

Horticulture Bachelor's Degree Program

Kansas State University





Learning Objectives

Students will :

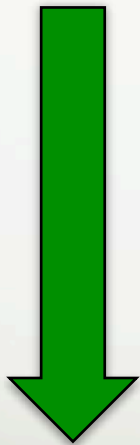
Be able to describe the programs options in a university horticulture bachelor's program; Kansas State University as an example



When considering a profession...

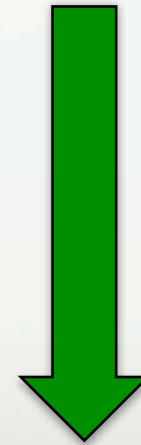
Would you prefer to be...

Working outdoors?



Horticulture and Plant
Science career opportunities
for you!

Working indoors?



Horticulture and Plant
Science career opportunities
for you!

K-State Horticulture Program

Horticulture Bachelor's Degree at Kansas State University



Specialization Areas

- Landscape Horticulture
- Production Horticulture
 - Horticulture Science
- Golf Course and Sports Turf Operations

Major Goals for our teaching, research, and extension programs

- sustainable **production of horticultural food** and specialty crops
- identification of **turf and ornamental landscape plants** and management practices that **conserve water** and reduce other resource inputs
 - improved plant **resistance to environmental stresses**
- augmentation of **health-promoting phytochemicals** in food crops
- enhanced **post-harvest handling** and microbial **safety** of fresh produce



K-State Horticulture Program

Landscape Horticulture

Landscape design courses and experiences



K-State Horticulture Program

Landscape Horticulture

Experience with
Ornamental Horticulture



Botanica in Wichita, KS

K-State Horticulture Program

Landscape Horticulture

Landscape maintenance and
irrigation installation



K-State Horticulture Program

Horticulture Production

Floriculture and Plant Production



K-State Horticulture Program

Horticulture Production

Floriculture, Cut Flowers, and Floral Design



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Horticulture Production

Greenhouse and Nursery Production



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Horticulture Production

Technology—Food Production and LED lighting



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Horticulture Production

Fruits, Vegetables, Nut Crops



K-State Horticulture Program

Horticulture Production

Hemp



K-State Olathe

K-State Horticulture Program

Golf Course and Sports Turf Management

Turfgrass courses and industry
experiences, both local and nationally



K-State Horticulture Program

Golf Course and Sports Turf Management

Experience in sports turf areas, including courses and local and regional exposure to professional sports venues



K-State Horticulture Program

Golf Course and Sports Turf Management

Significant focus on business, hospitality, and communications in the program.



K-State Horticulture Program

Horticulture Science

Science and research focused experiences



K-State Horticulture Program

Horticulture Science

Increasing the content both for health and pharmaceutical value

Lycopene in Tomatoes



K-State Horticulture Program

Scholarships

Over \$50,000 in University and College of Agriculture Scholarships in 2020

Over \$90,000 in non-university scholarship sponsored by industry groups and private organizations in 2020!



K-State Horticulture Program

Department Highlights

SMALL Classes and Laboratory
Settings

Faculty to Student Ratio: 17:1



K-State Horticulture Program

Department Highlights

Award Winning Faculty
Local, State, Regional, National,
and International recognitions



K-State Horticulture Program

Department Highlights



Real-world, hands-on, practical experiences

K-State Horticulture Program



Undergraduate Research Opportunities

K-State Horticulture Program

Student Clubs



Horticulture Club
Willow Lake Student Farm Club
National Collegiate Landscape Competition
Golf Course Superintendents Association of America

K-State Horticulture Program

Study Abroad Opportunities



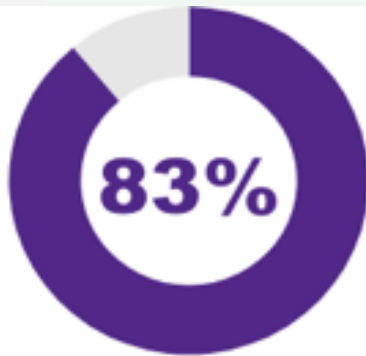
Netherlands, Belgium, Luxembourg, and France 2019

K-State Horticulture Program

Department Highlights

High Job Placement

Many students have more than one offer upon graduation



of graduates
are employed
or furthering
education



K-State Horticulture Program

Great hands-on Learning Facilities



KSU Gardens



Willow Lake
Student Farm



Rocky Ford Turfgrass Plots

For additional information:

- Talk to your teacher!
- Talk to your guidance counselor!
- Visit campus!
- Visit the Horticulture and Natural Resources Homepage
 - www.hnr.k-state.edu



The screenshot shows the homepage of the Kansas State University Horticulture and Natural Resources department. The header features the university's name and a search bar. Below the header is a navigation menu with options for About, Undergraduate, Graduate, Extension, and Research. The main content area includes a welcome message, a news section, and a live-stream link for the Corpse Flower. A sidebar on the left contains links for News, People, Alumni & Friends, Instructional Resources, Employment, Events, University Gardens, Diversity, and Contact. A sidebar on the right contains links for Why Choose a HNR Major?, Horticulture, Park Management & Conservation, Wildlife & Outdoor Enterprise Management, Events, and Quick Links.



@KStateHNR



K-State Department of
Horticulture and Natural Resources



kstatehnr

Other Degree Programs

Bachelor's degree may not be of interest! That is *fine*!

- Many benefits associated with 4-year degree, but it doesn't mean we don't have great horticulturists and agriculturists in the field

Community Colleges or Associates Degree Programs!

Looking for practical and hands-on training

Johnson County Community College

Coffeyville Community College

Project funded by:

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