## ANIMAL PRODUCTS OPTION

### Fall 2013

### GENERAL EDUCATION REQUIREMENTS

**Communications (9 credits)**
- English 1000 (≥ C-)
- Comm 1200 or Ag Educ 2220
- Communication Elective:
  - Ag Educ 2220
  - Comm 1200, 3441, 3572, 3575
  - CSD 1100
  - English 2010, 2030
  - IS&LT 4360
  - Rural Soc 2225
  - Sci Ag J 2210, 3210, 3240
  - Theatre 1400
  - Foreign Language Course

**College Algebra (3 credits)**
- Math 1100 or higher (≥ C-)
  - (i.e. 1160, 1320, 1400, 1500)
  - 3 hrs

**Biol, Phy &/or Math Sciences (15 credits)**
- Biol 1500 or FW 1100*
- Chem 1320 (MRP)
- Chem 2030 or 2100 or
  - Biochem 2110 or 2112 or 3630
- Statistics 1200 or higher (MRP)
  - 3 hrs

**Social & Behavioral Sciences (9 credits)**
- Ag Econ 1041 or Econ 1014
- Ag Econ 1042 or Econ 1015
- History 1100 or 1200 or
  - Political Sciences 1100 or 2100
  - 3 hrs

**Humanistic Studies & Fine Arts (6 credits)**
- Approved humanities studies or fine arts
  - 3 hrs
- Select from:
  - http://generaleducation.missouri.edu
  - Distribution of content (see advisor)

**GENERAL ELECTIVES (27 credits)**
- 27 hrs

### DEPARTMENTAL REQUIREMENTS

**Freshman Year (5 credits)**
- F.S. 1030 Food Sci & Nutr (f/sp)
- A.S. 1065 Lab Practicum (f/sp)
  - 2 hrs

**Sophomore Year (14 credits)**
- A.S. 2111 Soph Seminar (WI, ≥ C-, sp)
- A.S. 2165 Ruminant Prod (f)
- or A.S. 2175 Monogastric Prod (sp)
- A.S. 3254 Physiol Dom An* (f)
- A.S. 3255 Physiol Dom An Lab* (sp)
- F.S. 2172 Elem Food Micro (sp)
  - 3 hrs

**Junior Year (11 credits)**
- A.S. 3212 Prin of An Nutr (f)
- A.S. 3213 Gen of Pts & An* (sp)
- A.S. 3232 An Feeds & Feeding (sp)
- A.S. 4323 Appl Lvst Gen (MRP, sp)
- or A.S. 4324 Genomics of Pts & Animals
  - 2 hrs

**Senior Year (21 credits)**
- Select one Capstone course from:

**A.S. Production Systems**
- A.S. 4795 (B), 4976 (D), 4978 (S), 4979 (P)
  - 3 hrs

**A.S. Products Courses (select two)**
- (A.S. 2114, 3214, 3231, 4344, 4354)
  - 6 hrs

**A.S. Senior Electives**
- A.S. 4312 Monogastric Nutr (f)
- A.S. 4314 Repro Physiol* (f, sp)
- A.S. 4332 Ruminant Nutr (sp)
- A.S. 4384 Reproductive Mgt (f)
- A.S. 4437 Environmental Physiol (f)

**A.S. Products (3214, 3231, 4344, 4354)**
- A.S. Production (4975, 4976, 4977, 4978, 4979)
- A.S. 4940 Internship (max of 3 hrs)
- A.S. 4950 Research (Jr. or Sr.; max 3 hrs)
- Agri 2190 or approved internatl study (max 3 hrs)

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*Courses considered biology equivalent by the MU College of Veterinary Medicine.

All students must complete distribution of content requirements and one MRP course (C- grade or higher).