

Sustainable Agriculture and Food Systems  
**Core Subject Matter Requirements**

<u>Core Courses</u> (24-26 Units)		<u>Prerequisites</u>	<u>Quarter(s)</u>	<u>Units</u>	<u>Completed</u>
<b><u>Plant Sciences</u></b>					
PLS 15	Introduction to Sustainable Agriculture		I	4	_____
PLS 190	Seminar on Alternatives in Agriculture	Upper-div or consent of instructor	II	2	_____
<b><u>Community and Regional Development</u></b>					
CRD 20	Food Systems		I	4	_____
<b><u>Agricultural and Resource Economics</u></b>					
ARE 121	Economics of Agricultural Sustainability	ECN 1A	I	4	_____
<b><u>Environmental and Science Policy</u></b>					
ESP 191A	Workshop on Food System Sustainability	PLS 15, CRD 20, ARE 121, PLS 150, or consent	II	3	_____
ESP 191B	Workshop on Food System Sustainability	PLS 15, CRD 20, ARE 121, PLS 150, ESP 191A	III	3	_____
<b><u>Choose one:</u></b>					
PLS 150	Sustainability and Agroecosystem Management	SSC 10, CHE 2A, PLS 2, BIS 1C or 2C	III	4	_____
ANS 112	Sustainable Animal Agriculture	ANS 1 or BIS 2B. STA 100 or PLS 120 rec	III	3	_____
<b><u>Applied Production</u></b> (6-9 Units)					
<b><i>(choose one below)</i></b>					
PLS 49	Organic Crop Production Practices		I, III	3	_____
VEN 101A	Viticultural Practices	VEN 2	I, II, III	3	_____
ENH 120	Management of Container Media	SSC 10	I	3	_____
<b><i>(choose one below)</i></b>					
ANS 49 A-J	Animal Management Practices		I,II,III	2	_____
ANS 41L	Domestic Animal Production Laboratory	ANS 41	I, II	2	_____
<b><i>(choose one below)</i></b>					
ABT 49	Field Equipment Operation		III	2	_____
ABT 52	Field Equipment Welding	ABT 16 or consent of instructor	I, II	2	_____
ABT 101	Engine Technology	Upper-div or consent of instructor	II	3	_____
ABT 142	Equipment and Technology for Small Farms		III	2	_____
FST 50	Introduction to Food Preservation	CHE 2A, BIS 2A, STA 13 (can be concurrent)	I	3	_____

Sustainable Agriculture and Food Systems  
ALL TRACKS  
**Preparatory Subject Matter Requirements**

<u>Preparatory Subject Matter</u>	<u>Quarter(s) Offered</u>	<u>Units</u>	<u>Completed</u>	<u>Notes</u>
<b>Chemistry</b>				
CHE 2A      General Chemistry	I, II, IV	5	_____	_____
<b>Plant Sciences</b>				
PLS 2        Botany and Physiology of Cultivated Plants	I, II	4	_____	_____
<b>Food Science</b>				
FST 1        Principles of Food Science	III	3	_____	_____
<b>Economics</b>				
ECN 1A      Principles of Microeconomics	I, II,IV	4	_____	_____
<b>Community and Regional Development</b>				
CRD 1        The Community	I, II	4	_____	_____
<b>Philosophy (Choose one)</b>				
PHI 14       Ethical and Social Problems in Contemporary Society	III	4	_____	_____
PHI 15       Introduction to Bioethics	I, IV	4	_____	_____
PHI 24 †     Introduction to Ethics and Political Philosophy	II, IV	4	_____	_____
<b>Communications</b>				
CMN 1       Introduction to Public Speaking	I, II, III, IV	4	_____	_____

**Note:** Students graduating with this major are required to attain at least a C average (2.0 GPA) in all courses taken at the university in Depth Subject Matter *and* pass all coursework. All major courses *must* be taken for a letter grade. See requirements of the College of Agriculture & Environmental Science in the UC Davis General Catalog. Must take 39 units/year or 13 units/quarter for “Minimum Progress.” See requirements of the College of Agriculture & Environmental Science in the UC Davis General Catalog.

\*Offered odd years, \*\*=offered even years, † =future availability unknown  
I=Fall Quarter, II=Winter Quarter, III=Spring Quarter, IV=Summer Session

**Major requirements also include completion: 8 internship units, 20 upper division units of Restricted Electives!**