

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 013V		
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 for summer 2023) **	
PLS 135	(Discontinued for winter 2024) **	
PLS 150	Sustainability & Agroecosystem Management	
PLS 163	Ecosystem & Landscape Ecology	
WFC 110	Biology & Conservation of Wild Mammals	
WFC 151	Wildlife Ecology	
Total Units		18

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Course(s) discontinued; see your advisor for course options.