



Horticulture

Highlights

Undergraduate research
Student organizations
Hands-on experience

What will you be?

Arboretum director
Athletic field manager
Botanic garden director
Business sales representative
Extension specialist
Fruit or vegetable grower
Golf course superintendent
Greenhouse manager
Horticulture teacher
Lawn management specialist
Nursery manager
Plant inspector
Plant research specialist
Sod farm manager
Urban horticulturist
Zoo horticulturist



Horticulture is much more than just home gardening! The world production of fruits and vegetables exceeds 2.5 billion metric tons. If someone lined up, end-to-end, the container ships needed to carry this production, they would stretch from Brisbane, Australia, continuously to Los Angeles, California.

Horticulture is the art, science and technology used to produce specialty crops for food and beautification of the environment. Plants generally considered part of horticulture include fruits and nuts, vegetables, herbaceous and woody ornamentals (flowers, trees, shrubs and vines), herbs, spices, medicinal plants and turfgrasses.

Within horticulture, you have the option to select a predefined emphasis area or work with your faculty adviser to customize your plan of study. These options include:

Horticultural Business

Prepares students for entry into a horticultural business enterprise with a choice between three built-in minors: agricultural economics, entrepreneurship or general business.

Public Horticulture

Emphasizes the design, installation and management of horticultural plantings in public spaces, including arboreta and municipalities. Choose between two areas of emphasis: public garden management or urban horticulture.

Horticultural Science

Emphasizes both the “why” and “how” of horticultural science, including topics such as genetics and plant physiology.

Turf Management

Prepares students for production and management of turfgrass in settings including golf courses, parks, athletic fields, landscapes and roadsides.



Scholarship Dollars

The Department of Horticulture and Landscape Architecture awards more than **\$80,000** in scholarships to students in the department. Last year, CASNR awarded an additional **\$460,000** to students within the college.



Why Study Horticulture?

Horticulture applies knowledge from biology and various other fields of science, combined with creative artistic and technical skills, to improve the production and use of intensively-cultivated, high-value specialty crops. Horticultural plants provide ecosystem services and contribute to human physical and emotional health, thus enhancing the quality of our lives. Combining the knowledge of basic sciences with elements of design and beauty, horticulture includes people with a broad range of interests.

Unique Classes

All horticulture majors complete a real-world internship prior to graduation. Hands-on laboratories are included in many courses, and students in this program have the unique advantage of utilizing the Botanic Garden at OSU and the Water Conservation and Irrigation Training Center. OSU's horticulture curriculum is further enriched by online courses shared through a consortium that includes OSU and three other land-grant universities in the region.

Fast Fact: *There are more horticulture jobs available than there are degreed professional horticulturists.*

Alumni Spotlight

Kyle Waters

Bachelor of Science in Horticulture, 2003

A former Stillwater resident and horticulture student, Kyle Waters, is the Assistant General Manager for the Stub Hub Center home of the LA Galaxy soccer club. The LA Galaxy soccer club is a 250-acre multi-sports facility in Carson, California.

Paul Redman

Bachelor of Science; Master of Science in Horticulture, 1994

Since 2006, Redman has served as the Executive Director of Longwood Gardens in Kennett Square, Pennsylvania. Redman oversees all aspects of the 1,077-acre display garden, including its 400 full- and part-time employees, more than 800 volunteers, and a \$50 million annual budget. Considered one of the world's premier horticultural display gardens, Longwood welcomes more than one million guests each year.

CASNR Fast Facts

>>> **Faculty Advising** <<<

40+

Student Organizations

\$1.4

Million in
Scholarships
each year

13:1

Student to Faculty Ratio

**45 States
Represented**

4 out of 15

OSU Outstanding Seniors

Expanding Minds, Inspiring Purpose

College of Agricultural Sciences & Natural Resources

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