

Bachelor of Science (BS)
Degree Code 604*
Concentration 604B
Non-Teaching

Program of Study for
Sustainable Development Majors
Agroecology & Sustainable Agriculture

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)

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

- S D 3150 ____ (4) Soil & Soil Fertility Management (F)
- S D 3250 ____ (3) Livestock Production & Management (F) (Prerequisite/Corequisite: SD 3100)
- S D 3300 ____ (3) Farm Business Management & Marketing (S)
- S D 3900 ____ (3) Practicum in Sustainable Agriculture (SS) (Prerequisite: SD 3100)
- S D 4100 ____ (3) Agroecology Practices, Systems, and Philosophies (S) (Prerequisite: SD 3100)
- S D 4125 ____ (3) Applied Farm Operations II (F;S) (Prerequisite/Corequisite: SD 3150 and SD 3250)
- S D 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)

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| Major courses that may count in Gen Ed: |
| SD 2400 (3) ILE: Sustainability & Global Resources |
| PHL 2015 (3) ILE: Sustainability & Global Resources |
| STT 2820 (4) Quantitative Literacy |
| Total Major Hours: 65 – 70 |
| Gen Ed up to: - 10 |
| Net Major Hours: 55 - 60 |

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.**

_____ (3) _____ (3)

_____ (3) _____ (3)

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.**

_____ (3) _____ (3)

_____ (3) _____ (3)

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. 122