

# HORTICULTURE, CERTIFICATE (654)

## About Our Program

The Horticulture Certificate program provides students the opportunity to explore various careers in horticulture while gaining skills necessary to begin working in a horticulture business upon completion of the certificate.

## Nature of Work and Employment

Career pathways within horticulture include production of ornamental plants or edible crops, floral retail, greenhouse management, and landscaping. Potential careers include the following:

- Landscaper
- Florist
- Lawn Care Specialist
- Plant Nursery Manager
- Pesticide Applicator
- Vegetable Producer
- Fruit Tree Grower
- Greenhouse Manager

## Special Considerations

All students enrolled are required to complete a workplace experience before graduating. Students are strongly encouraged to seek the advice of an agriculture instructor or an advisor to assist with class schedules, work place experiences, scholarship opportunities, and employment placement.

## Requirements

First Semester		Hours
LIBS 199	First-Year Experience Seminar	2
AGRI 188	Introduction to Hort Science	3
AGRI 284	Soil Science	4
AGOC 132	Landscape Design	3
AGOC 109	Pesticide License Training I	2
<b>Hours</b>		<b>14</b>
Second Semester		
AGRI 286	Crop Science	4
AGOC 112	Pesticide License Training III	2
AGOC 130	Vegetable Crop Production	3
OCED 290	Work Place Experience	4
Elective		3
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>30</b>

## Program Outcomes

- Explore careers in horticulture.
- Identify, classify, and describe soils, plants, and crops.
- Determine the growth and reproduction requirements for plants.
- Identify disorders in plants and consider integrated pest management strategies for treatment.
- Secure an Illinois Commercial Pesticide Operator License.

## Program Contacts

Call Highland at 815-235-6121 for the following program contacts:

- Dr. Matt Magee, Dean of Agriculture, Business & Technology
- Justin Ebert, Agriculture Instructor
- Olivia Kepner, Agriculture Instructor
- Monica Pierce, Agriculture Instructor
- Vicki Schulz, Student Advisor/Transfer Coordinator