

ANIMAL SCIENCES ANIMAL PRODUCTS OPTION
Effective Fall, 2009

GENERAL EDUCATION REQUIREMENTS
(42-48 credits)

Communication (9 credits)

English 1000	3 hrs
Comm 1200 or Ag Ed 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 1200 or higher	3 hrs
(i.e. 1160, 1320, 1400, 1500)	
Statistics or math	2-3 hrs

Physical and Biological Sciences
(13-18 credits)

Biology 1010 & 1020 or 1500	
or FW 1100	5 hrs
Chemistry 1310 & 1320	5 hrs
Organic or Biochemistry	3-8 hrs
Chem 2050 or	
Chem 2100 & 2110 & 2130 or	
Biochem 2110 or 2112 or 3630	

Social and Behavioral Sciences
(9 credits)

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

Humanistic Studies and Fine Arts
(6 credits)

Approved humanistics studies	
or fine arts credits	6 hrs

ELECTIVE HOURS (30-36 credits)

DEPARTMENTAL REQUIREMENTS
50 credits

Freshman Year (5 credits)

F.S.1030 Food Sci. & Nut. (f/sp)	3 hrs
A.S.1065 Lab Practicums (f/sp)	2 hrs

Sophomore Year (14 credits)

A.S. 2111 Soph. Seminar; WI (sp)	3 hrs
A.S. 2165 Ruminant Prod (f)	3 hrs
or A.S. 2175 Monogastric Prod (sp)	
A.S. 3254 Phys Dom Anim (f)	3 hrs
A.S. 3255 Phys Dom Anim lab (sp)	2 hrs
F.S. 2172 El. Food Micro (sp)	3 hrs

Junior Year (10 credits)

A.S. 3213/4323 Genetics; MRP (sp)	5 hrs
A.S. 3212 Prin of An Nut (f)	2 hrs
A.S. 3232 An Feeds & Feeding (sp)	3 hrs

Senior Year (21 credits)

Animal Product Systems	3 hrs
<u>Select one Capstone course from:</u>	
A.S./F.S. 4354 Physl/Biocm Muscle (sp)	
F.S. 4970 Food Product Develop; WI (f/odd)	
F.S. 4980 Food Quality Assurance (f/even)	

A.S. Production Systems 3 hrs

<u>Select one Capstone course from:</u>	
A.S. 4975 Beef Prod & Mgt; WI (sp)	
A.S. 4976 Adv Dairy Prod; WI (f)	
A.S. 4978 Swine Prod & Mgt; WI (f)	
A.S. 4979 Poultry Prod & Mgt; WI (sp)	

A.S./F.S. Products Courses* 6 hrs

<u>Select 6 hrs from:</u>	
A.S./F.S. 2114 Live An & Meat Eval (f)	
A.S./F.S. 2131 Dairy Prod Eval (sp)	
A.S./F.S. 3214 Prin of Meat Sci (f)	
A.S./F.S. 3231 Prin of Dairy Food Sci (sp)	
F.S. 4344 Proc Muscle Food (sp/odd)	

*At least one course \geq 3000

A.S. Senior Electives 9 hrs

<u>Select from:</u>	
A.S./F.S. 3214 Prin of Meat Sci (f)	
A.S./F.S. 3231 Prin of Dairy Food Sci (sp)	
A.S./F.S. Animal Products Systems Course(s)	
(4354, 4970, 4980)	
A.S. 4312 Monogastric Nutr (f)	
A.S. 4314 Repro Physiology (sp)	

A.S. Senior Electives (continued)

A.S. 4332 Ruminant Nutr (sp)	
F.S. 4370 Food Microbiology	
A.S. 4384 Reproductive Mgt (f)	
A.S. Production Systems Course(s)	
(4975, 4976, 4978, 4979)	
A.S. 4940 Internship (max 3 hr)	
Agri. 2190 or approved internatl study (max 3 hr)	
Approved undergrad research (Jr. or Sr.; max 3 hr)	