

ANIMAL SCIENCES PRODUCTION/BUSINESS OPTION
Effective Fall 2007¹

GENERAL EDUCATION REQUIREMENTS
(40-43 credits)

Communication (9 credits)

English 1000 3 hrs
 Comm 1200 or Ag Ec 2220 3 hrs
 Elective 3 hrs
 Agriculture 2190
 Ag Educ 2220
 Ag Journ 3210, 3240
 Comm 1200, 3441, 3572, 3575, 3576
 Comm Sci & Disorders 1110
 English 2010, 2030
 Foreign Language
 Rural Sociology 2225
 Theater 1400

Mathematics (5-6 credits)

Math 1100 or 1120 or higher 3 hrs
 (i.e., 1160, 1320, 1400, 1500)
 Math or Statistics 2-3 hrs

Physical and Biological Sciences
(11-13 credits)

Biology 1010 & 1020 or 1500 5 hrs
 or FW 1100
 Chem 1100 or 1310 & 1320 3-5 hrs
 Biochemistry 2110 3 hrs

Social and Behavioral Sciences
(9 credits)

Ag Econ 1041 & 1042 or 6 hrs
 (equivalent micro/macro)
 History 1100 or 1200 or
 Political Sci 1100 or 2100 3 hrs

Humanistic Studies and Fine Arts
(6 credits)

Approved humanistic studies
 or fine arts credits.

ELECTIVE HOURS (14-17 credits)

Courses recommended for this area are shown on the following page.

DEPARTMENTAL REQUIREMENTS
(71 credits)

Freshman Year (11 credits)

A.S. 1011 Animal Science (f) 3 hrs
 A.S. 1065 Lab Practicum (f/sp) 2 hrs
 A.S. 1013 Biotech in An Agri (sp) 3 hrs
 A.S. 2175 Monogastric Prod (sp) 3 hrs

Sophomore Year (14 credits)

A.S. 2114 Live An & Meat Eval (f) 3 hrs
 A.S. 2165 Ruminant Prod (f) 3 hrs
 A.S. 2111 Soph Seminar; **WI** (sp) 3 hrs
 A.S. 3254 Phy of Dom An (f) 3 hrs
 A.S. 3255 Phy of Dom An Lab (sp) 2 hrs

Junior Year (16 credits)

A.S. 2115 Livestock Judg (f) 3 hrs
 A.S. 3212 Prin of An Nutr (f) 2 hrs
 A.S. 3213/4323 Genetics; **MRP** (sp) 5 hrs
 A.S. 3232 An Feeds & Feeding (sp) 3 hrs
 A.S. 4314 Repro Physiol (sp) 3 hrs

A.S. Production Systems 3 hrs

Select one **Capstone** course from:

A.S. 4975 Beef Prod & Mgt; **WI** (sp)
 A.S. 4976 Adv Dairy Prod; **WI** (f)
 A.S. 4977 Horse Prod (sp)
 A.S. 4978 Swine Prod & Mgt; **WI** (f)
 A.S. 4979 Poultry Prod & Mgt; **WI** (f)

A.S. 4940 Internship 3 hrs

Leadership Course 3 hrs

Ag Educ 2250 or 2260

Supporting Courses 21 hrs

Production Thread **or** Business Thread
 Required courses shown on the next page

¹ Degree requirements for students matriculating Fall Semester, 2007.

Supporting Courses (21 hrs)

PRODUCTION THREAD

AgEcon 3260	General Farm Management (3)
AgEcon 3257	Rural and Agricultural Law (3)
AgEcon 4962	Planning the Farm Business (3)
ASM 4220	Materials Handling and Conditioning (3)
PlSci 2110	Plant Growth and Culture (3)
PlSci 3270	Forage Crops (3)
Soils 2100	Introduction to Soils (3)

OR

BUSINESS THREAD

Acct 2036	Accounting I (3)
AgEcon 2183	The Agricultural Marketing System (3)
AgEcon 2223	Agricultural Sales (3)
AgEcon 3224	New Products Marketing (3)
AgEcon 3256	Agribusiness and Biotechnology Law (3)
AgEcon 3294	Agricultural Marketing and Procurement (3)
Mgt 3000	Fundamentals of Management (3)

Courses Suggested for the General Electives Area

Acct 2037	Accounting II (3)
AgEcon 3282	Agribusiness Finance (3)
A.S. 2110	Global Animal Agriculture (2)
A.S. 3214	Prin of Meat Sci (3)
A.S. 3231	Prin of Dairy Foods Sci (3)
A.S. 4312	Monogastric Nutr (3)
A.S. 4332	Ruminant Nutr (3)
A.S. 4354	Physl/Biochem Muscle Food (3)
A.S. 4384	Reproductive Mgt (3)
A.S. 4387	Equine Breeding Mgt (3)
A.S. 4975	Beef Prod & Mgt (3)
A.S. 4976	Adv Dairy Prod (3)
A.S. 4977	Horse Prod (3)
A.S. 4978	Swine Prod & Mgt (3)
A.S. 4979	Poultry Prod & Mgt (3)
ASM 1040	Physical Principles for Agricultural Applications (3)
ASM 4360	Precision Agricultural Science and Technology (3)
Biomed Sci 2230	Animal Sanitation and Disease Prevention (3)
Soils 2106	Soil Science Laboratory (2)
EQS 410	Horse Keeper (3)