

AGRIBUSINESS MANAGEMENT - CROP SCIENCE TECHNOLOGY EMPHASIS, ASSOCIATE OF APPLIED SCIENCE (630C)

About Our Program

This program prepares students for employment in an agricultural business that focuses primarily on the production and management of field crops.

Nature of Work and Employment

Career pathways in the crop and soil science program may include employment in seed and chemical sales, fertilizer application, grain marketing, soil conservation, and precision technology. Current employment potential in these areas is very good with a variety of options for work and advancement.

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, workplace experiences, scholarship opportunities, and employment placement.

Requirements

First Semester		Hours
LIBS 199	First-Year Experience Seminar	2
AGRI 192	Computer Applications in AG	3
AGRI 284	Soil Science	4
AGOC 127	Forage Production	2
AGOC 227	Corn/Soybean Production	2
AGRI 187	Intro to Precision Agriculture	3
Hours		16
Second Semester		
AGRI 286	Crop Science	4
AGOC 124	Intro to Agribusiness	2
AGOC 221	Agricultural Policies/Prgms	2
AGOC 289	Applications of Precision Tech	3
Diversity Elective		3
Hours		14

Summer		
AGOC 291	Crop Scouting	3
Hours		3
Third Semester		
AGOC 222	Ag Commodity Marketing	3
AGRI 184	Intro to Ag Economics	3
AGOC 140	Agriculture Equipment Maint	3
AGOC 109	Pesticide License Training I	2
AGOC 108	Comm Applicator Operations	2
Hours		13
Fourth Semester		
SPCH 191	Fund of Speech Communication	3
AGOC 240	Farm Accounting	3
AGOC 285	Soil Fertility	2
AGOC 111	Pesticide License Training II	2
OCED 290	Work Place Experience	3
AGOC 299	Ag Capstone Experience	1
Hours		14
Total Hours		60

Program Outcomes

- Identify, classify, and describe common Illinois soils, crops, weeds, and pests.
- Utilize soil test reports, crop yield goals, and environmental considerations to responsibly manage crop nutrients.
- Explore the use of precision technology in crop production.
- Engage in crop research experiments relevant to modern production practices.
- Utilize financial concepts, reports, and statements to manage agribusiness operations.
- Explore government programs, resources, and regulatory policies in place to support and guide agricultural producers.
- Utilize commodity marketing strategies to maximize business profitability.

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