A Horticulture minor is useful for students with an interest in gardening or who plan to seek employment in areas of fruit, vegetable, and ornamental crop production, marketing, management, etc., where decision making requires a basic understanding of plant growth and development as well as fundamental techniques for growing plants. Students taking this minor will gain insights into the environmental, genetic, and cultural factors that influence plant productivity. Such insights will enable the student to anticipate plant response under specific production regimes or environmental conditions.

A Horticulture minor consists of 13-15 hours selected as follows (at least 6 credits must be taken at the 3000 level or higher):

**Required: 7 hours**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCS 2201</td>
<td>Ecology of Managed Plant Systems</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCS 2202</td>
<td>Form and Function in Cultivated Plants</td>
<td>4</td>
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<tr>
<td>and</td>
<td></td>
<td></td>
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<tr>
<td>HCS 3320</td>
<td>Plant Propagation</td>
<td>3</td>
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</tbody>
</table>

**Required Electives: 6-8 hours**

Production Systems (at least 4 credit hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCS 2305</td>
<td>Organic Gardening</td>
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<tr>
<td>HCS 2306</td>
<td>Sustainable Vegetable Practicum</td>
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<tr>
<td>HCS 3470</td>
<td>Principles of Turfgrass Selection and Management</td>
<td>3</td>
</tr>
<tr>
<td>HCS 3521</td>
<td>Basic Greenhouse Production</td>
<td>2</td>
</tr>
<tr>
<td>HCS 3522</td>
<td>Sustainable Irrigation &amp; Fertigation Practices</td>
<td>2</td>
</tr>
<tr>
<td>HCS 5450</td>
<td>Vegetable Crop Production and Physiology</td>
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</tr>
<tr>
<td>HCS 5460</td>
<td>Fruit Crop Physiology and Production</td>
<td>3</td>
</tr>
<tr>
<td>HCS 5521</td>
<td>Sustainable Greenhouse Production</td>
<td>3</td>
</tr>
<tr>
<td>HCS 5533</td>
<td>Nursery Management</td>
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</tbody>
</table>

Other electives (choose at least 2 credit hours)

- HCS 2201 Ecology of Managed Plant Systems *(if not taken above)*
- HCS 2202 Form and Function in Cultivated Plants *(if not taken above)*
- HCS 2340 Landscape Plants I
- HCS 3401.01 Floriculture Industry
- HCS 3401.02 Environmental Horticulture Organizations
- HCS 3380 Latino Workforce in Land-Based Industries
- HCS 3488.01 Professional Development in SPS
- HCS 4193 Individual Studies
- HCS 5193 Individual Studies
- HCS 5422 Principles of Weed Ecology and Management
- HCS 5797 Study Abroad

**Restrictions and General Information**

1. This minor is not available to students majoring in Sustainable Plant Systems.
2. A minor should be declared by the time a student accumulates 60 hours.
3. A minimum 2.00 cumulative point-hour ratio is required in the minor course work; and a minimum grade of a C- is required for each course used to complete the minor.
4. A student is permitted to overlap up to 6 credit hours between the GE and the minor.
5. The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e. if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
6. The minor must include at least 6 hours of upper-level or upper-division course work (3000 or above).
7. Course work graded Pass/Non-Pass cannot count in the minor, and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.
8. No more than 3 credit hours of xx93 may count toward the minor.
9. A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.