation with the advisor (e.g., Appalachia, Latin America, Asia, Africa, South Asia, Middle East, etc)

III. ENVIRONMENTAL STUDIES CONCENTRATION

Students must take a minimum of 24 semester hours from the courses below. No course used in above core or major requirements may be used in this concentration.

A. Required Environmental Studies Core Choose 7 of the following courses: (min. 24 semester hours)

- BIO 3302 (4) Ecology
- BIO 3312* (3) Environmental Studies (Pre: BIO 1802)
- CHE 2550* (3) Intro to Environmental Chemistry (Pre: CHE 1101 and CHE 1110)
- G HY 3110 (3) Vegetation, Soils, & Landforms
- GLY 3703* (3) Issues in Environmental Geology (Pre: 2-semester sequence in a natural science)
- S D 4900** (1-9) Internship/Practicum OR S D 4510 (3) Thesis/Project (both require pre-approval from advisor in SD program)
- G HY 3820 (3) GIS for Env and Social Sciences
- GLY 1103 (4) Intro to Env and Applied Geology
- S D 4100 (4) Agroecology Practices, Sys, & Philosophies
- G HY 3130 (3) Geography of Biodiversity
- GLY 4705* (4) Advanced Environmental & Eng Geology (Pre: junior standing and 6 s.h. of geology courses above the 1000 level, or permission of instructor)

*NOTE: These courses have prerequisites outside the major

**S D 4900 is a 1-9 s.h. course, but only 6 s.h. maximum may apply to meeting the requirement for the concentration

IV. MINOR (Optional)

V. ELECTIVES (taken to total 122 hours for the degree)

2 semester hours of free electives must be outside the major discipline

Note: Up to 8 s.h. of courses taken for the major may count toward General Education.

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