



# HORTICULTURE

where are you **GOING?**

## what is horticulture?

Horticulture is the art, science and technology used to produce fruits, nuts, vegetables, flowers, trees, shrubs and turfgrass for food and beautification of the environment. The OSU Horticulture program addresses these various aspects of the profession through courses which provide theoretical knowledge and technical skills, including special problem research opportunities. Students majoring in Horticulture at OSU can choose to specialize their degree in one of three options: Horticulture, Turf Management or Public Horticulture. These options are outlined below.

## horticulture option

The Horticulture option is flexible. Students can sample courses from a variety of horticultural disciplines or choose to concentrate courses in one of these specializations.

### **Floriculture Production, Design, and Marketing**

Floriculture products account for more than \$3.5 billion in wholesales annually in the United States. Careers include production and marketing of flowering and foliage plants, cut flowers and cut greens in a greenhouse or field, as well as utilization of these products by professionals in landscape design and floral design.

### **Nursery Production and Marketing**

The value of the nursery industry is more than \$10 billion in the United States alone. Oklahoma is home to some large production nurseries which distribute nationally. Careers include propagation, production and sales of containerized, bare root, or balled and burlapped trees, shrubs, vines and ground covers.

### **Fruit, Nut, and Vegetable Production and Marketing**

The annual value of commercial vegetable production exceeds \$14 billion in the United States alone. Nationally, Oklahoma is the second largest producer of native pecans and the fourth largest producer of cultivated pecan varieties, with production of more than 40,000 managed acres. Careers include production and marketing of fruits, nuts and vegetables; technical services; and food processing.

## public horticulture option

A relatively new term, public horticulture, refers to the design, installation and management of horticultural plantings in public spaces usually associated with not-for-profit organizations such as arboreta, botanical gardens and zoos. OSU is home to such an organization - the statewide Oklahoma Botanical Garden and Arboretum system, including the Headquarters Gardens located at the edge of the campus in Stillwater. The Department of Horticulture and Landscape Architecture at Oklahoma State University is one of only a few schools in the United States to offer a B.S. degree with a recognized option in Public Horticulture.

## turf management option

The Turf Management option prepares undergraduates for challenging careers in turfgrass management or for advanced studies in turfgrass science. A strong foundation in basic sciences, plant sciences, communications, mathematics and humanities provides a well-rounded education and prepares students to solve problems creatively. Nearly 100 percent of graduating turfgrass specialists at OSU and across the nation, accept positions in the turfgrass industry shortly after graduation.

## teaching, reseach and extension

Colleges, universities and industries across the United States provide opportunities for horticulture graduates to pursue scholarly activities in teaching, research and/or extension. Many of these careers require advanced degrees. Please contact the department for information about our graduate degree programs.

## for more information

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Check us out on the Web at [www.casnr.com](http://www.casnr.com)

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# roads TRAVELED



Horticulture Alumni Profile:

## Name:

Tim Endicott  
San Juan, Puerto Rico

## Current Occupation:

Arborist Division Manager

## Tim's Story:

An education from CASNR can take you anywhere.

Tim Endicott knows this well. His Horticulture degree has taken him from the Southern Hills Country Club in Tulsa to a career at Pennock Growers in San Juan, Puerto Rico.

In his current position as a Arborist Division Manager, Tim manages and works with the arborist trimming crew, consults with clients, promotes and advertise services, and designs and implements strategies for nursery product pruning guidelines.

"I have been passionate about horticulture and the tree care business for several years," Tim said. "My current position is an excellent opportunity for me to learn the private business aspect before starting my own company in the future."

Tim says there are many specific skills that are necessary for a job like his.

"Willingness to perform labor with employees, passion for the industry, communication skills, management skills and decisiveness for making decisions on the spot are important," Tim said.

Tim advises that students interested in entering his profession focus on their education.

"While attending OSU, I was focused and school was my job," Tim said. "This path has prepared me well for early success in my field."

If you have a growing interest in a profession like Tim's, a major in Horticulture might be right for you.

## which PATH are you taking?

### Careers for Horticulture Graduates:

- Greenhouse Manager
- Floral Crop Grower or Marketer
- Floral Shop Manager or Designer
- Seed and Bulb Sales
- Nursery Worker or Manager
- Plant Propagator
- Nursery Sales Representative
- Nursery Inspector
- Garden Center Manager
- Arborist
- Urban Horticulturist
- Park Horticulturist
- Golf Course Superintendent
- Home and Commercial Lawn Care
- Sod Grower
- Fruit and Vegetable Grower
- Teacher and/or Researcher
- Extension Specialist
- Plant Breeder
- Fertilizer or Chemical Sales

Oklahoma State University  
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## MILE MARKERS

### Enrollment:

- 80 Students

### Study Options:

- Horticulture
- Public Horticulture
- Turf Management

### Facilities

- The OSU Botanical Garden and a teaching greenhouse complex provide facilities and plant collections to support student studies
- The department maintains its own computer lab with newly upgraded equipment and 24-hour access.

### Internships:

- All horticulture majors complete an internship prior to graduation
- Some internship locations have included Walt Disney World, Southern Hills Country Club, and Greenleaf Nursery Company

### Student Organizations:

- Horticulture Club
- Floriculture Crop Judging and Design Team
- Pi Alpha Xi
- Turf Club

### For More Information:

- [www.casnr.com](http://www.casnr.com)