

# Agriculture - AAS

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West Burlington Campus, and Online

Related Programs:

[Agriculture Certificate](#)

[Agriculture Diploma](#)

[Agriculture AAS](#)

## Program Information

The Agriculture program provides students an opportunity to experience the various aspects of the agricultural industry as they learn about agronomy/crop production, animal production, new technologies, and agriculture business. Through the use of hands-on experience, guest speakers, conferences, and field trips in addition to classroom lectures, students experience the impact of agriculture in the region and are prepared for entrance into a number of different career opportunities.

Students will complete two internships allowing students to network with industry partners, connect with the field of agriculture that interests them the most, and prepare for their future employment.

Students may choose from two pathways, Agribusiness and Animal Science. Students may also complete the Agriculture AAS fully online. If earning your award online, take HUM-287 in place of the required AGB-104.

In Spring II, students will complete two of the three courses in the agriculture course option listing.

### Agribusiness Pathway

The Agribusiness Pathway equips students with the skills and knowledge necessary to enter a career in the agricultural industry where students will apply business principles. Students will learn about various business principles related to agronomy and livestock production including commodities, marketing, sales, business management, among others; future technologies; critical issues impacting the industry; agricultural law; among many other related topics. Students will complete two internship experiences where they will be able to apply their knowledge and gain extensive experience and skills. Students will take four credits of AGB-104 or HUM-287. In Spring II, students will complete two of the three courses in the agriculture course option listing.

The Agriculture Certificate is awarded after successful completion of first semester courses.

The Agriculture Diploma is awarded after successful completion of the first two semesters.

### Animal Science Pathway

The Animal Science Pathway equips students with the skills and knowledge necessary to enter a career in animal science. Students will learn about various livestock species, business principles related to livestock production, animal health, animal nutrition, animal husbandry, among many other related topics.

Students will complete two internship experiences where they will be able to apply their knowledge and gain extensive experience and skills.

Students will take four credits of AGB-104 or HUM-287. In Spring II, students will complete two of the three courses in the agriculture course option listing.

**The Agriculture Certificate** is awarded after successful completion of first semester courses.

**The Agriculture Diploma** is awarded after successful completion of the first two semesters.

### Instructor and Staff

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## West Burlington Campus, Online, and select courses available at the Keokuk Campus

### Program Requirements

Fall Semester I	Credit
AGB-104 Leadership in Agriculture	1
AGB-336 Agricultural Selling	3
AGB-330 Farm Business Management	3
AGA-181 Introduction to Crop Science	3
AGB-235 Introduction to Agriculture Markets	3
AGS-113 Survey of the Animal Industry	3
Semester Total.....	16

Spring Semester I	Credit
AGA-182 Introduction to Soil Science	3
AGC-216 Career Seminar	2
AGS-226 Beef Cattle Science	3
PSY-102 Human and Work Relations	3
MAT-702 Introduction to Math Applications	3

#### Take 1 of 2 courses:

AGA-376 Integrated Pest Management	3
AGS-225 Swine Science	3
Semester Total.....	17

Summer Semester I	Credit
AGC-936 Occupational Experience	3

#### Take 1 of 2 courses:

ENG-105 Composition I	3
SPC-112 Public Speaking	3
Semester Total.....	6

Fall Semester II	Credit
AGB-437 Commodity Marketing	3
AGC-936 Occupational Experience	3
AGP-333 Precision Farming Systems	3
SOC-115 Social Problems	3

#### Take 1 of 2 courses:

AGA-158 Soil Fertility	3
AGS-319 Animal Nutrition (online)	3
Semester Total.....	15

Spring Semester II	Credit
AGC-420 Issues in Agriculture	3
AGB-451 Agricultural Law	3
SOC-114 Conflict Resolution in the Workplace	3

#### Take 2 of 3 courses:

AGN-244 Wildlife Management	3
AGN-130 Soil and Water Conservation	3
AGS-242 Animal Health (online)	3
Semester Total.....	12

Program Total.....	66
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