

Agroecology Option

Land Resources and Environmental Sciences

Freshman Year	Credits
ENSC 110 - Lnd Res Environ Sciences	3
SFBS 146 - Introduction to Sustainable Food and Bioenergy Systems	3
BIOB 170IN - Principles of Biological Diversity	4
BIOB 110CS - Introduction to Plant Biology	3
CHMY 141 - College Chemistry I	4
M 121Q - College Algebra	3
ECNS 101IS - Economic Way of Thinking	3
WRIT 101W - College Writing I	3
University Core and Electives	3
Year Total:	29

Sophomore Year	Credits
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	
CHMY 123 - Introduction of Organic Chemistry and Biochemistry	
CHMY 211 - Elements of Organic Chemistry	
ECHM 205CS - Energy and Sustainability	3
ENSC 245IN - Soils	3
GPHY 284 - Intro to GIS Science & Cartog	3
NUTR 221CS - Basic Human Nutrition	3
NUTR 226 - Food Fundamentals	3
Choose one of the following:	3
SFBS 298 - Internship	
SFBS 296 - Practicum: Towne's Harvest	
Year Total:	30-31

Junior Year	Credits
Choose one of the following:	3
BIOB 318 - Biometry	
STAT 216Q - Introduction to Statistics	
Choose one of the following:	3
NRSM 240 - Natural Resource Ecology	
BIOE 370 - General Ecology (equiv to 270)	
ENSC 353 - Environmental Biogeochemistry	3
NUTR 351 - Nutrition and Society	3
Choose one of the following:	3-4
AGBE 315 - Ag in a Global Context	
ECNS 204IS - Microeconomics	
NRSM 421 - Holistic Thought/Mgmt	
University Core and Electives	15
Year Total:	30-31

Senior Year	Credits
Choose two of the following:	6
AGSC 401 - Integrated Pest Management	
AGSC 428 - Sustainable Cropping Systems	
BIOM 421 - Concepts of Plant Pathology	
ENSC 443 - Weed Ecology and Management	

Choose one of the following:	3
BIOE 455 - Plant Ecology	
BIOO 433 - Plant Physiology	
BIOM 452 - Soil & Environmntl Microbiology	
ENSC 468 - Ecosystem Biogeochem	
SFBS 498 - Internship	1-12
SFBS 499 - Senior Thesis/Capstone	3
University Core and Electives	15
Year Total:	28-39
Total Program Credits:	120

Restricted Electives

Take 21 credits of the following

AGSC 341	Field Crop Prod	3
AGSC 342	Forages	3
BIOB 375	General Genetics	3
BIOE 370	General Ecology (equiv to 270)	3
BIOE 375	Ecological Responses to Climate Change	3
BIOM 360	General Microbiology	5
ENSC 410R	Biodiversity Methods	3
GPHY 384	Adv GIS and Spatial Analysis	3
GPHY 484R	Applied GIS & Spatial Analysis	3
HORT 337	Vegetable Production	3
HORT 345	Market Gardening	3
NASX 415	Native Food Systems	3
PSCI 406	The Political Economy of Energy	3
PSCI 436	Politics of Food & Hunger	3
SFBS 346	Sustainable Food and Bioenergy Systems Summer Field Course	2
SFBS 445R	Culinary Marketing: Farm/Table	3
SFBS 451R	Sustainable Food Systems	3

Each student shall work closely with their faculty advisor to plan an integrated set of elective courses appropriate to their academic and professional goals.

Because some of our courses are offered during alternate years, the proposed scheduling of courses in junior and senior years may need to be modified. Work with your advisor to determine an individual schedule.

A minimum of 120 credits is required for graduation; at least 42 of these credits must be in courses numbered 300 and above.

Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.