

# HORTICULTURE, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

## What is Horticulture?

Horticulture is the art and science of growing plants. The Horticulture minor is designed to provide students with both an overview and in-depth understanding of the principles and practices of horticulture. This minor provides opportunities for students from all colleges to learn more about the science and art of horticultural plants and their productive uses. The range of courses allows considerable flexibility for students to tailor the minor to their particular needs. The Horticulture minor meets the increasing demand for a horticulture emphasis for related majors and offers a general education for those seeking to use the minor for its avocational appeal.

## You Might Like This Program If...

You want working knowledge of how to grow plants and to better understand the beneficial influences plants have on society (such as for food, esthetics, ecological, recreational, etc.). You have an interest in the horticulture field because it differs from botany in that it incorporates both science and aesthetics in the study of plants. It provides the perfect interface for students who wish to understand not only the science of plants but also the art of plant growing.

## Program Requirements

Requirement	Credits
Requirements for the Minor	18

The minor in Horticulture consists of a minimum of 18 credits.

## Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10>). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
<b>Prescribed Courses</b>		
<i>Prescribed Courses: Require a grade of C or better</i>		
HORT 101	Horticultural Science	3
HORT 202	Plant Propagation	3
HORT 315	Environmental Effects on Horticultural Crops	3
<b>Additional Courses</b>		
<i>Additional Courses: Require a grade of C or better</i>		
Select 3 credits in systematics of the following:		3
HORT 131	Herbaceous Perennial and Annual Identification	
HORT 137	Ornamental Plant Materials	
HORT 138	Ornamental Plant Materials	
HORT 232	Horticultural Systematics	
Select 6 credits in foundation and production courses of the following:		6
HORT 402W	Plant Nutrition	

HORT 407	Plant Breeding
HORT 412W	Post-Harvest Physiology
HORT 420	
HORT 431	Small Fruit Culture
HORT 432	Deciduous Tree Fruits
HORT 433	Vegetable Crops
HORT 453	Flower Crop Production and Management
HORT 455	Retail Horticulture Business Management
HORT 459	Plant Tissue Culture and Biotechnology

## Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/>)

## University Park

**Tarah Geszvain**  
Academic Adviser  
117 Tyson Building  
University Park, PA 16802  
814-863-6087  
thg110@psu.edu

## Career Paths

Career opportunities exist in marketing and sales, plant health and protection, public gardens and arboretums, greenhouse and nursery production and management, cooperative extension, farm management, and with government or non-government agencies.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://plantscience.psu.edu/graduate/>)

## Contact

### University Park

DEPARTMENT OF PLANT SCIENCE  
101 Tyson Building  
University Park, PA 16802  
814-865-2571

<https://plantscience.psu.edu/about/contact> (<https://plantscience.psu.edu/about/contact/>)