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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>STA 013</td>
<td>Elementary Statistics</td>
<td>4-5</td>
</tr>
<tr>
<td>or STA 013Y</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>STA 032</td>
<td>Gateway to Statistical Data Science</td>
<td></td>
</tr>
<tr>
<td>STA 100</td>
<td>Applied Statistics for Biological Sciences</td>
<td></td>
</tr>
<tr>
<td>PLS 120</td>
<td>Applied Statistics in Agricultural Sciences</td>
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Preparatory Material

Statistics

Choose one:

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Plant Science

Choose one:

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<tr>
<td>PLS 002</td>
<td>Botany &amp; Physiology of Cultivated Plants</td>
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Completion of BIS requirement: 1

Total Units 8-9

1 Completion of the following fulfills this requirement:
   • BIS 002A
   • BIS 002B
   • BIS 002C

Agricultural Systems & Environment Minor

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>PLS 150</td>
<td>Sustainability &amp; Agroecosystem Management</td>
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<tr>
<td>SSC 100</td>
<td>Principles of Soil Science</td>
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Choose one:

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<tbody>
<tr>
<td>PLS 105</td>
<td>Concepts in Pest Management</td>
<td>3-5</td>
</tr>
<tr>
<td>PLS 176</td>
<td>Introduction to Weed Science</td>
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<tr>
<td>ENT 110</td>
<td>Arthropod Pest Management</td>
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Choose a minimum of 6 units:

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<tbody>
<tr>
<td>PLS 112</td>
<td>Forage Crop Production</td>
<td>6</td>
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Total Units 18-20

Range & Natural Resources Track

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<tr>
<td>PLS 130</td>
<td>Rangelands: Ecology, Conservation &amp; Restoration</td>
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Choose a minimum of 15 units:

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<th>Units</th>
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<tbody>
<tr>
<td>PLS 112</td>
<td>Forage Crop Production</td>
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</tr>
<tr>
<td>PLS 131</td>
<td>Identification &amp; Ecology of Grasses</td>
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<tr>
<td>PLS 135</td>
<td>Ecology &amp; Community Structure of Grassland &amp; Savannah Herbivores</td>
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<tr>
<td>PLS 150</td>
<td>Sustainability &amp; Agroecosystem Management</td>
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</tr>
<tr>
<td>PLS 163</td>
<td>Ecosystem &amp; Landscape Ecology</td>
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<tr>
<td>ESP 123</td>
<td>Introduction to Field &amp; Laboratory Methods in Ecology</td>
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<tr>
<td>ESP 172</td>
<td>Public Lands Management</td>
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<tr>
<td>WFC 110</td>
<td>Biology &amp; Conservation of Wild Mammals</td>
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<tr>
<td>WFC 151</td>
<td>Wildlife Ecology</td>
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Total Units 18