

2018-2019

SOUTHEAST  
COMMUNITY  
COLLEGE  
NEBRASKA

# AGRICULTURE MANAGEMENT & PRODUCTION

Associate of  
Applied Science  
Degree

BEATRICE CAMPUS

[www.southeast.edu/Agriculture](http://www.southeast.edu/Agriculture)



*If you enjoy spending time outdoors and are looking for a career in the agriculture industry, check out our hands-on program! Agribusiness is the program to help you learn the skills needed to have a career that processes, distributes and supports farm-related products. Our agriculture center has amazing resources where you can get hands-on experience applying what you learned in the classroom. You will gain technical skills and knowledge in agriculture business, land use, crop farming, animal care, and food science. You'll be able to personalize your degree with a focus that reflects your interests. If crops and soils are your interest, choose our Agronomy focus. The Diversified Agriculture focus will give you a well-rounded education with classes in several areas, preparing you to manage many related businesses.*



### 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, and/or 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 4.5  
AGRI1131 Crops & Food Science 4.5  
AGRI1171 Ag Technology 3.0  
AGRI1205 Enterprise Analysis 4.5  
21.0 Hours

### Graduate Earnings

Recent graduates report an average starting wage of \$15.10 per hour.

### For more information contact:

Lynn Schlake, Program Chair  
402-228-8187, 800-233-5027 ext. 1187  
lschlake@southeast.edu

or the College Admissions Office  
Beatrice 402-228-8214, 800-233-5027 ext. 1214

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### Agribusiness Focus Required Classes:

AGRI1124	Agriculture Leadership	4.5
AGRI1211	Fundamentals of Agriculture Marketing	4.5
AGRI1216	Agribusiness Management	4.5
AGRI2202	Farm & Ranch Management	6.0
AGRI2267	Agriculture Commodity Marketing	4.5
AGRI2204	Cooperative Preparation	1.5
AGRI2291	Agribusiness Sales	4.5
AGRI2901	Cooperative Experience	10
		40. Hours
Agribusiness Focus Requirements		
General Education	22.5	
Agriculture Program Core	21	
Agribusiness Focus Required	40	
AGRI and HORT Program Electives	25.5	
<b>TOTAL HOUR REQUIREMENTS</b>		<b>109.0 hours</b>

### Agronomy Focus Required Classes:

AGRI1135	Basic Fertilizer Management	3.0
AGRI1153	Soils & Plant Nutrition	6.0
AGRI2204	Cooperative Preparation	1.5
AGRI2219	Pesticide Certification	3.0
AGRI2220	Ag Chemical & Equipment Application	6.0
AGRI2233	Planting & Tillage Equipment	6.0
AGRI2253	Grain Harvesting & Management	6.0
AGRI2265	Irrigation & Water Management	6.0
AGRI2280	Advanced Crop Production OR	4.5
AGRI2287	Advanced Crop Management	4.5
AGRI2901	Cooperative Experience	10
		52
Agronomy Focus Requirements:		
General Education Required	22.5	
Agriculture Program Core	21	
Agronomy Focus Required	52	
AGRI Program Electives	12.0	
<b>TOTAL HOUR REQUIREMENTS</b>		<b>107.5 hours</b>

### Diversified Focus Required Classes:

AGRI1135	Basic Fertilizer Management	3.0
AGRI1141	Livestock Management	6.0
AGRI1153	Soils and Plant Nutrition	6.0
AGRI1211	Fundamentals of Agriculture Marketing	4.5
AGRI1216	Agribusiness Management	4.5
AGRI1219	Motorized Agricultural Equipment	2.5
AGRI2204	Cooperative Preparation	1.5
AGRI2279	Precision Technology	3.5
AGRI2901	Cooperative Experience	10.0
		41.5
Diversified Focus Requirements		
General Education	22.5	
Agriculture Program Core	21	
Diversified Focus Required	41.5	
AGRI and HORT Program Electives	24	
<b>TOTAL HOUR REQUIREMENTS</b>		<b>109 hours</b>

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

AGRI1000	Introduction to Agriculture and Horticulture Technologies	4.5
AGRI1003	Introduction to Agriculture and Natural Resource Systems	4.5
AGRI1010	Fundamentals of Animal Biology	6.0
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
AGRI1195	Advanced Electric and Gas Welding	2.0
AGRI1205	Enterprise Analysis	4.5
AGRI1211	Fundamentals of Ag Marketing	4.5
AGRI1216	Agribusiness Management	4.5
AGRI1217	Agricultural Economics	4.5
AGRI1218	Basic Farm Engines	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
AGRI22267	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	12
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.

NOTE: One quarter will be an internship. Students may incur costs for housing and travel. A \$300 Tool Fee also may be added based upon focus area.

#### FIRST-FIFTH QUARTERS

(avg. 18 credits per quarter)	
Tuition And Fees	\$1,182
Books	375
<b>Total</b>	<b>\$1,557</b>

#### INTERNSHIP QUARTER

Tuition And Fees	\$695
<b>Total</b>	<b>\$695</b>
<b>Total Estimate For Program</b>	<b>\$9,967</b>

#### SIXTH QUARTER

Tuition And Fees	\$1,112
Books	375
<b>Total</b>	<b>\$1,487</b>

#### MISCELLANEOUS

<b>Tools:</b> (based on focus area)	\$300
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