Agroecology Option

Land Resources and Environmental Sciences

Freshman Year

- ENSC 110 - Lnd Res Environ Sciences (3)
- SFBS 146 - Introduction to Sustainable Food and Bioenergy Systems (3)
- BIOB 110CS - Introduction to Plant Biology (3)
- BIOB 170IN - Principles of Biological Diversity (4)
- CHMY 141 - College Chemistry I (4)
- Take one of the following (3)
  - ECNS 101IS - Economic Way of Thinking (3)
  - M 121Q - College Algebra (3)
  - M 145Q - Math for the Liberal Arts (3)
- WRIT 101W - College Writing I (3)
- University Core and Electives (3)

Year Total: 29

Sophomore Year

- BIOB 160 - Principles of Living Systems (4)
- CHMY 143 - College Chemistry II (4)
- Choose one of the following: 4-5
  - BCH 104RN - The Biochemistry of Health for Non-Science Majors (4)
  - CHMY 123 - Introduction of Organic Chemistry and Biochemistry (3)
  - CHMY 211 - Elements of Organic Chemistry (3)
- ANSC 222 - Livestock in Sustain Systems (3)
- ECHM 205CS - Energy and Sustainability (3)
- ENSC 245IN - Soils (3)
- NUTR 221CS - Basic Human Nutrition (3)
- Take one of the following (3)
  - SFBS 296 - Practicum: Towne’s Harvest (3)
  - SFBS 298 - Internship (3)
- University Core & Electives (3)

Year Total: 30-31

Junior Year

- Take one of the following (3)
  - BIOB 318 - Biometry (3)
  - STAT 216Q - Introduction to Statistics (3)
  - ENSC 353 - Environmental Biogeochemistry (3)
  - NUTR 351 - Nutrition and Society (3)
- Take one of the following (3)
  - ECNS 204IS - Microeconomics (3)
  - AGBE 315 - Ag in a Global Context (3)
  - NRSM 421 - Holistic Thought/Mgmt (3)
- University Core and Electives (21)

Year Total: 30

Senior Year

- Choose two of the following: 6
  - AGSC 401 - Integrated Pest Management (3)
  - AGSC 428 - Sustainable Cropping Systems (3)
  - BIOM 421 - Concepts of Plant Pathology (3)
  - ENSC 443 - Weed Ecology and Management (3)
- Take one of the following (3)
  - BIOO 433 - Plant Physiology (3)
  - BIOE 455 - Plant Ecology (3)
  - BIOM 452 - Soil & Envirnmntl Microbiology (3)
  - ENSC 468 - Ecosystem Biogeochem (3)
- SFBS 499 - Senior Thesis/Capstone (3)
- SFBS 498 - Internship (3)
  or ANSC 498 - Internship (3)
- University Core and Electives (15)

Year Total: 30

Total Program Credits: 119-120