

# Sustainable Crop Production Option

## Plant Sciences and Plant Pathology

### Freshman Year Credits

SFBS 146 - Introduction to Sustainable Food and Bioenergy Systems	3
BIOB 170IN - Principles of Biological Diversity	4
ECNS 101IS - Economic Way of Thinking	3
BIOB 110CS - Introduction to Plant Biology	3
ENSC 110 - Land Resources and Environmental Sciences	3
ENSC 245IN - Soils	3
Select one of the following:	4
CHMY 121IN - Introduction to General Chemistry	
CHMY 141 - College Chemistry I	
Select one of the following:	3
M 105Q - Contemporary Mathematics (formerly M 145Q, Math for Liberal Arts)	
M 121Q - College Algebra	
University Core and Electives	4
Year Total:	30

### Sophomore Year Credits

NUTR 221CS - Basic Human Nutrition	3
AGSC 341 - Field Crop Prod	3
BIOM 103IN - Unseen Universe: Microbes	3
ECHM 205CS - Energy and Sustainability	3
Select one of the following:	3
SFBS 296 - Practicum: Towne's Harvest	
SFBS 298 - Internship	
Select one of the following:	3
NASX 232D - MT Indians: Cultures, Histories, Current Issues	
PSCI 230D - Introduction to International Relations	
Select one of the following:	3
BIOB 318 - Biometry	
STAT 216Q - Introduction to Statistics	
Select one of the following:	3
AGBE 210IS - Economics of Ag Business	
ECNS 204IS - Microeconomics	
ANSC 222 - Livestock in Sustain Systems	
University Core and Electives	6
Year Total:	30

### Junior Year Credits

HORT 337 - Vegetable Production	3
SFBS 327 - Measure Innovation in Food Sys	3
BIOE 370 - General Ecology (equiv to 270)	3
NUTR 351 - Nutrition and Society	3
AGSC 428 - Cropping Systems and Sustainable Ag	3
HDFS 239 - Contemporary Consumer Issues	3
Select two of the following:	5-7
AGBE 315 - Ag in a Global Context	
BIOB 377 - Practical Genetics	
HORT 345 - Market Gardening	

NRSM 421 - Holistic Thought/Mgmt	
NUTR 322 - Food Service System Management	
NUTR 395 - Pract: Quant Foods Prod & Mgmt	
SFBS 346 - Sustainable Food and Bioenergy Systems Summer Field Course	

University Core and Electives	5-6
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Year Total: 30

### Senior Year Credits

AGSC 356 - Plant Nutrition and Soil Fertility Management	3
SFBS 466 - Food System Resilience, Vulnerability and Transformation	3
SFBS 498 - Internship	2-12
SFBS 499 - Senior Thesis/Capstone	3
Select one of the following:	3
SFBS 445R - Culinary Marketing: Farm/Table	
SFBS 451R - Sustainable Food Systems	

Select one of the following: 3

SFBS 429 - Small Business and Entrepreneurship in Food and Health	
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BMGT 469 - Community Entrepreneurship & Nonprofit Management	
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Select four of the following: 12

AGSC 342 - Forages	
AGSC 401 - Integrated Pest Management	
AGSC 441 - Plant Breeding & Genetics	
AGSC 450 - Plant Disease Control	
BIOM 421 - Concepts of Plant Pathology	
ENSC 443 - Weed Ecology and Management	
HORT 245 - Plant Propagation	
NASX 415 - Native Food Systems	
PSCI 406 - The Political Economy of Energy	
PSCI 436 - Politics of Food & Hunger	
HORT 492 - Independent Study	

University Core and Electives 3

Year Total: 32-42

Total Program Credits: 122-132

### **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.