

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: 4 hours

| | | | Credit Hours |
|-----------|------|--|---------------------|
| HCS | 2201 | Ecology of Managed Plant Systems | 4 |
| or | | | |
| HCS | 2202 | Form and Function in Cultivated Plants | 4 |

Required Electives: 9-11 hours

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| HCS | 2201 | Ecology of Managed Plant Systems (<i>if not taken above</i>) | 4 |
| HCS | 2202 | Form and Function in Cultivated Plants (<i>if not taken above</i>) | 4 |
| HCS | 2305 | Organic Gardening | 1 |
| HCS | 2306 | Sustainable Vegetable Practicum | 3 |
| HCS | 2340 | Landscape Plants I | 3 |
| HCS | 2410 | Understanding Constructed Landscapes | 3 |
| HCS | 3320 | Plant Propagation | 3 |
| HCS | 3334 | Sustainable Landscape Maintenance Practices | 2 |
| HCS | 3380 | Latino Workforce in Land-Based Industries | 2 |
| HCS | 3401.01 | Floriculture Industry | 1 |
| HCS | 3401.02 | Environmental Horticulture Organizations | 1 |
| HCS | 3420 | Seed Science | 3 |
| HCS | 3470 | Principles of Turfgrass Selection and Management | 3 |
| HCS | 3521 | Basic Greenhouse Production | 2 |
| HCS | 3522 | Sustainable Irrigation & Fertilization Practices | 2 |
| HCS | 4189 | Professional Development | 1 |
| HCS | 4560 | Creating a Virtual Perspective | 3 |
| HCS | 5422 | Principles of Weed Ecology and Management | 3 |
| HCS | 5450 | Vegetable Production | 3 |
| HCS | 5460 | Fruit Crop Physiology and Production | 3 |
| HCS | 5521 | Sustainable Greenhouse Production | 3 |
| HCS | 5533 | Nursery Management | 3 |
| HCS | 5797.02 | Latinos In Land-based Industries | 3 |
| HCS | 5797.03 | Agriculture & Agro-Ecosystems of Chile | 3 |

Restrictions and General Information

1. This minor is not available to students majoring in Sustainable Plant Systems.
2. A minimum overall GPA for courses comprising the minor shall be 2.00
3. A minor should be declared at the time a student accumulates 60 hours.
4. A maximum of one course may overlap between the minor and the GE (Writing and Communication, Foreign Language, Literature, Visual and Performing Arts, Culture and Ideas, Historical Study, Quantitative Reasoning, Data Analysis, Natural Science, Social Science, Cross-Disciplinary Seminar, Service-Learning, Education Abroad).
5. Courses taken on a pass/non pass basis may not be applied to the minor.