

The Ohio State University  
College of Food, Agricultural, and Environmental Sciences

Controlled Environment Agriculture (CEA-MN)

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**Description:** A minor in Controlled Environment Agriculture (CEA) is useful for students in Agriculture and Biological Sciences who plan to seek employment in areas of horticulture and floriculture production, marketing, management, etc., where decision making requires an understanding of plant crop production in controlled environments. Students taking this minor will gain insights into the environmental and cultural factors that influence crop productivity. Such insights will enable the student to anticipate crop response under CEA production regimes.

**Prerequisites:** Biology 1101, 1113, 1113E, OR 1113H; all 4 credit hours

**Requirements and Responsibilities:** Students are responsible for planning their minor program to achieve a minimum of 13 hours. At least six (6) credits must be at the 3000 level or above.

**Required Courses (3 courses, 9 CH):**

1. HCS 2202 (4)
2. HCS 3310 (3)
3. HCS 3521 (2) or HCS 4300 (2)

**Select 4 Additional Hours From:**

HCS 3320 (3), HCS 3488.01 (1), HCS 3521 (2) (if not used above), HCS 4193 (1-2) or 4998 (1-2), HCS 4300 (2) (if not used above), HCS 4301 (1), HCS 4520 (2), HCS 5325 (3)

**This minor is not available to students majoring in Sustainable Plant Systems.**

**Farm Management 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 credit hours must be upper-level courses as defined by the College of Food, Agricultural, and Environmental Science.

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 distinct hours 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 of x193 may count toward the minor.

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.

College of Arts and Sciences  
Curriculum and Assessment Services  
306 Dulles Hall, 230 Annie & John Glenn Ave.  
<http://artsandsciences.osu.edu>  
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