



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 hours selected as follows (at least 6 credits must be taken at the 3000 level or higher):

<u>Required:</u>		<u>Credit Hours</u>
HCS 2204 & 2205 (or 2201)	Ecology of Managed Plant Systems & Laboratory	4
or HCS 2202	Form and Function of Cultivated Plants	
HCS 3200	Introduction to Horticulture	3

**Electives:**

Take at least 6 credit hours from the following list:

HCS 2300	Introduction to Hydroponics	1
HCS 2305	Organic Gardening	1
HCS 2306	Sustainable Vegetable Practicum	3
HCS 2401	Sustainable Landscape Design I	3
HCS 3220	Crop Origins and Diversity	2
HCS 3320	Plant Propagation	3
HCS 3380	Latino Workforce in Land Based Industries	2
HCS 3410	Sustainable Landscape Maintenance Practices	2
HCS 3488.01	Professional Development in Horticulture and Crop Science	1
HCS 3521	Greenhouse Systems and Management	2
HCS 4193 or 4998	Individual Studies or Undergraduate Research	1-2
HCS 5422* <sup>1</sup>	Biology and Management of Weeds and Invasive Plants	3
HCS 5450* <sup>2</sup>	Vegetable Crop Production and Physiology	3
HCS 5460* <sup>3</sup>	Fruit Crop Physiology and Production	3

\*<sup>1</sup> Requires HCS 3200 and BIO 1101, 1101E, 1113, 1113E, 1113H as prerequisites.

\*<sup>2</sup> Requires HCS 2201 or 2202 and CHEM 1110 or 1210, and BIO 1101, 1101E, 1113, 1113E, 1113H, or MOLGEN 1101 as prerequisites.

\*<sup>3</sup> Requires HCS 2201 or 2202 and BIO 1101, 1101E, 1113, 1113E, or 1113H as prerequisites.

**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.