I. GENERAL EDUCATION

Refer to the General Education check sheet for foreign languages that can be used. Six hours of 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
- PHL 2015 (3) Environmental Ethics
- S D 3100 (4) Principles of Agroecology
- S D 3000 (4) Science for Sustainability (WID)
- STT 2810 (3) Introduction to Statistics
- 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)
- GGY 3110* (3) Vegetation, Soils, & Landforms (Pre: GGY 1010 or permission of instructor)
- GLY 3703* (3) Issues in Environmental Geology (Pre: two-semester sequence in a natural science)

AREA 2. POLITICAL ECONOMY & SOCIAL DEVELOPMENT

- P SCAN 4220 (3) Globalization
- ANT 4565 (3) Agrarian Studies & Rural Development
- ECO 3620 (3) Environ. & Natural Resources Economics
- ECO 3800* (3) Urban & Regional Economics (Pre: ECO 2030 and ECO 2040)
- GGY 3210* (3) Economic Geography (Pre: one introductory course in either geography or economics)
- S D 3400 (3) Development & Underdevelopment
- S D 4400 (3) Sustainability, Economics, & Development

AREA 3. TOOLS, METHODS, & APPLICATIONS

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

C. 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. AGROECOLOGY AND SUSTAINABLE AGRICULTURE CONCENTRATION

Students must take a minimum of 24-26 semester hours from the courses below. No course used in above core or major requirements can be used in this concentration.

A. Required Core (15 semester hours):

- S D 3150 (4) Soil & Soil Fertility Management
- S D 3300 (3) Farm Business Mgmt & Marketing
- S D 4100 (4) Agroecology Prac, Sys, & Philosophies
- S D 4200 (4) Ecologically-Based Pest Management
- S D 3250 (4) Livestock Production & Management
- S D 3350 (3) Contemporary Issues in Agriculture & Food
- S D 3450 (3) Farmworkers
- S D 4900** (1-9) Internship/Practicum

B. Electives – Choose three of the following: (9-11 semester hours)

- ANT 4565 (3) Agrarian Studies & Rural Development
- ECO 3620 (3) Environmental & Resource Economics
- GGY 3110* (3) Vegetation, Soils, & Landforms (Pre: GGY 1010 or permission of instructor)
- S D 3200 (4) Agroforestry, Farm Forestry, & Sus Forest Mgmt

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.