

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

Freshman Year

FIRST SEMESTER

Course	Credits
AGRI 1000 Microcomputer Applications	2
AGRI 1010 Animal Science	3
AGRI 1020 Introduction to Agricultural Records	3
AGRI 1030 Introduction to Soil Science	3
AGRI 1040 Introduction to Soil Science Lab	1
AGRI 1070 Introduction to Livestock Selection and Carcass Judging (optional)	5
AGRI 1080 Introduction to Livestock Selection and Carcass Judging Lab (optional)	5
AGRI 1340 Animal Science Lab	1
AGRI 1400 Farm and Environmental Safety	2
MATH 1040 Applied Mathematics	3
	18-19

SECOND SEMESTER

Course	Credits
AGRI 1090 Livestock Selection and Carcass Judging I (Elective)	1
AGRI 1100 Livestock Selection and Carcass Judging I Lab (Elective)	1
AGRI 1230 Feeds and Feeding	3
AGRI 1310 Agribusiness Management	4
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
	19-21

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 1180 Livestock Selection & Carcass Judging II	2
AGRI 1190 Livestock Selection & Carcass Judging II Lab	2
or AGRI 2400 Forage, Pasture & Grassland Production	3
AGRI 2410 Forage, Pasture & Grassland Production Lab	1
AGRI 1260 Ag Marketing	3
AGRI 2260 Beef Feedlot Production Management	2
AGRI 2280 Swine Production Management	2
AGRI 2810 Horsemanship & Horse Care	2
AGRI 2830 Advanced Animal Nutrition	2
ENGL 1050 Career Composition	3
	18-22

SECOND SEMESTER

Course	Credits
AGRI 2000 Integrated Spreadsheet Applications	3
AGRI 1210 Crop Production	3
AGRI 1220 Crop Production Lab	1
or AGRI 2180 Livestock Selection & Carcass Judging III	1
AGRI 2190 Livestock Selection & Carcass Judging III Lab	1
AGRI 2290 Advanced Agricultural Marketing	3
AGRI 2820 Equine Production Management	2
AGRI 2840 Cow Calf Management	2
AGRI 2850 Sheep Management	2
AGRI 2860 Dairy Production Management	2
	16-20

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

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.