

at a glance



Kirkwood
COMMUNITY COLLEGE

Agricultural Sciences

Horticulture

319-398-5609

800-332-2055

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Horticulture Sciences

Department: Agricultural Sciences

Degree: Associate of Applied Science

Entry time: Fall, Spring

Length: 2 years (4 semesters, 1 summer)

- One of the **largest schools** in the nation for number of **Ag program graduates**.
- **32,000-square-foot horticulture building** with outdoor learning laboratories.
- **8,000-square-foot greenhouse** with dedicated space for **hydro- and aquaponics**.
- 13 agriculture-related student organizations among the **80+ clubs** on campus.
- **Required internships** that provide industry contacts and potential full-time job opportunities.

Program Description

Horticulture Sciences is a broad, hands-on curriculum that exposes students to landscape practices and turfgrass management and allows them to prepare for employment in "the green industry." Students can pursue specialized studies (options) in landscape construction and design or golf course and athletic turfgrass maintenance. Job opportunities with this degree might include growing plants in a greenhouse, designing and installing an outdoor kitchen, or maintaining the turfgrass on a top-tier athletic field or golf course. If a student knows they would prefer to select courses from more than one of these specific areas, they can customize their studies with the assistance of a faculty member. This program includes an internship that will help students apply what they've learned in class, gain experience, and make connections with industry professionals.

Career Opportunities

Director of grounds

Landscape designer or
maintenance professional

Hardscape installation specialist

Golf course superintendent

Retail garden center or greenhouse manager

Golf course or athletic field manager

Sample Classes

Introduction to Turfgrass Management

Principles of Horticulture

Landscape Design and Construction

Golf Course and Athletic Field Maintenance

Plant Material Identification and

Maintenance Equipment Operations

Landscape Estimating and Bidding

Hydroponic Production

Irrigation Installation and Repair

Soil and Water Conservation

Hardscape Installation Techniques

Internship

As a Horticulture Sciences student, you will complete an internship between your first and second year, allowing you to apply your lab and classroom skills in an actual work environment.

Transfer Opportunities

Many of your classes will transfer to 4-year institutions. Please be sure to work with your advisor to ensure transferability of courses to your desired university.

Scholarships

Kirkwood will help you pay for college! Kirkwood awards more scholarships than any other community college in Iowa.

For more information and to apply, visit www.kirkwood.edu/scholarships.

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