

DIVERSIFIED AGRICULTURE

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 Precision Agriculture Systems	3
AGRI 1010 Animal Science	3
AGRI 1030 Soil Science	3
AGRI 1040 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

Internship Options***

Course	Credits
Select one of the following options:	3-4
AGRI 2020 Crops and Irrigation (<i>summer</i>),	3
AGRI 1115 Issues in Agriculture II & (<i>pre-requisite to AGRI 2115 must be taken in proceeding semester</i>)	
AGRI 2115 Global Opportunities in Agricultural Leadership (<i>International travel</i>),	4
AGRI 2040 Livestock Production (<i>summer</i>), OR	3
AGRI 1300 Cooperative Internship I	3

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
Elective(s)**	3
ENGL 1050 Workplace Communication*	3
	15

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
Elective(s)**	3
	15

Total Credit Hours 66-67

*Course fulfills a general education requirement for Northeast Community College. See General Education Requirements.

**A total of 6 elective credits must be taken. They can be taken as a combination of 1, 2, 3, or 4 credit courses in agriculture, science, BRDC 1600 Drone Operations + BRDC 1610 Drone Operations Lab, DESL 1000 Basical CDL Driver Training + DESL 1005 Basic CDL Driver Training Lab – contact your advisor to determine which courses will work best.

***See your advisor to determine which option works best.

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, contact your advisor.