

**Sustainable Food & Bioenergy Systems Program- Sustainable Crop Production Option**  
**2014-2015 Catalog**

Freshman Year			Term	Credits	Grade
SFBS	146	Intro to Sustainable Food & Bioenergy Systems .....	S.....	3.....	_____
BIOB	170IN	Principles of Biological Diversity.....	F,S.....	4.....	_____
ECNS	101IS	Economic Way of Thinking.....	F,S,Su.....	3.....	_____
BIOB	110CS	Introduction to Plant Biology.....	S.....	3.....	_____
ENSC	110	Land Resources & Environmental Sciences.....	F.....	3.....	_____
ENSC	245IN	Soils.....	F.....	3.....	_____
<i>Take one of the following:</i>					
CHMY	121IN	Intro to General Chemistry .....	F,S,Su.....	4.....	_____
CHMY	141	College Chemistry I.....	F,S,Su.....	4.....	_____
<i>Take one of the following:</i>					
M	121Q	College Algebra .....	F,S,Su.....	3.....	_____
M	145Q	Liberal Arts Math.....	F,S,Su.....	3.....	_____
UC		University Core & Electives.....	F,S.....	4.....	_____
<i>Total</i>				30.....	_____

Sophomore Year			Term	Credits	Grade
NUTR	221CS	Basic Human Nutrition .....	F,S,Su.....	3.....	_____
AGSC	341	Field Crop Production .....	S (alt-even).....	3.....	_____
BIOM	103IN	Unseen Universe: Microbes .....	F,S.....	3.....	_____
HORT	105	Miracle Growing.....	F.....	3.....	_____
<i>Take one of the following:</i>					
SFBS	296	Practicum: Towne's Harvest.....	Su.....	3.....	_____
SFBS	298	Internship.....	F,S,Su.....	3.....	_____
<i>Take one of the following:</i>					
NASX	232D	MT Indian, Culture, History, Current Issues.....	S.....	3.....	_____
PSCI	230D	Intro International Relations .....	F.....	3.....	_____
<i>Take one of the following:</i>					
BIOB	318	Biometry.....	F.....	3.....	_____
STAT	216Q	Introduction to Statistics .....	S.....	3.....	_____
<i>Take one of the following:</i>					
AGBE	210IS	Economics of Ag Business.....	S.....	3.....	_____
ECNS	204IS	Microeconomics.....	F,S,Su.....	3.....	_____
ANSC	222	Livestock in Sustainable Systems .....	F.....	3.....	_____
UC		University Core & Electives.....	F,S.....	6.....	_____
<i>Total</i>				30.....	_____

Junior Year			Term	Credits	Grade
ECHM	205CS	Energy and Sustainability.....	F,S.....	3.....	_____
BIOE	370	General Ecology ( <i>equiv to 270</i> ).....	S.....	3.....	_____
FCS	239	Contemporary Consumer Issues.....	F.....	3.....	_____
NUTR	351	Nutrition & Society.....	F.....	3.....	_____
AGSC	428	Sustainable Cropping Systems .....	S.....	3.....	_____
<i>Take three of the following:</i>					
AGBE	315	Agriculture in a Global Context .....	S (alt-even).....	3.....	_____
HORT	345	Organic Market Gardening.....	Su.....	3.....	_____
HORT	337	Vegetable Production.....	F (alt-odd).....	3.....	_____
NRSM	421	Holistic Thought Management.....	S.....	4.....	_____
BIOB	377	Practical Genetics .....	S.....	3.....	_____
NUTR	322	Food Service System Management.....	F.....	3.....	_____
NUTR	395	Practicum: Quant Foods Production & Management.....	S.....	3.....	_____
SFBS	327	Measure Innovation in Food Systems .....	F.....	3.....	_____
SFBS	346	SFBS Summer Field Course .....	Su.....	2.....	_____
UC		University Core & Electives.....		5-7.....	_____
<i>Total</i>				30.....	_____

Senior Year			Term	Credits	Grade
SFBS	498	Internship.....	F,S,Su.....	3.....	_____
SFBS	499	Senior Thesis/ Capstone.....	F.....	3.....	_____
<i>Take one of the following:</i>					
SFBS	451R	Sustainable Food Systems.....	S.....	3.....	_____
SFBS	445R	Culinary Marketing: Farm to Table .....	Su.....	3.....	_____
<i>Take one of the following:</i>					
SFBS	429	Small Business & Entrepreneurship in Food & Health .....	F.....	3.....	_____
BMGT	469	Community and Social Entrepreneurship .....	S.....	3.....	_____
<i>Take five of the following:</i>					
AGSC	401	Integrated Pest Management .....	F.....	3.....	_____
AGSC	491	Plant Nutrition & Soil Fertility Management .....	F.....	3.....	_____
ENSC	443	Weed Ecology & Management.....	F.....	3.....	_____
HORT	245	Plant Propagation .....	S.....	3.....	_____
AGSC	342	Forages .....	F.....	3.....	_____
BIOM	421	Concepts of Plant Pathology .....	S.....	3.....	_____
AGSC	450	Plant Disease Control .....	S (alt-odd).....	3.....	_____
AGSC	441	Plant Breeding and Genetics.....	S (alt-odd).....	3.....	_____
PSCI	406	The Political Economy of Energy .....	F.....	3.....	_____
NASX	415	Native Food Systems .....	F (alt-even).....	3.....	_____
PSCI	436	Politics of Food & Hunger.....	S.....	3.....	_____
SFBS	466	Food System Resilience, Vulnerability & Transformation.....	S.....	3.....	_____
UC		University Core & Electives.....	F,S.....	3.....	_____
<i>Total</i>				30.....	_____
<b>Total needed for graduation.....</b>				<b>120.....</b>	_____