# Plant Protection Minor

**Required Courses**
Advanced versions of the following courses may be substituted by production majors.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEPS 120</td>
<td>Principles of Horticulture and Crop Science</td>
<td>4</td>
</tr>
<tr>
<td>or BOT 121</td>
<td>General Botany</td>
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<tr>
<td>AEPS 313</td>
<td>Agricultural Entomology</td>
<td>4</td>
</tr>
<tr>
<td>AEPS 321</td>
<td>Weed Biology and Management</td>
<td>4</td>
</tr>
<tr>
<td>AEPS 323</td>
<td>Plant Pathology</td>
<td>4</td>
</tr>
</tbody>
</table>

**Courses in area of emphasis**
Students elect one Emphasis based on their major. 12

### Emphasis I: for Plant Production Majors
For majors in: Agricultural and Environmental Plant Sciences, Forestry and Natural Resources (Forestry Concentration), and Wine and Viticulture.

- AEPS 327 Vertebrate Pest Management
- AEPS 406 Advanced Weed Management
- AEPS/WVIT 414 Grape Pest Management
- AEPS 427 Disease and Pest Control Systems for Ornamental Plants
- AEPS 431 Insect Pest Management
- AEPS 441 Biological Control for Pest Management

### Emphasis II: for Non-Plant Production Majors
Select 8 units of specified agriculture production courses from the following: 1

- AEPS 123 Landscape Installation and Maintenance
- AEPS 124 Plant Propagation
- AEPS 132 Pomology I
- AEPS 133 Pomology II
- AEPS 150 Forage Crops
- AEPS 175 Beekeeping
- AEPS 190 California Vegetable Production
- AEPS 202 Fruit Enterprise Project
- AEPS 203 Organic Enterprise
- AEPS 204 Vegetable Enterprise Project
- AEPS 212 Environmental Horticulture Enterprise Project I
- AEPS 230 Environmental Horticulture
- AEPS 233 Plant Materials I
- AEPS 234 Plant Materials II
- AEPS 240 Commercial Seed Production
- AEPS 244 Precision Farming
- AEPS 245 Horticultural Production Techniques
- AEPS 250 California Fruit Growing
- AEPS 260 Introduction to Vegetable Science
- AEPS 312 Environmental Horticulture Enterprise Project II
- AEPS 324 Interior Plant Management
- AEPS 333 Greenhouse Vegetable Production
- AEPS 340 Principles of Greenhouse Environment
- AEPS 341 Cut Flower Production
- AEPS 342 Potted Plant Production
- AEPS 343 Turfgrass Management
- AEPS 355 Citrus and Avocado Fruit Production
- AEPS 381 Native Plants for California Landscapes
- AEPS 382 Restoration Horticulture
- AEPS 402 Fruit Enterprise Project Management
- AEPS 403 Organic Enterprise Project Management
- AEPS 404 Vegetable Enterprise Project Management
- AEPS 423 Advanced Vegetable Science
- AEPS 424 Nursery Crop Production
- AEPS 425 Arboriculture
- AEPS 433 Golf Course Management Operations
- AEPS 445 Cropping Systems
- AG 360 Holistic Management
- ASCI 112 Principles of Animal Science
- ASCI 311 Advanced Beef Cattle System Management
- ASCI 329 Principles of Range Management
- DSCI 230 General Dairy Husbandry
- DSCI 333 Dairy Animal Health, Safety and Applied Technology
- NR 141 Introduction to Forest Ecosystem Management
- NR 260 Forest Practices and Environmental Protection
- NR 350 Urban Forestry
- NR 365 Silviculture and Vegetation Management
- NR 414 Sustainable Forest Management
- WVIT/AEPS 210 Viticultural Practices
- WVIT 232 Basic Viticulture
- WVIT 331 Advanced Viticulture - Fall
- or WVIT 332 Advanced Viticulture - Winter
- or WVIT 333 Advanced Viticulture - Spring

Select 4 units from the following: 1

- AEPS 327 Vertebrate Pest Management
- AEPS 406 Advanced Weed Management
- AEPS 414 Grape Pest Management
- AEPS 427 Disease and Pest Control Systems for Ornamental Plants
- AEPS 431 Insect Pest Management
- AEPS 441 Biological Control for Pest Management

**Total units** 28

1 Approval of minor advisor required.