

# Horticultural Sciences Certificate

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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)

- 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         |
| <b>Total Hours</b> |                                       | <b>16</b> |

### 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         |
| <b>Total Hours</b>   |                             | <b>15</b> |

### 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**