



Agricultural Management (630)

Associate of Applied Science

ABOUT OUR PROGRAM

This program prepares students for employment or self-employment in agricultural business, general production, or a dairy herd management specialty. Students enroll in a core of agricultural and general education courses. Each student will choose an emphasis area to complete the degree. Students who complete the Agricultural Production Certificate (605) may apply all of those courses to this degree program.

NATURE OF WORK AND EMPLOYMENT

Career paths include work with agricultural chemicals, feeds, fertilizers, grains, seeds, and other business fields. Specific jobs on farms include farm operator and farm/herd manager. Employment potential for this occupation is very good with a wide variety of agri-business and entrepreneurship opportunities.

SPECIAL CONSIDERATIONS

Students may wish to seek advice about transfer information in the field or about the Agriculture transfer degree listed in this catalog. A workplace experience is encouraged and may be made available.

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Scott Anderson, Dean of Business & Technology
- Justin Ebert, Agriculture Faculty
- Vicki Schulz, Student Advisor

Required Agriculture Courses

21 Sem. Hours

AGRI	182	Introductory Agricultural Mechanization	3
AGRI	184	Introduction to Agricultural Economics	3
AGRI	186	Introduction to Animal Science	4
* AGOC	240	Farm Business Management	3
AGRI	284	Introductory Soils	4
AGRI	286	Field Crop Science	4

Related Req. Courses

44 Sem. Hours

* BUSN	125	Mathematics of Business	3
BUSN	225	Personal Finance	3
* BUSN	141	Business Communications	3
INFT		Elective(s)	3
Selected courses from Emphasis Area or Electives			32

Minimum Total Hours =

65

**Agri-Business Emphasis

Required Courses

9 Sem. Hours

AGOC	220	Financing Agricultural Production	3
AGOC	221	Ag Policies, Programs, Legal Problems	3
AGOC	222	Marketing Agricultural Products	3

**Crop Management Emphasis

Required Courses

9 Sem. Hours

* AGOC	285	Soil Fertility and Fertilizers	3
AGOC	287	Precision Farming Technology	3
* AGOC	291	Plant Pest Identification and Control	3

**Dairy/Livestock Mngmnt Emphasis

Required Courses

17/18 Sem. Hours

AGOC	127	Forage Production	2
AGOC	129	Livestock Production	
		- or -	4
AGOC	145	Dairy Production	
+ AGOC	143	Evaluation of Livestock Animals	
		- or -	2
# AGOC	144	Evaluation of Dairy Animals	
AGOC	224	Artificial Insemination	2
AGOC	226	Animal Nutrition	4
AGOC	242	Beef Management	
		- or -	
AGOC	243	Swine Management	3/4
		- or -	
AGOC	245	Dairy Management	

+ Required for Livestock Judging Team members

Required for Dairy Judging Team members

Recommended Ag Courses

7 Sem. Hours

AGOC	229	Agri-Business Seminar	3
* OCED	290	Workplace Experience	4

Additional electives for each emphasis area may be selected from the following: AGOC, AGRI, ART, BIOL, BUSN, CHEM, EDUC, ELET, ENGL, EQUI, GEOG, GEOL, GERM, HIST, HUMA, INFT, JOUR, LIBS, MATH, MCOM, MTEC, MUS, NSCI, PHIL, PHYD, PHYS, POL, PSY, RUSS, SOCI, SPAN, SPCH, THEA, WELD, WTEC

* Course has a prerequisite. See course description.

