

# AGRIBUSINESS MANAGEMENT - ANIMAL SCIENCE EMPHASIS, ASSOCIATE OF APPLIED SCIENCE (630A)

## About Our Program

This program prepares students for employment in an agricultural business that focuses primarily on the production and management of livestock animals including beef cattle, dairy cattle, swine, and sheep.

## Nature of Work and Employment

Career pathways in the animal science program may include employment in animal production, farm management, finance, feed and nutrition, livestock marketing, and animal health. 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
AGOC 127	Forage Production	2
AGOC 227	Corn/Soybean Production	2
AGRI 192	Computer Applications in AG	3
AGRI 186	Introduction Animal Science	4
<b>Hours</b>		<b>13</b>
Second Semester		
AGOC 124	Intro to Agribusiness	2
AGOC 142	Lvstk Facilities/Waste Mgmt	2
AGOC 143 or AGOC 144	Evaluation Of Ls Animals or Evaluation Of Dairy	2
AGOC 221	Agricultural Policies/Prgms	2
AGOC 230	Animal Health	3

AGRI 286 or AGRI 182	Crop Science or Introductory Ag Mechanics	4
<b>Hours</b>		<b>15</b>
Third Semester		
AGRI 184	Intro to Ag Economics	3
AGOC 222	Ag Commodity Marketing	3
AGOC 226	Animal Nutrition	4
AGOC 232	Animal Reproduction	3
Diversity Elective		3
<b>Hours</b>		<b>16</b>
Fourth Semester		
AGOC 224	Artificial Insemination	2
AGOC 240	Farm Accounting	3
AGOC 242 or AGOC 245	Livestock Management or Dairy Management	3
AGOC 299	Ag Capstone Experience	1
OCED 290	Work Place Experience	4
SPCH 191	Fund of Speech Communication	3
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> Course has a prerequisite. See course description.

## Program Outcomes

- Apply concepts of breeding, nutrition, physiology, herd-health, economics and management in practical and profitable animal production programs.
- Make decisions based on an understanding of policy and the regulatory environment within animal production.
- Evaluate management practices of various animal operations.
- Explore the use of technology in the animal science industry.
- 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