



Third Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 241-241L	Introduction to Meat Science & Lab		3	F/S	
AS 333-333L	Livestock Reproduction & Lab	p. VET 223	3	F	
AS Capstone Course	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	
CHEM 464	Biochemistry I	p. CHEM 229 or CHEM 328	3	F	
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		
Total Credit Hours			16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 389	Current Issues in Animal Science		3	F/S/SU	
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	
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		
PHYS 113-113L or PHYS 213-213L	Introduction to Physics II & Lab or University Physics II & Lab	p. PHYS 111 p. PHYS 211 and MATH 125	4		
STAT 281 or NRM 282-282L	Introduction to Statistics or Natural Resources Statistics & Lab	p. MATH 103 or higher p. MATH 114 or higher	3	F/S/SU F	
Total Credit Hours			17		

Fourth Year

Fall