

AGROECOLOGY and SUSTAINABLE AGRICULTURE

I. GENERAL EDUCATION.....44

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.....41 or 42

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
CHE 2550 ____ (3) Intro to Environmental Chemistry
GHY 3110 ____ (3) Vegetation, Soils, & Landforms
GLY 3703 ____ (3) Issues in Environmental Geology

AREA 2. POLITICAL ECONOMY & SOCIAL DEVELOPMENT

P S/ANT 4220 ____ (3) Globalization
ANT 4565 ____ (3) Agrarian Studies & Rural Development
ECO 3620 ____ (3) Environ. & Natural Resources Economics
ECO 3800 ____ (3) Urban & Regional Economics
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
ECO 3660 ____ (3) Benefit & Cost Analysis
GHY 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 CONCENTRATION24-26

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 4100 ____ (4) Agroecology Prac, Sys, & Philosophies
S D 3300 ____ (3) Farm Business Mgmt & Marketing	S D 4200 ____ (4) Ecologically-Based Pest Management

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

ANT 4565 ____ (3) Agrarian Studies & Rural Development	S D 3250 ____ (4) Livestock Production & Management
ECO 3620 ____ (3) Environmental & Resource Economics	S D 3350 ____ (3) Contemporary Issues in Agriculture & Food
GHY 3110 ____ (3) Vegetation, Soils, & Landforms	S D 3450 ____ (3) Farmworkers
S D 3200 ____ (4) Agroforestry, Farm Forestry, & Sus Forest Mgmt	S D 4900 ____ (1-9) Internship/Practicum*

**(SD 4900 is a 1 – 9 s.h. course, but only 6 s.h. maximum may apply to meeting the requirements for the concentration)*

IV. MINOR (Optional)

V. ELECTIVES (taken to total 122 hours for the degree).....10-13

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