



### Third Year

#### Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 333-333L	Livestock Reproduction & Lab	p. VET 223	3	F	
AS 241-241L	Introduction to Meat Science & Lab		3	F/S	
CHEM 464	Biochemistry I	p. CHEM 229 or CHEM 328	3	F	
MICR 231-231L or MICR 233-233L	General Microbiology & Lab or Introductory Microbiology & Lab	p. CHEM 106 or CHEM 112 p. BIOL 151 and 6 credits of CHEM	4		
Group 1 Ag Elective	Select at least 1 additional credit from the approved Group 1 list	See catalog	3		
<b>Total Credit Hours</b>			16		

#### Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 319-319L	Livestock Feeds and Feeding & Lab	p. AS 219	3	F/S	
AS 332	Livestock Breeding and Genetics	p. AS 101 or DS 130; and BIOL 101/L or 151/L	4	F/S	
AS 389	Current Issues in Animal Science		3	F/S/SU	
VET 403	Animal Diseases and Their Control	p. Sophomore standing or higher	3	S	
Experiential Learning	Select one: ABS 482, AS 322, AS 400, AS 491, AS 494, or AS 498	Check prerequisites for selected course	1		
<b>Total Credit Hours</b>			14		

### Fourth Year

#### Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS Capstone Course  <i>*One course must be AS 474/L, 475/L, 476/L, 477/L, or 478/L</i>	Select from: AS 445-445L Value-Added Meat Products & Lab AS 450 Meat Product Safety and HACCP AS 474-474L Cow/Calf Management & Lab AS 475-475L Feedlot Operations and Management & Lab AS 476-476L Horse Production & Lab AS 477-477L Sheep and Wood Production & Lab AS 478-478L Swine Production & Lab	p. AS 241/L p. AS 241/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L, AS 332 and AS 333/L	3	F F even F/S F S F S	
PHYS 111-111L or PHYS 211-211L	Introduction to Physics I & Lab or University Physics I & Lab	p. MATH 114 or higher p. MATH 123 or MATH 125	4		
STAT 281 or NRM 282-282L ACCT 210	Introduction to Statistics or Natural Resources Statistics & Lab Principles ET 285.29 85.464 16 reW* nBT/F2 9 Tf1 0 0 1 54	p. MATH 103 or higher p. MATH 114 or higher	3	F/S/SU F	