

# AGRICULTURAL SYSTEMS & ENVIRONMENT, MINOR

## College of Agricultural & Environmental Sciences

Advising is located in 1220 Plant & Environmental Sciences; 530-752-1715; Undergraduate Minors (<https://www.plantsciences.ucdavis.edu/undergraduate/undergraduate-minors/>)

## Minor Advisor

Thomas M. Gradziel (<https://www.plantsciences.ucdavis.edu/people/thomas-gradziel/>) (Plant Sciences)

Code	Title	Units
<b>Preparatory Material</b>		
<i>Statistics</i>		
Choose one:		4-5
STA 013	Elementary Statistics	
STA 032	Gateway to Statistical Data Science	
STA 100	Applied Statistics for Biological Sciences	
PLS 120	Applied Statistics in Agricultural Sciences	
<i>Plant Science</i>		
Choose one:		4
PLS 002	Botany & Physiology of Cultivated Plants	
Completion of BIS requirement. <sup>1</sup>		
<b>Total Units</b>		<b>8-9</b>

<sup>1</sup> Completion of the following fulfills this requirement:

- BIS 002A
- BIS 002B
- BIS 002C

Code	Title	Units
<b>Agricultural Systems &amp; Environment Minor</b>		
Choose one of the two following tracks:		18-20
Sustainable Agriculture Track (p. 1)		
Range & Natural Resources Track (p. 1)		
<b>Total Units</b>		<b>18-20</b>

## Sustainable Agriculture Track

Code	Title	Units
PLS 150	Sustainability & Agroecosystem Management	4
SSC 100	Principles of Soil Science	5
Choose one:		3-5
PLS 105	Concepts in Pest Management	
PLS 176	Introduction to Weed Science	
ENT 110	Arthropod Pest Management	
Choose a minimum of 6 units:		6
PLS 112	Forage Crop Production	
PLS 113	Biological Applications in Fruit Tree Management	

PLS 114	Biological Applications in Fruit Production	
PLS 170A	Fruit & Nut Cropping Systems	
PLS 170B	Fruit & Nut Cropping Systems	
<b>Total Units</b>		<b>18-20</b>

## Range & Natural Resources Track

Code	Title	Units
PLS 130	Rangelands: Ecology, Conservation & Restoration	3
Choose a minimum of 15 units:		15
PLS 112	Forage Crop Production	
PLS 131	Identification & Ecology of Grasses	
PLS 135	Ecology & Community Structure of Grassland & Savannah Herbivores	
PLS 150	Sustainability & Agroecosystem Management	
PLS 163	Ecosystem & Landscape Ecology	
ESP 123	Introduction to Field & Laboratory Methods in Ecology	
ESP 172	Public Lands Management	
WFC 110	Biology & Conservation of Wild Mammals	
WFC 151	Wildlife Ecology	
<b>Total Units</b>		<b>18</b>