

# Sustainable Food and Farming Systems

<https://ag.purdue.edu/oap/Pages/major.aspx>

120 credits required for graduation

Credits	Course number	Course Title
<b>Departmental/Program Major Courses (114 credits)</b>		
<b>Required Major Courses (13 credits)</b>		
3	SFS 21000	Small Farm Experience (Spring)
3	SFS 21100	Small Farm Experience (Fall)
3	SFS 30100	Agroecology
3	SFS 30200	Principles of Sustainability
0	SFS 35000	Summer Small Farm Internship
1	SFS 35100	SFS Capstone Project
<b>Other Departmental /Program Course Requirements (101 credits) (See Advising Resources)</b>		
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
0.5	AGR 12000	Introduction to HLA Academic Programs
3	AGEC 20300	Introduction to Microeconomics
	AGRY 10500 or	
3	HORT 10100	Crop Production or Fundamentals of Horticulture
	AGRY 25500 or	
3	AGRY 27000	Soil Science or Forest Soils
3	AGRY 32000	Genetics
3	ANSC 10200	Introduction to Animal Science
	ANSC 23000 or	
4	HORT 30100	Physiology of Domestic Animals or Plant Physiology
4	BIOL 11000	Fundamentals of Biology I
4	BTNY 11000	Introduction to Plant Science
	BTNY 20700 or	
3-4	BIOL 22100	The Microbial World or Introduction to Microbiology
3	CHM 11100	General Chemistry (satisfies Science #1 for core)
3	CHM 11200	General Chemistry (satisfies Science #2 for core)
3	MA 16010	Applied Calculus I (satisfies Quantitative Reasoning for core)
3	STAT 30100	Elementary Statistical Methods
3	-----	Agronomy/Horticulture Selective
3	-----	Animal Science Selective
3	-----	Business Management Selective
6	-----	Ecology/Environment Selective
3	-----	Food Science Selective
6	-----	Pest Management Selectives
3	-----	Soil Science Selective
6	-----	Systems Modules Selectives
3	-----	Economics Selective (satisfies Human Culture Behavioral/Social Science for core)
3	-----	UCC Humanites Selective
3	-----	<a href="#">Humanities or Social Science Selective</a>
3	-----	<a href="#">Humanities or Social Science Selective</a>
3	-----	<a href="#">Humanities or Social Science Selective (30000+ level)</a>
		First-Year Composition (satisfies Written Communication for core) (satisfies Information Literacy for core)
4	ENGL 10600	Literacy for core)
	COM 11400 or	Fundamentals of Speech Communication or Science Writing and Presentation (satisfies
3	COM 21700	Oral Communication for core)
3	AGR 20100	Communicating Across Cultures
<b>Electives (6 credits)</b>		
6	-----	Elective

**University Core Requirements:**

Human Cultures Humanities:	_____	Science, Technology, and Society:	_____
Human Cultures Behavioral/Social Science:	_____	Written Communication:	_____
Information Literacy:	_____	Oral Communication:	_____
Science #1:	_____	Quantitative Reasoning:	_____
Science #2:	_____		

120 semester credits required for Bachelor of Science degree.  
2.0 GPA required for Bachelor of Science degree.

**College of Agriculture & University Level Requirements:**

2.0 GPA required for Bachelor of Science degree.

32 Upper division credits taken from Purdue

9 credits International Understanding: \_\_\_\_\_

3 credits Multicultural Awareness: \_\_\_\_\_

9 credits of Hum and/or Social Sciences outside the College of Agriculture: \_\_\_\_\_

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Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
<b>Fall 1st Year</b>				<b>Spring 1st Year</b>			
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		3	AGRY 10500 or HORT 10100	Crop Production or Fundamentals of Horticulture	
0.5	AGR 12000	Introduction to HLA Academic Programs		4	BTNY 11000	Introduction to Plant Science	
4	BIOL 11000	Fundamentals of Biology I		3	CHM 11200	General Chemistry II	CHM 11100
3	CHM 11100	General Chemistry		4	ENGL 10600	First-Year Composition	
3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation		3	SFS 21000	Small Farm Experience	
3	MA 16010	Applied Calculus I	ALEKS 75+				
<b>14</b>				<b>17</b>			

<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
3	ANSC 10200	Introduction to Animal Science		3	AGEC 20300	Introduction to Microeconomics	
3	SFS 21100	Small Farm Experience		3	AGRY 25500 or AGRY 27000	Soil Science or Forest Soils	
3	SFS 30200	Principles of Sustainability		3 or 4	BTNY 20700 or BIOL 22100	The Microbial World or Introduction to Microbiology	
3	-----	Agronomy/Horticulture Selective		3	SFS 30100	Agroecology	
3	-----	Systems Modules Selective		3	-----	Systems Modules Selective	
<b>15</b>				<b>15-16</b>			

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
3	AGR 20100	Communicating across Cultures		3	AGRY 32000	Genetics	
4	ANSC 23000 or HORT 30100	Physiology of Domestic Animals or Plant Physiology		3	STAT 30100	Elementary Stat Methods	
3	-----	Pest Management Selective		3	-----	Animal Science Selective	
3	-----	Soil Science Selective		3	-----	Pest Management Selective	
3	-----	UCC Humanities Selective		3	-----	Humanities or Social Science Selective	
<b>16</b>				<b>15</b>			

<b>Summer Session</b>		
0	SFS 35000	Summer Small Farm Internship

<b>Fall 4th Year</b>			<b>Spring 4th Year</b>		
1	SFS 35100	SFS Capstone Project	6	-----	Ecology/Environment Selectives
3	-----	Business Management Selective	3	-----	Food Science Selective
3	-----	Economics Selective	3	-----	Humanities or Social Science Selective
3	-----	Humanities or Social Science Selective (30000+ level)	3	-----	Elective
3	-----	Elective			
<b>13</b>			<b>15</b>		

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The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

**Consultation with an advisor may result in an altered plan customized for an individual student.**