

Horticultural Sciences Certificate

Programs in some career areas are made available by means of cooperative agreements with other educational institutions. These cooperative agreements have resulted in the sharing of programming, curriculum and staffing in the greater Kansas City area and have promoted increased economies of operations for cooperating institutions. The horticultural certificate program is a cooperative program with the Metropolitan Community Colleges.

The 31-credit-hour certificate granted by Johnson County Community College is a certificate program designed to prepare students for a career in the "greening industry." Upon completion of this certificate, students will possess the competencies to be successful at entry-level or higher positions in landscape design and maintenance, lawn care, garden centers and nurseries, wholesale greenhouse growers, and greenhouse operations and other related occupations.

Suggested/Sample Course Sequence

The sequence taken by the student may vary depending on prerequisites, course availability, and personal/ professional responsibilities.

(Horticultural Sciences - Major Code 6180; State CIP Code 01.0601 and Business Plan - Major Code 4810; State CIP Code 52.0710)

- Horticultural Sciences (<http://www.jccc.edu/academics/agriculture/horticultural-sciences>)
- Gainful Employment Data (<http://www.jccc.edu/academics/agriculture/horticultural-sciences/gainful-employment/Gedt.html>)

First Semester

HORT 140	Turfgrass I	3
HORT 214	Woody Plants I, Deciduous	3
HORT 220	Herbaceous Plants	3
HORT 201	Introduction to Horticultural Science	4
HORT 235	Landscape Maintenance and Techniques	3
Total Hours		16

Second Semester

HORT 215	Woody Plants II, Evergreens	3
HORT 225	Plant Problems*	3
HORT 135	Landscape Design	3
HORT 205	Plant Propagation*	3
Elective (see below)		3
Total Hours		15

Elective (choose one course)

BUS 121	Introduction to Business	3
BUS 145	Small Business Management	3
HORT 160	Garden Center Operations	3
HORT 255	Pest Control Management	3
HORT 260	Horticulture Soils	3
HORT 270	Horticulture Internship*	3

Total Program Hours: 31

Additional Certificate

Business Plan Certificate (<http://www.jccc.edu/catalog/credit/fall-2012/degrees-certificates/bus-plan-cert.html>)

This certificate is designed for students who are interested in opening their own service business providing administrative assistance to businesses. Coursework focuses on fundamental knowledge necessary to own and operate an entrepreneurial venture, evaluating the feasibility of the business idea, and concludes with writing a business plan to start, grow and sustain a business venture. The business plan certificate is recommended for students to add to their Horticultural Sciences certificate.