

AGRICULTURAL SYSTEMS & ENVIRONMENT, MINOR

College of Agricultural & Environmental Sciences

Minor Advisor

Advising is located in 1220 Plant & Environmental Sciences; Undergraduate Minors (<https://www.ucdavis.edu/academics/minors/>)

Plant Sciences Advising (<https://www.plantsciences.ucdavis.edu/academics/undergraduate/programs/>); plsadvising@ucdavis.edu

Successful completion of the minor requires the following:

- All courses must be taken for a letter grade.
- Minimum overall GPA of 2.000.
- No more than one course can be counted towards both the student's major and the minor.

Preparatory Material

Code	Title	Units
<i>Statistics</i>		
Choose one:		4-5
STA 013	Elementary Statistics	
or STA 013Y	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:		4-15
Completion of BIS requirement.		
BIS 002A & BIS 002B & BIS 002C	Introduction to Biology: Essentials of Life on Earth and Introduction to Biology: Principles of Ecology & Evolution and Introduction to Biology: Biodiversity & the Tree of Life	
PLS 002	Botany & Physiology of Cultivated Plants	
Total Units		8-20

Minor

Code	Title	Units
<i>Areas of Specialization</i>		
Choose one of the two following tracks:		18-20
Sustainable Agriculture Track (p. 1)		
Range & Natural Resources Track (p. 1)		
Total Units		18-20

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	
Total Units		18-20

Range & Natural Resources Track

Code	Title	Units
PLS 130	Grassland Ecology	3
Choose a minimum of 15 units:		15
ESP 123	Introduction to Field & Laboratory Methods in Ecology	
ESP 172	Public Lands Management	
PLS 112	Forage Crop Production	
PLS 131	(Discontinued)	
PLS 135	(Discontinued)	
PLS 150	Sustainability & Agroecosystem Management	
PLS 163	Ecosystem & Landscape Ecology	
WFC 110	Biology & Conservation of Wild Mammals	
WFC 151	Wildlife Ecology	
Total Units		18