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):

**Required (2-3 courses, 7 credit hours):**
1. HCS 2201 (4) or HCS 2202 (4), or both HCS 2204 (3) & HCS 2205 (1)
2. HCS 3200 (3)

**Electives: Take at least 6 credit hours**
HCS 2300 (1), 2305 (1), 2306 (3), 2401 (3), 3220 (2), 3320 (3), 3380 (2), 3410 (2), 3488.01 (1), 3521 (2), 4193 or 4998 (1-2), 5422* (3), 5450** (3), 5460*** (3)

*Requires HCS 3200 and BIO 1101, 1101E, 1113, 1113E, 1113H as prerequisites.
**Requires HCS 2201 or 2202 and CHEM 1110 or 1210, and BIO 1101, 1101E, 1113, 1113E, 1113H, or MOLGEN 1101 as prerequisites.
***Requires HCS 2201 or 2202 and BIO 1101, 1101E, 1113, 1113E, 1113H as prerequisites.

### Horticulture minor program guidelines

**Credit hours required** A minimum of 13 credit hrs. 1000 level courses shall not be counted in the minor. At least 6 credits must be upper-level courses as defined by the College of Food, Agricultural, and Environmental Sciences (3000 level or above).

**Transfer and EM credit hours allowed** A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

**Overlap with the GE** A student is permitted to overlap up to 6 credit hours between the GE and the minor.

**Overlap with the major and additional minor(s)**
- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minor(s).

**Grades required**
- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work.
- Course work graded Pass/Non-Pass cannot count in the minor.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

**X193 credits** No more than 3 credit hours.

**Minor approval** Not required as long as students complete the courses as indicated on the minor program description.

**Filing the minor program form** The minor program form must be filed at least by the time the graduation application is submitted to a college/school advisor.

**Changing the minor** Once the minor program is filed in the college office, any changes must be approved by filing a petition for change in the minor through the academic unit offering the minor.