ANIMAL SCIENCE OPTION

Many graduates in the animal science option 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 option 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 college 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 the college in judging contests. **See page 63 for Agriculture required program of study.**

FRESHMAN YEAR

First Semester

Course	Credits
AGRI 1000 Microcomputer Applications	2
AGRI 1010 Animal Science	3
AGRI 1290 International Agriculture and Agribusiness	3
AGRI 1030 Introduction to Soil Science	3
AGRI 1040 Introduction to Soil Science Lab	1
AGRI 1340 Animal Science Lab	1
AGRI 1400 Farm and Environmental Safety	2
MATH1040 Applied Mathematics	3
	18

Second Semester

Course	Credits
AGRI 1230 Feeds and Feeding	3
AGRI 2290 Agriculture Commodities Marketing	3
AGRI 1320 Animal Reproduction Physiology	3
AGRI 1410 Introduction to the Economics of Agriculture	3
AGRI 1420 Interpersonal Skills	3
AGRI 2210 Animal Health	3
	18

Summer

AGRI 2040 Livestock Production Management	3
AGRI 2050 Livestock Production Management Lab	1.5
	4.5

NOTE: AGRI 1300, Cooperative Internship I (8 credit hours), may be substituted for the summer courses. If taking AGRI 1300, you must register for AGRI 1120 during the freshman spring semester.

SOPHOMORE YEAR

First Semester

Course	Credits
AGRI 2400 Forage, Pasture & Grassland Production	3
AGRI 2410 Forage, Pasture & Grassland Production Lab	1
AGRI 1020 Introduction to Farm Management Records	4
AGRI 2260 Beef Feedlot Production Management	2
AGRI 2280 Swine Production Management or	2
AGRI 2810 Horsemanship & Horse Care	2
AGRI 2830 Advanced Animal Nutrition	2
ENGL 1050 Career Composition	3
	17

Second Semester

Course	Credits
AGRI 2000 Integrated Spreadsheet Applications	3
AGRI 1210 Crop Production	3
AGRI 1220 Crop Production Lab	1
AGRI 1310 Agribusiness Management	3
AGRI 2820 Equine Production Management	2
AGRI 2840 Cow Calf Management	2
AGRI 2850 Sheep Management	2
AGRI 2860 Dairy Production Management	2
	18

Total Credit Hours **75.5**

NOTE: If student enrolls in ENGL 1010, an oral communication class will also be required. See General Education Requirements on page 37.

Up to 39 credit hours of agriculture courses in the above Northeast Agriculture Option will transfer to Wayne State College for the Bachelor of Science Degree/ Technology Major/Ag-Tech Option. Twenty-seven hours of lower division (sophomore level and below) general education credits will also transfer to Wayne State College for a total of 66 credit hours.

SEE PAGES 166-170 FOR AGRICULTURE COURSE DESCRIPTIONS.