

Sterling College

Working Hands. Working Minds.

Sustainable Agriculture Major Worksheet (Students Entering Fall 2018 and following)

Foundation Course (3 credits)

___ INT107: Foundation of Sust. Agriculture and Food Systems (3 credits, WI)*

Common (SA and SFS) Requirements (6 credits)

___ NS122 Introduction to Agroecology (3 credits)
___ SS312A U.S. Agriculture and Food Policy (3 credits)*

Sustainable Agriculture Major Requirements (18 credits)

___ NS200 Watershed Ecosystem Analysis (3 credits)[NS107A]
___ NS247 Soils, Plants, and Microbes I (3 credits)
___ INT245 Integrated Farming Practicum (9 credits)

Concentration Areas

___ At least 23 credits in Agroecology, or
___ At least 20 credits in Integrated Livestock and Crop Production, or
___ At least 20 credits in Woodland Operations, or
___ At least 20 credits in Grow Wild: Integrated Agriculture Studies

___ The Wendell Berry Farming Program (60 credits)*

Separate application required

Graduation Requirements

___ INT100A: A Sense of Place: Expedition I
___ NS107A: Foundations of Ecology
___ 1 Additional Foundations course:
___ Two 400-level courses
___ Math Competency (NS050 or waiver)
___ 120 total credits (minimum)
___ Work-Tools Competency
___ 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

Capstone Courses (6-12 credits)

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

Concentration Areas

Note: Prerequisites in brackets [e.g. NS346]

Agroecology (23 credits)

___ AS271 Restoration Agriculture (3 credits)
___ NS301 Field Ecology [NS107A] (4 credits)
___ SS308 Introduction to Geographic Information Systems (3 credits)
___ AS310 Permaculture (3 credits)
___ NS348 Soil, Plants, and Microbes II (4 credits, WI) [NS107A, NS247]
___ NS372 Agroforestry (3 credits) [NS348 or NS235]
___ INT415 Agroecology (3 credits) [NS122, NS348, AS218 or NS222]. * Required for Whole Farm Planning

Elective suggestions: Agroecology

___ AS218 Livestock Systems Management (3 credits) [NS222]
___ NS222 Introduction to Animal Science and Husbandry (3 credits) [INT107, NS122, NS247]
___ NS235 Natural History of the North Woods (4 credits)
___ SS317 Small Business Management (4 credits)*
___ SS408 Advanced Geographic Information Systems (3 credits)
___ NS448 Soils, Plants, and Microbes III (4 credits)[NS348]

Integrated Livestock and Crop Production (20 credits)

___ AS218 Livestock Systems Management (3 credits) [NS222]
___ NS222 Holistic Livestock Husbandry (3 credits) [INT107, NS122, NS247]
___ SS317 Small Business Management (4 credits)
___ NS348 Soils, Plants, and Microbes II (4 credits, WI) [NS107A, NS247]
___ NS3**Introduction to Crop Production Systems (3 credits) [INT107]
___ SS416 Whole Farm Planning (3 credits) [NS348, NS222, SS312 or NS247]

Elective suggestions: Integrated Crop and Livestock Production

___ AS174 Draft Animal Power Systems I: Driving Principles (3 credits)
___ AS262 Garden Project (2 credits)
___ AS263 Livestock Project (2 credits)
___ SS300 Practicum in Environmental Stewardship (Internship, 6 credits)
___ SS308 Introduction to Geographic Information Systems (3 credits)
___ NS372 Agroforestry (3 credits)
___ SS408 Advanced Geographic Information Systems (3 credits)

Woodland Operations (20 credits)

___ AS105 Woodlot Techniques (2 credits)
___ AS120 Forestry Techniques (2 credits)
___ NS235 Natural History of the North Woods (4 credits) [NS107A]
___ NS240 Forestry (3 credits) [NS107A]
___ AS274 Restoration Forestry: Adv. Woodlot Tech. (3 credits)
___ SS308 Introduction to Geographic Information Systems (3 credits)
___ NS372 Agroforestry (3 credits) [NS348 or NS235]

Elective suggestions: Woodland Operations

___ AS195 Introduction to Handtools and Woodworking (2 credits)
___ AS 1xx Low Impact Tools for Woodland Operations (2 credits)*
___ HM215 A Reverence for Wood: Studio Woodworking (2 credits) [HM125]
___ YM225 (Yesterday) Natural Building Certificate (14 credits)
___ YM280 (Yesterday) Sustainable Building and Design Certificate (14 credits)
___ SS317 Small Business Management (4 credits)*

* Required for Whole Farm Planning

Grow Wild: Integrated Agricultural Studies (20 credits)

Choose 16 credits from the courses listed above

Note: Students choosing this area are required to develop a competency-based portfolio

___ SS317 Small Business Management (4 credits)

Recommended minor programs

___ Draft Animal Power Systems (14 credits)

Recommended Global Field Studies Courses

___ INT372 Agriculture Adaptations and Climate Change: Chiapas, Mexico (4 credits)

_____ Education Studies (15 credits)

_____INT381b Guatemala: Mesoamerican Food Sovereignty (4 credits)

_____ Natural Resource Conservation (15 credits)

_____ Sustainable Food Systems (15 credits)*

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.