

2018-2019

SOUTHEAST
COMMUNITY
COLLEGE
NEBRASKA

LIVESTOCK MANAGEMENT & PRODUCTION

Associate of
Applied Science
Degree

BEATRICE CAMPUS

www.southeast.edu/livestockmanagementproduction



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.

New Program of Study – Pending Coordinating Commission for Postsecondary Education approval.

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 on the Beatrice Campus, 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.



Types of jobs available:

- Livestock Genetics Salesperson
- Swine Production Technician
- Feedlot Technician
- Animal Health Sales
- Veterinary Assistant
- Artificial Insemination Technician
- Research Technician
- Livestock Production Specialist
- Conservationist

Graduate Earnings:

In 2015, the U.S. Bureau of Labor Statistics reported an annual median salary of \$64,170 for farmers, ranchers and other agricultural managers.

For more information contact:

Alex Goeckel, Program Chair
402-228-8126, 800-233-5027 ext. 1126
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or the College Admissions Office
Beatrice 402-228-8214, 800-233-5027 ext. 1214



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A0734 - LIVE (06/18)

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 online for a complete list.

(One class from each area below).

Oral Communications	4.5
Written Communications	4.5

(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
Career and Life Skills

See catalog for eligible classes 13.5
22.5 hours

AGRI Core Courses:

AGRI1123	Agriculture Occupation Exploration	4.5
AGRI1126	Introduction to Livestock Production	4.5
AGRI1131	Crops & Food Science	4.5
AGRI1171	Ag Technology	2.5
AGRI1205	Enterprise Analysis	4.5

20.5 hours

Livestock Core Courses:

AGRI1141	Livestock Management	6.0
AGRI1221	Livestock Nutrition	4.5
AGRI1257	Live Animal Selection & Carcass Evaluation	4.5
AGRI2231	Applied Animal Reproduction	6.0
AGRI2245	Animal Health	6.0
AGRI2240	Range Management	6.0

Must complete two of three advanced courses:

AGRI2254	Advanced Swine Production	4.5
AGRI2255	Advanced Sheep & Goat Production	4.5
AGRI2256	Advanced Beef Cattle Production	4.5
AGRI2205	Cooperative Preparation	1.5
AGRI2901	Cooperative Experience	10.0
	Elective Hours	11.0

64.5 hours

Livestock Focus Requirements:

General Education Required	22.5
Agriculture Program Core	20.5
Livestock Focus Required	53.5
AGRI Program Electives	11.0

Total 107.5 hours



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

AGRI1003	Introduction to Agriculture and Natural Resource Systems	4.5
AGRI1116	Electric & Gas Welding	2.0
AGRI1123	Agriculture Occupation Exploration	4.5
AGRI1124	Agriculture Leadership	4.5
AGRI1126	Introduction to Livestock Production	4.5
AGRI1131	Crop & Food Science	4.5
AGRI1135	Basic Fertilizer Management	3.0
AGRI1141	Livestock Management	6.0
AGRI1143	Introduction to Equine Management	3.0
AGRI1152	Crop and Food Science Lab	1.5
AGRI1153	Soils & Plant Nutrition	6.0
AGRI1171	Ag Technology	2.5
AGRI1172	Ag Precision Hardware	4.0
AGRI1177	Companion Animals	4.5
AGRI1205	Enterprise Analysis	4.5
AGRI1211	Fundamentals of Ag Marketing	4.5
AGRI1216	Agribusiness Management	4.5
AGRI1217	Agricultural Economics	4.5
AGRI1219	Motorized Agriculture Equipment	2.5
AGRI1221	Livestock Nutrition	4.5
AGRI1257	Live Animal Selection & Carcass Evaluation	4.5
AGRI1258	Introduction to Meats	3.0
AGRI1378	Electrical and Hydraulic Fundamentals	4.5
AGRI2202	Farm and Ranch Management	6.0
AGRI2204	Cooperative Preparation	1.5
AGRI2212	Ag Machinery Maintenance	3.0
AGRI2219	Pesticide Certification	3.0
AGRI2220	Ag Chemicals & Equipment Application	6.0
AGRI2222	Agriculture Analysis	3.0
AGRI2223	Principles of Livestock Feeding	6.0
AGRI2231	Applied Animal Reproduction	6.0
AGRI2232	Forage Harvesting & Management	6.0
AGRI2233	Planting & Tillage Equipment	6.0
AGRI2240	Range Management	6.0
AGRI2245	Animal Health	6.0
AGRI2253	Grain Harvesting & Management	6.0
AGRI2254	Advanced Swine Production	4.5
AGRI2255	Advanced Sheep & Goat Production	4.5
AGRI2256	Advanced Beef Cattle Production	4.5
AGRI2258	Livestock Ultrasound Technology	3.0
AGRI2265	Irrigation & Water Management	6.0
AGRI2267	Agriculture Commodity Marketing	4.5
AGRI2279	Precision Technology	3.5
AGRI2280	Advanced Crop Production	4.5
AGRI2287	Advanced Crop Management	4.5
AGRI2291	Agribusiness Sales	4.5
AGRI2295	Advanced Precision Technology	4.0
AGRI2296	Advanced Ag Precision Hardware	3.0
AGRI2795	History & Structure of Cooperatives	1.0
AGRI2900	Agribusiness Internship	10.0
AGRI2901	Cooperative Experience	10.0
AGRI2999	Individual Special Project	.5 - 4.5

Estimated Expenses

Nebraska Resident tuition/fee rate is \$69.50 per credit hour. Out-of-state tuition/fee rate is \$83.50 per credit hour. Graduation fee is \$25.

Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter.

Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

A.A.S. DEGREE

Tuition And Fees	\$7,471
Books and Other Costs	1,200
Total	\$8,671
Avg. per term	\$1,084

