

AGRICULTURAL MANAGEMENT - HORTICULTURE EMPHASIS, ASSOCIATE OF APPLIED SCIENCE (630H)

About Our Program

The Agribusiness Management AAS Horticulture Emphasis degree provides students hands on experience in horticultural production as well as education in business concepts. Students will gain knowledge that can be used to either seek employment in an existing place of work or be used to start their own horticultural business.

Nature of Work and Employment

Career pathways within horticulture include production of ornamental plants; vegetable, herb, and fruit crops; floral retail; greenhouse management; cannabis production; and landscaping.

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 academic advisor to assist with class schedules, workplace 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 192	Computer Applications in AG	3
AGRI 284	Soil Science	4
AGOC 109	Pesticide License Training I	2
Hours		14
Second Semester		
AGRI 286	Crop Science	4
AGOC 124	Intro to Agribusiness	2
AGOC 221	Agricultural Policies/Pgrms	2
AGOC 130	Vegetable Crop Production	3

AGOC 112	Pesticide License Training III	2
SPCH 191	Fund of Speech Communication	3
Hours		16
Third Semester		
AGOC 132	Landscape Design	3
AGOC 134	Introduction to Cannabis	3
AGRI 184	Intro to Ag Economics	3
Diversity Elective		3
Elective		2
Hours		14
Fourth Semester		
AGOC 135	Cannabis Production/Processing	3
AGOC 240	Farm Accounting	3
AGOC 299	Ag Capstone Experience	1
OCED 290	Work Place Experience	4
Electives		5
Hours		16
Total Hours		60

¹ Course has a prerequisite. See course description.

Program Outcomes

- Explore careers in the horticultural industry.
- 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 for strategies for treatment.
- Secure an Illinois Pesticide Operator License.
- Utilize financial concepts, reports, and statements to manage agribusiness operations.
- Explore governmental programs, resources, and regulatory policies in place to support and guide agricultural producers.

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