



**Sustainable Agriculture & Food Systems Major Worksheet**  
(Students Entering Fall 2021 and following)

**Sustainable Agriculture & Food Systems Major Requirements (28 credits)**

- \_\_\_ INT107 Foundations of Sust. Agriculture and Food Systems (3 cr)
- \_\_\_ NS254 Biology with Lab (4)
- \_\_\_ INT245 Fieldschool in Sustainable Agriculture & Food Systems (12 cr)
- or
  - \_\_\_ INT201 Whole Farm Thinking (3 cr)
  - \_\_\_ INT203 Holistic Livestock Husbandry (3 cr)
  - \_\_\_ INT204 Introduction to Crop Production Systems (3 cr)
  - \_\_\_ INT205 Local Food Systems (3 cr) or \_\_\_ INT242-WBFP Homecoming:  
Farming Portfolio waiver Good Work is Membership (3 cr)
- or
  - \_\_\_ SS312A U.S. Farm & Food Policy (3 cr)
  - \_\_\_ SS382 Landscape, Food & Culture (3 cr)
  - \_\_\_ INT415 Agroecology (3 cr; WI)

**Concentration Areas**

- \_\_\_ At least 17 credits in Agroecology, or
- \_\_\_ At least 17 credits in Integrated Production Systems, or
- \_\_\_ At least 17 credits in Food, Farming, & Society, or
- \_\_\_ At least 17 credits in Wendell Berry farming Program Concentration, for students at the Kentucky campus.

**Capstone Courses (6-12 credits)**

- \_\_\_ INT422: SYRP I (3-6 credits)
- \_\_\_ INT423: SYRP II (3-6 credits)

**At Least 50 Total Major Credits**

**Graduation Requirements**

- \_\_\_ INT100A: A Sense of Place: Expedition I
- \_\_\_ NS107A: Foundations of Ecology
- \_\_\_ One additional Foundations course (not INT107)
- \_\_\_ One additional 400-level seminar course
- \_\_\_ Math Competency (NS050 or waiver)
- \_\_\_ 120 total credits (minimum)
- \_\_\_ Final Q.P.A. of at least 2.0
- \_\_\_ Successful Completion of Work Program
- \_\_\_ 6 Credits in Natural Science
- \_\_\_ 6 Credits in Social Science
- \_\_\_ 6 Credits in Humanities
- \_\_\_ Coursework Designated as Writing-Intensive (6 credits)
- \_\_\_ 1 200/300-level Writing-Intensive (WI) course
- \_\_\_ 1 300/400-level Writing-Intensive (WI) course

**Agroecology Concentration (at least 17 credits)**

Take at least 17 credits from the following courses

- \_\_\_ AS310 Permaculture (3 credits)
- \_\_\_ NS200 Watershed Ecosystems Analysis (3 cr)
- \_\_\_ SS208 Introduction to Geographic Information Systems (3 cr)
- \_\_\_ NS225 Wildlife Conservation and Management (3 cr)
- \_\_\_ NS301 Field Ecology (4 cr)
- \_\_\_ NS305 Wetland Ecology (3 cr)
- \_\_\_ NS307 Soil Science (4 cr)
- \_\_\_ NS346 Plant Science (4 cr)
- \_\_\_ NS372 Agroforestry (4 cr)

**Wendell Berry Farming Program Concentration**

Take at least 16 credits from the following courses

WBFP is an application-based program in Kentucky.

- \_\_\_ AS174-WBFP Draft Horse Management I: Driving Principles (3 cr)
- \_\_\_ AS179 WBFP Draft Horse Management II: Work Applications (3-4 cr)
- \_\_\_ AS285 WBFP Draft Horse Mgmt III: Farming with Draft Animals (2 cr)
- \_\_\_ AS365-WBFP Intro to Farrier Science (3 cr)
- \_\_\_ AS274-WBFP Restorative Forestry (3 cr)
- \_\_\_ AS105-WBFP Woodlot Practices (2-3 cr)
- \_\_\_ HM345-WBFP Literature of the Rural Experience (3 cr)
- \_\_\_ NS222A-WBFP Animal Science I (4 cr)
- \_\_\_ SS380-WBFP Community Organizing for Social & Political Action (3)
- \_\_\_ SS317-WBFP Small Business Management (3-4 cr)
- \_\_\_ SS416-WBFP Whole Farm Planning (3 cr)

**Food, Farming & Society Concentration (at least 17 credits)**

Take at least 17 credits from the following courses

- \_\_\_ AS174 Draft Animal Power Systems I (3 cr)
- \_\_\_ NS200 Watershed Ecosystems Analysis (3 cr)
- \_\_\_ NS206 Human Nutrition (3 cr)
- \_\_\_ SS208 Introduction to Geographic Information Systems (3 cr)
- \_\_\_ AS212 Value-Added Food Production (2-4 cr)
- \_\_\_ HM238 Introduction to Fiber Arts (3 cr)
- \_\_\_ SS239 Community Food Action (3 cr)
- \_\_\_ HM271G Natural Dyes and Dying (3 cr)
- \_\_\_ AS310 Permaculture (3 cr)
- \_\_\_ SS317 Small Business Management (3-4 cr)
- \_\_\_ NS472 Environmental Justice Beyond Borders (3 cr)
- \_\_\_ NS402 Conservation Biology (3 cr; WI)

**Integrated Production Systems Concentration (at least 17 credits)**

Take at least 12 credits from the following courses

- \_\_\_ AS174 Draft Animal Power Systems I (3 cr)
  - \_\_\_ NS200 Watershed Ecosystems Analysis (3 cr)
  - \_\_\_ AS262 Livestock or AS261 Garden Project (2-3 cr)
  - \_\_\_ SS208 Introduction to Geographic Information Systems (3 cr)
  - \_\_\_ NS222 Animal Science (4 cr)
  - \_\_\_ NS272B Introduction to Ecological Fruit, Berry and Nut Production
  - \_\_\_ AS212 Value Added Food Production (2-4 cr)
  - \_\_\_ NS307 Soil Science (4 cr)
  - \_\_\_ SS317 Small Business Management (3-4 cr)
  - \_\_\_ NS346 Plant Science (4 cr; WI)
  - \_\_\_ NS372 Agroforestry (4 cr)
  - \_\_\_ SS416 Whole Farm Planning (4 cr)
- AND
- \_\_\_ SS300 Practicum in Environmental Stewardship (Internship, 4-6 credits)

**Recommended minor programs**

- \_\_\_ Draft Animal Power Systems
- \_\_\_ Education Studies
- \_\_\_ Natural Resource Conservation

**Recommended Field Studies Courses**

- \_\_\_ INT372 Agriculture Adaptations and Climate Change: Chiapas, Mexico (4 cr)

This worksheet is an advising aid to be used by students and advisors. Note that final degree audits are completed by the Office of Academics through the Sterling College SIS system. Students are required to declare a Major at the beginning of their Junior year. Students without a major declaration on file will not be permitted to enroll for Senior year courses.