



HORTICULTURE (MS)

Horticulture is the science and art of cultivating fruits, vegetables, flowers, and ornamental plants.

Description

Horticultural crops are used to diversify human diets and to enhance our living environment. Vegetables, fruits, flowers, ornamentals, and lawn grasses are examples of horticultural crops and are typically produced on a smaller scale with more intensive management than agronomic crops.

The Department's pride is its excellent teaching, research, and extension programs carried out by more than 70 faculty members in six core areas: landscape ecology and design; ornamental horticulture; plant breeding and genetics; soil and water sciences; turf/range/forage science; and weed science. The Department also conducts research nationally and internationally in plant physiology, viticulture, molecular biology, plant biotechnology, plant breeding, nutrient cycling and management, rangeland ecology and management, renewable bioenergy, soil and water management, and on the environmental impact and sustainability of agriculture.

The Department has well-equipped laboratories, modern greenhouses, growth chambers, and field facilities, including four district research centers spanning several ecoregions, available to graduate students. For instance, the Plant Sciences Program combines integrative curriculum with collaborative research in highly specialized facilities. And our outstanding field research facilities located in several agro-climatic zones across the state provide a unique ability to conduct research at a production-scale. This increases the relevance of the findings to real-world agro-ecosystems and gives students an opportunity to work in a more realistic production environment.

Specializations

- Environmental Studies
- Public Horticulture Administration
- Water Resources Planning and Management

Program-Related Information

Graduate Chair

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Program Website

<https://agronomy.unl.edu/>

Applying for Admission

This program is not currently accepting applications.

Requirements

Hours required: 30-36

Options for the Master's Degree (<https://catalog.unl.edu/graduate-professional/policies/academic-program-requirements/#masters>)