

ANIMAL SCIENCES CURRICULUM REQUIREMENTS
Effective Fall 2004¹

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

Physical and Biological Sciences
(13 to 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)

A.S. 1011 Intro to An. Sci.(f) 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
 A.S. 2175 Monogastric Prod (sp) 3 hrs
 A.S. 3254 Phys Dom Anim (f) 3 hrs
 A.S. 3255 Phys Dom An Lab (sp) 2 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)

A.S. Production Systems 6 hrs

Select two Capstone courses 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** (sp)

A.S. Products Course 3 hrs

Select one course from:

A.S. 2114 Live An & Meat Eval (f)
 A.S. 3214 Prin of Meat Sci (f)
 A.S. 3231 Prin of Dairy Foods Sci (sp)
 A.S. 4354 Physl/Biocm Muscle Food (sp)

A.S. Senior Electives 12 hrs

Select from:

A.S. 4312 Monogastric Nutr (f)
 A.S. 4314 Repro Physiology (sp)
 A.S. 4332 Ruminant Nutr (sp)
 A.S. 4384 Reproductive Mgt (f)
 A.S. 4387 Equine Breeding Mgt (sp)
 EQS 410 Horse Keeper
 A.S. Production Systems Course(s)
 (4975, 4976, 4977, 4978, 4979)
 A.S. Products Course(s)
 (3214, 3231, 4354)
 A.S. 4940 Internship (max 3 hrs)
 Agri. 2190 or approved internatl study (max 3 hrs)
 Approved undergrad research (Jr. or Sr.; max 3hrs)

¹ Degree requirements for students matriculating Fall Semester, 2004.