

Department: Animal Science & Veterinary Technology

Program: BS in Animal Science

Skill Set	Professional Application	Delivery of Skill Set Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
Master depth of knowledge required for by the degree	<ul style="list-style-type: none"> • Study the basic biology & behavior of domestic animals; all husbandry practices (i.e., breeding, reproduction, nutrition, marketing, health/well-being, etc.); and effects of management practices, processing methods, genetics, feeding, & environment on quantity/quality of animal productions (meat, milk, & fiber) • Written or oral demonstration of knowledge gained 	ANSC 1211, 1419, & 2307 (I) ANSC 2310 (R) ANSC 3302, 3304, 3308, 3313, 3335, 3336, 3390 ¹ , 3390 ² , 3390 ⁴ , 4301, 4303, 4307, 4308 (M)
Demonstrate critical thinking	<ul style="list-style-type: none"> • Problem identification & development of decision-making skills • Development of entire production plans • Development of animal & animal production marketing plans 	ANSC 1419 (I) ANSC 2310, 3304, 3305 (R) ANSC 3336, 3390 ³ , 4307, 4308, 4395, livestock judging team & meat judging team (M)
Communicate effectively	<ul style="list-style-type: none"> • Written reports/opinion papers • Written/oral reasons • Introductions, short presentations, & group presentations • Poster/oral presentations of research endeavors 	ANSC 1211 (I) ANSC 3309 (R) ANSC 4307, livestock judging team, & meat judging team (M) AGRI 3372 (M)
Work collaboratively	<ul style="list-style-type: none"> • Work in teams to complete typical animal husbandry practices • Group research projects • Individual/honors research projects • Internships 	ANSC 2310 (I) * All 3000 & 4000 course (R) ANSC 3302, 3309, 3390 ² , 3336 & 3995 (M)
Demonstrate social, cultural, and global competencies	<ul style="list-style-type: none"> • Internships • Course (ANSC 4305) addressing global animal production • Consumer interviews 	ANSC 1419 (I) *All 3000 & 4000 course (R) ANSC 4305 (M) AGRI 3372 (M)