



## Associate of Applied Science Degree

Credit Hours Required for Graduation:  
Associate of Applied Science Degree: ..... 73.0



For more information contact:

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*Livestock managers are responsible for running the business of livestock on farms or ranches. They must keep accurate financial records, supervise workers and ensure proper care. They make sure that the goods from animals are produced safely, efficiently and profitably by monitoring what the livestock is fed, keeping the animals healthy and ensuring overall cleanliness of animals and facilities.*



*"I enjoy the small class sizes, the hands-on lab activities and the diversity of the students within the program."*

-Kayle VanHousen



## Program Overview

You will learn skills associated with producing products derived from livestock such as meat, milk and fiber. This program focuses on animal care and management and associated services that are part of a livestock industry. Students will work hands-on with cattle, sheep, swine, and horses. Internships are designed to enhance your hands-on learning and on-the-job training.

Our facilities include the Agriculture Center: a 900-acre livestock and land lab which includes an Animal Health Unit; Feed Processing Complex; Beef Unit; Swine Gestation, Farrowing, Nursery, and Finishing; and a Sheep Unit.



*"I really like the fact that the whole day doesn't consist of sitting in a classroom, We get the opportunity to go outside and gain hands-on livestock experience."*

- McKenna Lauenroth



## Top Career Options

- Livestock Production Specialist
- Swine Production Technician
- Animal Health Sales
- Veterinary Assistant
- Livestock Genetics Salesperson



## Graduate Earnings

Recent graduates report an average starting salary of \$13.44\* per hour.

Our transfer pathway with Kansas State University allows you to earn a two-year A.A.S. degree while receiving excellent hands-on education. You can then progress to a 4-year degree in Agricultural Education at Kansas State. Go to <https://go.k-state.edu/pathways> for more information.

\*New program. No graduate salary data available. Estimated salaries are based on the 25th percentile earnings for SCC's 15-county area for all occupations relevant to the program of study. (EMSI data; [www.economicmodeling.com](http://www.economicmodeling.com))

2019-2020 Tuition/Fee Rate Per Credit Hour  
Nebraska Resident \$108  
Out-of-state tuition/fee rate \$129

### Estimated Expenses

Tuition/Fees	\$ 7884
Books	1200
Special Fees	0
Tools/Supplies	0
<b>Total:</b>	<b>\$9,084</b>

## General Education Requirements

Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages for a complete list.

(One class from each area below).

Oral Communications	3.0
Written Communications	3.0
(Plus three classes from the four areas below; no two classes from the same area).	
Critical Thinking & Problem Solving, Global Awareness and Citizenship, Analytical, Quantitative and Scientific Reasoning, and/or Career and Life Skills	9.0
See Catalog for eligible classes	15.0 Hours

## AGRI Core Courses

AGRI1123	Agriculture Occupation Exploration	3.0
AGRI1126	Introduction to Livestock Production	3.0
AGRI1131	Crops & Food Science	3.0
AGRI1171	Ag Technology	2.0
AGRI1205	Enterprise Analysis	3.0
		14.0 Hours

## Livestock Core Courses

AGRI1141	Livestock Management	4.0
AGRI1221	Livestock Nutrition	2.0
AGRI1257	Live Animal Selection & Carcass Evaluation	2.0
AGRI2223	Principles of Livestock Feeding	4.0
AGRI2231	Applied Animal Reproduction	4.0
AGRI2240	Range Management	4.0
AGRI2245	Animal Health	4.0

Must complete two of three advanced courses:

AGRI2254	Advanced Swine Production	3.0
AGRI2255	Advanced Sheep & Goat Production	3.0
AGRI2256	Advanced Beef Cattle Production	3.0
AGRI2204	Cooperative Preparation	1.0
AGRI2901	Cooperative Experience	5.0

Elective Hours: 8.0

## Livestock Focus Requirements

General Education Required	15.0
Agriculture Program Core	14.0
Livestock Focus Required	36.0
AGRI Program Electives	8.0
TOTAL HOUR REQUIREMENTS	73.0 Hours

Listed below are all AGRI classes available. Optional classes may be selected from these provided they are not listed as a required course.

AGRI1010	Fundamentals of Animal Biology	4.0
AGRI1123	Agriculture Occupation Exploration	3.0
AGRI1124	Agriculture Leadership	3.0
AGRI1126	Introduction to Livestock Production	3.0
AGRI1131	Crop & Food Science	3.0
AGRI1135	Basic Fertilizer Management	2.0
AGRI1141	Livestock Management	4.0
AGRI1143	Introduction to Equine Management	2.0
AGRI1152	Crop and Food Science Lab	1.0
AGRI1153	Soils & Plant Nutrition	4.0
AGRI1171	Ag Technology	2.0
AGRI1172	Ag Precision Hardware	2.0
AGRI1177	Companion Animals	3.0
AGRI1205	Enterprise Analysis	3.0
AGRI1211	Fundamentals of Ag Marketing	3.0
AGRI1216	Agribusiness Management	3.0
AGRI1218	Basic Farm Engines	3.0
AGRI1219	Motorized Agriculture Equipment	2.0
AGRI1221	Livestock Nutrition	2.0
AGRI1257	Live Animal Selection & Carcass Evaluation	2.0
AGRI1258	Introduction to Meats	2.0
AGRI1505	Introduction to Ag Education & Early Field Experience	2.0
AGRI1378	Electrical and Hydraulic Fundamentals	3.0
AGRI2202	Farm and Ranch Management	4.0
AGRI2204	Cooperative Preparation	1.0
AGRI2212	Ag Machinery Maintenance	2.0
AGRI2219	Pesticide Certification	2.0
AGRI2220	Ag Chemicals & Equipment Application	4.0
AGRI2223	Principles of Livestock Feeding	4.0
AGRI2231	Applied Animal Reproduction	4.0
AGRI2232	Forage Harvesting & Management	4.0
AGRI2233	Planting & Tillage Equipment	4.0
AGRI2240	Range Management	4.0
AGRI2245	Animal Health	4.0
AGRI2253	Grain Harvesting & Management	4.0
AGRI2254	Advanced Swine Production	3.0
AGRI2255	Advanced Sheep & Goat Production	3.0
AGRI2256	Advanced Beef Cattle Production	3.0
AGRI2258	Livestock Ultrasound Technology	2.0
AGRI2265	Irrigation & Water Management	4.0
AGRI2267	Agriculture Commodity Marketing	3.0
AGRI2279	Precision Technology	2.0
AGRI2280	Advanced Crop Production	3.0
AGRI2287	Advanced Crop Management	3.0
AGRI2291	Agribusiness Sales	3.0
AGRI2295	Advanced Precision Technology	3.0
AGRI2296	Advanced Ag Precision Hardware	2.0
AGRI2900	Agribusiness Internship	5.0
AGRI2901	Cooperative Experience	5.0
AGRI2999	Individual Special Project	1.0-3.0