ANIMAL SCIENCE

Many graduates with an Animal Science degree enter livestock production as owners, partners, or managers. Graduates may consider using their skills in family livestock operations or managing production for someone else. Other career opportunities are available in the livestock and meat industry including: feedlots, hog and cattle confinements, livestock buying, banking and finance, the feed industry, marketing, livestock pharmaceuticals, promotion, and sales. The animal science degree combines the latest in production technologies and animal management with computer, business, and analysis skills. The emphasis is on the selection, breeding, feeding, and marketing of livestock for a profitable return. Beef, swine, and sheep maintained on the Northeast farm provide students with opportunities for practical experience in all aspects of livestock management. In addition, students may join the Northeast Livestock Judging Team, which travels to several states each year representing Northeast in judging contests.

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

FIRST YEAR

Fall Semester

Course	Credits
AGRI 1005 Precision Agriculture Systems	3
AGRI 1010 Animal Science	3
AGRI 1340 Animal Science Lab	1
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
MATH 1020 Technical Mathematics I*	3
	18

Spring Semester

Course	Credits
AGRI 1131 Plant Science	3
AGRI 1132 Plant Science Lab	1
AGRI 1230 Feeds and Feeding	3
AGRI 1320 Animal Reproduction Physiology	3
AGRI 1410 Introduction to the Economics of Agriculture*	3
AGRI 1500 Microcomputer Applications in Agriculture*	3
	16

Internship Options***

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

SECOND YEAR

Fall Semester

Course	Credits
AGRI 2015 Farm and Ranch Management	4
AGRI 2400 Forage, Pasture, and Grassland Production	3
AGRI 2410 Forage, Pasture, and Grassland Production Lab	1
AGRI 2830 Advanced Animal Nutrition	2
ENGL 1050 Workplace Communication*	3
	13

Spring Semester

Course	Credits
AGRI 1310 Agricultural Marketing System	3
AGRI 1400 Farm and Environmental Safety	2
AGRI 1420 Interpersonal Skills*	3
AGRI 2210 Animal Health	3
AGRI 2290 Agricultural Commodities Marketing	3
AGRI 2890 Agriculture Capstone Experience	1
	15

Second Year Electives**

Course	Credits
Select two of the following courses:	**4**
AGRI 2810 Horsemanship and Horse Care (*fall*)	2
AGRI 2840 Cow Calf Production Management (*fall*)	2
AGRI 2260 Beef Feedlot Production Management (*spring*)	2
AGRI 2285 Swine Production Management (*spring*)	2

Total Credit Hours 69-70

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

**See advisor for assistance choosing elective(s).

***Work with your advisor to choose the internship option that best fits your goals.