



# AGRICULTURE BUSINESS & MANAGEMENT TECHNOLOGY

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. If your interest is animal care and management and the services associated with the livestock industry, look into our Livestock Production focus. The Diversified Agriculture focus will give you a well-rounded education with classes in each area, preparing you to manage many related businesses.*

## Credit Hours Required for Graduation:

- Agribusiness Focus 125.0
- Agronomy Focus 125.0
- Diversified Agriculture Focus 125.0
- Livestock Production Focus 125.0

## Types of jobs available:

- Grain elevator manager
- Livestock genetics salesperson
- Crop consultant
- Equipment salesperson
- Research technician
- Crop and livestock production specialist
- Commercial pesticide applicator
- GPS precision specialist
- Agronomist
- Conservationist



## Graduate Earnings

Recent graduates report an average starting wage of \$15.70 per hour.

## For more information contact:

Agribusiness: Lynn Schlake, Instructor  
402-228-3468 or 800-233-5027 ext. 1187  
lschlake@southeast.edu

Agronomy: Chelsea Tietjen, Instructor  
402-228-3468 or 800-233-5027 ext. 1343  
CTietjen@southeast.edu

Livestock: Alex Goeckel, Instructor  
402-228-3468 or 800-233-5027 ext. 1126  
AGoeckel@southeast.edu

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

## AGRI Core Courses:

AGRI1123	Agribusiness Careers	4.5
AGRI1131	Crops & Food Science	4.5
AGRI1171	Ag Technology	3.0
AGRI1205	Enterprise Analysis	4.5
AGRI1216	Agribusiness Management	4.5
AGRI2204	Agribusiness Seminar I	4.5
AGRI2291	Ag Business Sales	4.5
AGRI2901	Agribusiness Cooperative Experience	12.0
		42.0 Hours

## 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 five areas below; no two classes from the same area).

- Mathematics, Science, Social Science, Humanities, and/or
- Computer Technology 13.5
- 22.5 hours

Equal Opportunity/NonDiscrimination Policy - It is the policy of Southeast Community College to provide equal opportunity and nondiscrimination in all admission, attendance, and employment matters to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of Southeast Community College's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or jsoto@southeast.edu. This publication should not be considered a contract between SCC and any prospective student. SCC's Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice. A0702 - AGRI (05/17)

## Agribusiness Focus:

AGRI1124	Basic Ag Leadership	4.5
AGRI1141	Livestock Management	6.0
AGRI1153	Soils & Plant Nutrition	6.0
AGRI1211	Fundamentals of Ag Marketing	4.5
AGRI1217	Agricultural Economics	4.5
AGRI2202	Farm and Ranch Management	6.0
AGRI2267	Agriculture Commodity Marketing	4.5
AGRI2279	Precision Technology	4.5

Select 20 hours from AGRI or HORT Classes Only

Agribusiness Focus: 102.5  
General Elective: 22.5  
125.0 hours

## Agronomy Focus:

AGRI1135	Basic Fertilizer Management	3.0
AGRI1153	Soils & Plant Nutrition	6.0
AGRI1211	Fundamentals of Ag Marketing (or 2267)	4.5
AGRI2202	Farm and Ranch Management (or 2279)	6.0
AGRI2219	Pesticide Certification	3.0
AGRI2220	Ag Chemicals & Equipment Application	4.5
AGRI2233	Planting & Tillage Equipment	6.0
AGRI2253	Grain Harvesting & Management	6.0
AGRI2265	Irrigation & Water Management	6.0
AGRI2279	Precision Technology (or 2202)	4.5
AGRI2267	Agriculture Commodity Marketing (or 1211)	4.5

Select 8 hours from the following:

AGRI1141	Livestock Management	6.0
AGRI1211	Fundamentals of Ag Marketing	4.5
AGRI1217	Agricultural Economics	4.5
AGRI1378	Electrical and Hydraulic Fundamentals	4.5
AGRI2212	Ag Machinery Maintenance	3.0
AGRI2222	Agriculture Analysis	3.0
AGRI2232	Forage Harvesting and Management	6.0
AGRI2240	Range Management	6.0
AGRI2267	Agriculture Commodity Marketing	4.5
AGRI2280	Advanced Crop Production	4.5
AGRI2287	Advanced Crop Management	4.5
HORT1136	Plant Propagation	3.0
HORT1154	Greenhouse Management	3.0
HORT1242	Turfgrass Management	4.5

Select 4.5 hours from the following:

AGRI2280	Advanced Crop Production	4.5
AGRI2287	Advanced Crop Management	4.5

Agronomy Focus: 98.5/100  
Electives: 3.0-4.5  
General Electives: 22.5  
125.0 hours



### Estimated Expenses

To determine overall costs, students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc., as well as the expenses below.

Nebraska Resident tuition rate is \$65.50 per credit hour. Out-of-state tuition rate is \$79.50 per credit hour. Student fee is \$2 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.

This program requires 125 credit hours to graduate.

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 class selection (i.e, welding, livestock).

#### FIRST-FIFTH QUARTERS

Tuition And Fees	\$1,215
Books	375
<b>Total</b>	<b>\$1,590</b>

#### INTERNSHIP QUARTER

Tuition And Fees	\$810
<b>Total</b>	<b>\$1,185</b>
<b>Total Estimate For Program</b>	<b>\$10,793</b>

#### SIXTH QUARTER

Tuition And Fees	\$1,283
Books	375
<b>Total</b>	<b>\$1,658</b>

#### MISCELLANEOUS

**Tools:** (based on courses taken) \$300

## Diversified Agriculture Focus:

AGRI1141	Livestock Management	6.0
AGRI1153	Soils & Plants Nutrition	6.0
AGRI1211	Fundamentals of Ag Marketing	4.5
AGRI1221	Livestock Nutrition	4.5

Agribusiness courses take a minimum of 6.5 credits

AGRI1217	Agricultural Economics	4.5
AGRI2202	Farm and Ranch Management	6.0
AGRI2267	Agriculture Commodity Marketing	4.5
AGRI2279	Precision Technology	4.5

Livestock Production courses take a minimum of 12 credits

AGRI1143	Introduction to Equine Management	4.5
AGRI1257	Live Animal Selection & Carcass Evaluation	4.5
AGRI2223	Principles of Livestock Feeding	4.5
AGRI2231	Applied Animal Reproduction	7.5
AGRI2240	Range Management	6.0
AGRI2245	Animal Health	6.0
AGRI2254	Advanced Swine Production	4.5
AGRI2255	Advanced Sheep & Goat Production	4.5
AGRI2256	Advanced Beef Production	4.5
AGRI2258	Livestock Ultrasound Technology	3.0

Agronomy courses take a minimum of 12 credits

AGRI1135	Basic Fertilizer Management	3.0
AGRI2219	Pesticide Certification	3.0
AGRI2220	Ag Chemicals & Equipment Application	4.5
AGRI2222	Agriculture Analysis	3.0
AGRI2240	Range Management	6.0
AGRI2265	Irrigation & Water Management	6.0
AGRI2279	Precision Technology	4.5
AGRI2280	Advanced Crop Production	4.5
AGRI2287	Advanced Crop Management	4.5
AGRI2295	Advanced Precision Technology	4.5
HORT1136	Plant Propagation	3.0
HORT1154	Greenhouse Management	3.0
HORT1239	Arboriculture	3.0
HORT1242	Turfgrass Management	4.5
HORT2265	Irrigation & Water Management	6.0

Mechanics courses take a minimum of 9 credits

AGRI1116	Electric & Gas Welding	2.0
AGRI1172	Ag Precision Hardware	4.5
AGRI1195	Advanced Electric and Gas Welding	2.0
AGRI1218	Basic Farm Engines	4.5
AGRI1378	Electrical and Hydraulic Fundamentals	4.5
AGRI2212	Ag Machinery Maintenance	3.0
AGRI2232	Forage Harvesting and Management	6.0
AGRI2233	Planting & Tillage Equipment	6.0
AGRI2253	Grain Harvesting & Management	6.0
AGRI2265	Irrigation & Water Management	6.0
HORT2214	Horticulture Equipment Maintenance	3.0
HORT2265	Irrigation & Water Management	6.0

Diversified Agriculture Focus: 102.5

General Electives: 22.5  
125.0 hours

## Livestock Production Focus:

AGRI1211	Fundamentals of Ag Marketing	4.5
AGRI1221	Livestock Nutrition	4.5
AGRI1257	Live Animal Selection & Carcass Evaluation	4.5
AGRI2223	Principles of Livestock Feeding	4.5
AGRI2231	Applied Animal Reproduction	7.5
AGRI2245	Animal Health	6.0

Select 20 hours from the following:

AGRI1135	Basic Fertilizer Management	3.0
AGRI1143	Introduction to Equine Management	4.5
AGRI1144	Equestrian Horsemanship	2.0
AGRI1153	Soils and Plant Nutrition	6.0
AGRI1258	Introduction to Meats	4.5
AGRI2202	Farm and Ranch Management	6.0
AGRI2232	Forage Harvesting and Management	6.0
AGRI2240	Range Management	6.0
AGRI2253	Grain Harvesting & Management	6.0
AGRI2258	Livestock Ultrasound Technology	3.0

Select 9 hours from the following:

AGRI2254	Advanced Swine Production	4.5
AGRI2255	Advanced Sheep & Goat Production	4.5
AGRI2256	Advanced Beef Cattle Production	4.5

Livestock Focus: 102.5  
General Electives: 22.5  
125.0 hours