

A degree in diversified agriculture prepares students for a wide variety of employment possibilities. Graduates may choose to return to a family farm operation, or work for a large diversified farm, or private and commercial cattle feedlots and swine farrowing operations. Opportunities also exist in the animal health field, feed, seed, and fertilizer industries in sales or management positions. The diversified agriculture program of study gives students a well-rounded background for a wide variety of career opportunities in the agriculture industry.

Students benefit from a broad curriculum ranging from livestock and crop production to marketing skills. Students study the latest advancements in agriculture production technology, agriculture record keeping, and computer analysis, thus preparing to make sound business decisions for a profitable farming operation. Courses in computers, agribusiness management, marketing, agricultural records, agricultural sales, agricultural law, and precision farming (GPS/GIS) form a framework for specific courses in animal science and agronomy.

## Required Program of Study for Associate of Applied Science Degree (2 years)

### FRESHMAN YEAR

#### First Semester

Course	Credits
AGRI 1005 Introduction to Agriculture Technology.....	3
AGRI 1010 Animal Science .....	3
AGRI 1030 Introduction to Soil Science.....	3
AGRI 1040 Introduction to Soil Science Lab .....	1
AGRI 1105 Issues in Agriculture I** .....	1
AGRI 1290 International Agriculture and Agribusiness.....	3
AGRI 1340 Animal Science Lab .....	1
MATH 1020 Technical Mathematics I * .....	3
	18

#### Second Semester

Course	Credits
AGRI 1131 Plant Science .....	3
AGRI 1132 Plant Science Lab .....	1
AGRI 1280 Crop Chemicals.....	2
AGRI 1410 Introduction to the Economics of Agriculture* .....	3
AGRI 1420 Interpersonal Skills* .....	3
AGRI 1500 Microcomputer Applications in Agriculture* .....	3
	15

#### Summer

Course	Credits
AGRI 2020 Crops and Irrigation .....	3
AGRI 2030 Crops and Irrigation Lab .....	1
OR	
AGRI 2040 Livestock Production I.....	3
AGRI 2050 Livestock Production I Lab.....	1
OR	
AGRI 1300 Cooperative Internship I.....	6
	4-6

\* Course fulfills a general education requirement for Northeast Community College.

NOTE: See General Education Requirements.

\*\*AGRI 1120 Food Agriculture Natural Resource Systems can be substituted for AGRI 1105 Issues in Agriculture I.

Agriculture students are encouraged to consult their advisor in the agriculture department to identify the best courses to fulfill agriculture or science elective requirements. The Northeast Community College agriculture program has articulation agreements with the University of Nebraska-Lincoln, Wayne State College, South Dakota State University, and Northwest Missouri State. If interested in more information, consult your advisor.

### SOPHOMORE YEAR

#### First Semester

Course	Credits
AGRI 2015 Farm and Ranch Management .....	4
AGRI 2200 Advanced Fertilizers .....	2
AGRI 2250 Grain Harvesting and Handling Systems .....	3
Agriculture Electives .....	2-4
ENGL 1050 Workplace Communication* .....	3
	14-16

#### Second Semester

Course	Credits
AGRI 1230 Feeds and Feeding.....	3
AGRI 1400 Farm and Environmental Safety.....	2
AGRI 2210 Animal Health.....	3
AGRI 2290 Agricultural Commodities Marketing .....	3
AGRI 2890 Agriculture Capstone Experience.....	1
Agriculture Electives or Science Course .....	3-5
	15-17

#### Additional Requirement:

AGRI 1025 Farm Experience Lab.....0.5  
See your advisor to identify which semester is best for your individualized interests.

**Total Credit Hours** 66.5-72.5