

# Horticultural Science (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (<https://apps.oirp.ncsu.edu/pgas/>)!

## Description

The academic minor in Horticultural Science is offered to students who desire a strong foundation in the principles of horticultural science. Students may choose to enhance their own major by selecting courses in a specialized area of horticulture such as fruits and vegetables, ornamentals, floriculture, or landscape horticulture, or they may pursue a more general approach to the entire field of study.

## Admissions

Students may declare their desire to complete the Horticultural Science minor by contacting the Director of Undergraduate Programs as listed below

## Certification

The Director of Undergraduate Programs will certify the minor prior to graduation. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program. Paperwork for certification should be completed no later than during the registration period for the student's final semester at NC State.

## Coordinator

Dr. Helen T. Kraus (<https://cals.ncsu.edu/horticultural-science/people/htkraus/>)

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**SIS Code: 11HSM**

## Plan Requirements

- Completion of at least 16 credit hours.
- Student must have an overall minimum 2.0 GPA in the requirements for the minor.

| Code   | Title   | Hours | Counts towards |
|--|---|-------|----------------|
| <b>Required Courses (7 credit hours)</b>     |   |       |                |
| HS 201                                       | The World of Horticulture: Principles and Practices | 3     |                |
| HS 301                                       | Plant Propagation                                   | 4     |                |
| <b>Elective Courses (9 credit hours)</b>     |   |       |                |
| Choose three (3) courses from the following: |   | 9     |                |

|                    |   |
|--------------------|---|
| HS 200             | Home Horticulture   |
| HS 242             | Introduction to Small Scale Landscape Design              |
| HS 302             | Gardening with Herbaceous Perennials                      |
| HS 303             | Ornamental Plant Identification I                         |
| HS 304             | Ornamental Plant Identification II                        |
| HS 411             | Nursery Management  |
| HS 420             | Green Infrastructure                                      |
| HS 421             | Temperate-Zone Tree Fruits: Physiology and Culture        |
| HS 422             | Small Fruit Production                                    |
| HS 431             | Vegetable Production                                      |
| HS 432             | Introduction to Permaculture                              |
| HS 440             | Greenhouse Management                                     |
| HS 442             | Floriculture Crop Production                              |
| HS 451             | Plant Nutrition   |
| HS 462             | Postharvest Physiology                                    |
| HS 471             | Landscape Ecosystem Management                            |
| HS 475             | Horticulture Entrepreneurship                             |
| HS 476             | Crop Physiology and Production in Controlled Environments |
| <b>Total Hours</b> | <b>16</b>   |