Bachelor of Science (BS) Program of Study for Sustainable Development Majors
Degree Code 604* Agroecology & Sustainable Agriculture
Concentration 604B Non-Teaching

I. GENERAL EDUCATION  ................................................................. 44
(SD 2400 and PHL 2015 if taken for the major may count toward General Education if fulfilling ILE: Sustainability and Global Resources; STT 2820 if taken for the major may count toward GEN ED: Quantitative Literacy)

II. MAJOR REQUIREMENTS  .............................................................. 65 - 70
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.

Junior Writing in the Discipline (WID) _____ & Senior Capstone Experience (CAP) _____ must also be completed.

Required SD Core (24 sh)
SD 2400 (3) Principles of Sustainable Development (F;S) (GEN EDU: ILE: Sustainability & Global Resources)
SD 2610 (3) Science for Sustainability (F;S)
SD 2700 (3) Development Theory and Practice (F)
SD 2800 (3) Environmental Justice & Sustainability (F)
OR
PHL 2015 (3) Environmental Ethics (F;S) (GEN EDU: ILE: Sustainability & Global Resources)
SD 3100 (3) Principles of Agroecology (F;S)
SD 3125 (3) Applied Farm Operations I (F;S) (Prerequisite/Corequisite: SD 3100)
SD 3800 (3) Classics in Sustainable Development (F) (WID) (Prerequisite: RC 2001 or equivalent)
SD 4550 (3) Senior Seminar (CAP) (F;S)

III. AGROECOLOGY AND SUSTAINABLE AGRICULTURE CONCENTRATION (41 – 46 sh)
No course used in above core can be used in this concentration.

Required Agro Core (26 – 27 sh)
SD 3150 (4) Soil & Soil Fertility Management (F)
SD 3250 (3) Livestock Production & Management (F) (Prerequisite/Corequisite: SD 3100)
SD 3300 (3) Farm Business Management & Marketing (S)
SD 3900 (3) Practicum in Sustainable Agriculture (SS) (Prerequisite: SD 3100)
SD 4100 (3) Agroecology Practices, Systems, and Philosophies (S) (Prerequisite: SD 3100)
SD 4125 (3) Applied Farm Operations II (F;S) (Prerequisite/Corequisite: SD 3150 and SD 3250)
SD 4200 (4) Ecologically-Based Pest Management (SS) (Prerequisite: SD 3100)
STT 2820 (4) Reasoning with Statistics (F;S) (GEN EDU: Quantitative Literacy)
OR
GHY/PLN 3800 (3) Intro Quantitative Methods (F;S)

B. Focus Area (9-11 semester hours)
The Focus Area is made up of courses that form a single, coherent emphasis relevant to the student’s area of interest such as Crops and Soils; Livestock; Agroforestry and Farm Forestry; Development, etc. (see samples on the SD website, www.sd.appstate.edu). Credit hours from study abroad, an internship, or an advanced internship may be used in the Focus Area, as appropriate. Courses counted toward other major requirements may not be counted in the focus area. Your SD advisor must approve all courses for this requirement.

C. Skills Area (6-8 semester hours)
The skills area is made up of courses that are relevant to sustainable agriculture. (see samples on the SD website, www.sd.appstate.edu). Courses counted toward other major requirements may not be counted in the Skills Area. Your SD advisor must approve all courses for this requirement.

III. MINOR (Optional) (9 sh of a minor must be completed at Appalachian).

IV. FREE ELECTIVES  ................................................................. 8 - 23
2 sh of free electives outside the major discipline are required.