

West Texas A&M University
STARR Center
Degree Checklist
2008-2009

NAME: _____

WT ID: _____

DATE: _____

Animal Science – Pre-Veterinary Option
Department of Agricultural Sciences
ANS 213 651-2550

CORE CURRICULUM COURSES: 25 HOURS ♦		HRS	
Number of hours does not include specific core requirements listed below.			
Communication (10)			
ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311*/** (ENG 270)	6		
Communication (11)			
See University Core Requirements below	(3)		
Mathematics (20)			
See University Core Requirements below	(3)		
Natural Sciences (30)			
See University Core Requirements below	(8)		
Humanities (40-41)			
ENGL 2321*/** (NEW), 2326*/** (NEW), 2331*/** (NEW), 2341*/** (NEW), 2343*/** (NEW); HIST 2311 (110), 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); or SPAN 2312*/** (207) Choose 1	3		
Visual and Performing Arts (50)			
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303 (NEW); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) Choose 1	3		
Social and Behavioral Sciences (60)			
HIST 1301 (201), 1302 (202), 2301 Choose 2	6		
Social and Behavioral Sciences (70)			
POSC 2305 (101) or POSC 2370 (NEW); 2306 (102)	6		
Social and Behavioral Sciences (80)			
See University Core Requirements below	(3)		
Institutionally Designated Option (90)			
PHED 1111 (SES 101); PHED/ANSC activity course; DANC 1241 (1070), 2241* (2370); MUEN 1026 Upon written recommendation of the University physician or the coordinator for Student Disability Services, students may substitute a one hour elective course in lieu of physical education course.	1-2		
ANIMAL SCIENCE REQUIREMENTS: 113 HOURS Courses required for a degree in Animal Science.			
UNIVERSITY CORE REQUIREMENTS: 17 HOURS			
CORE 11 SCOM 1321** (201) Business & Prof. Communication	3		
CORE 20 MATH 1314* (110) College Algebra	3		
CORE 30 BIOL 1413, 1413L (121, 121L) Zoology	4		
CORE 30 CHEM 1411*, 1411L (101, 101L) Chemistry I	4		
CORE 80 AGBE 2317*(213) Fundamentals of Agricultural Economics	3		
DEPARTMENT CORE: 13 HOURS			
IDS 1071 (IDS 101) (INTERDISCIPLINARY STUDIES) NOTE: SPECIAL SECTION-AG MAJORS UNLESS REQUIRED TO TAKE 3 HR COURSE	1		
AGRI 3301 (301) Genetics BIOL 3301 (301) Genetics Choose 1	3		
AGRI 3318* (318) Agricultural Statistics	3		
ANSC 1319, 1319L (121, 121L) Principles of Animal Sci.	3		
PSES 1307, 1307L (112, 112L) Principles of Plant Science	3		
MAJOR AND PRE-PROFESSIONAL REQUIREMENTS: 80 HRS****			
AGBE 3301* (301) Farm and Ranch Management AGBE 3304* (304) Agricultural Business Mgt. Choose 1	3		

Bachelor of Science Degree
BS.PRE.VET (505)

AGBE 3302* (302) Marketing of Agricultural Products	3		
AGRI 3330* (330) Computer Applications in Agriculture	3		
AGRI 4103* (403) Senior Seminar	1		
ANSC 1329 (230) Food Science	3		
ANSC 2371* Anatomy and Physiology of Domestic Farm Animals	3		
ANSC 2376*, 2376L (204, 204L) Meat Animal and Carcass Evaluation	3		
ANSC 3317*, 3317L Meat Science	3		
ANSC 3340*, 3340L (350) Reproductive Physiology	3		
ANSC 3355* (355) Animal Breeding	3		
ANSC 3374 (374) Principles of Nutrition	3		
ANSC 3375*, 3375L (375) Feeds and Feeding	3		
Take three courses from: ANSC 4320*, 4320L (420) Beef Cattle Management ANSC 4321*, 4321L Stocker Cattle Management ANSC 4322*, 4322L (422) Dairy Cattle Management ANSC 4324*, 4324L (424) Swine Management ANSC 4326*, 4326L (426) Poultry and Game Bird Mgt. ANSC 4328*, 4328L (428) Feedlot Management ANSC 4370*, 4370L (470) Equine Science and Production	9		
BIOL 2572*, 2572L (212) Microbiology	5		
CHEM 1412*, 1412L (102, 102L) Chemistry II	4		
CHEM 2523*, 2523L (201, 201L) Organic Chemistry I	5		
CHEM 2525*, 2525L (202, 202L) Organic Chemistry II	5		
CHEM 4323* (421) Biochemistry I (lecture hours only)	3		
CHEM 4324* (422) Biochemistry II (lecture hours only)	3		
ENGL 2311* (ENG 270) Intro. to Technical Communication	3		
IPM 2313 (PSES 251) Economic Entomology	3		
PHYS 1401* (101) General Physics I	4		
PHYS 1402* (102) General Physics II	4		
PSES 3411*, PSES 3411L (311) Soils	4		
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	141		

♦ Core curriculum courses should be taken during the first two years of enrollment. For a list of core courses with descriptions see www.wtamu.edu/starr/.

* Indicates prerequisites—see [catalog](#) for more information.

** Satisfies Texas A&M University College of Veterinary Medicine preprofessional requirements.

*** Or an equivalent course (second year, second semester) in French or German.

**** Students may complete a bachelor of science degree in animal science, which includes pre-veterinary medicine requirements. Students do not have to complete the bachelor of science degree to apply for admission to a veterinary college. Once students have completed the preprofessional requirements, they may apply. Completion of the preprofessional requirements can be done in as little as two years but usually takes three or four years of undergraduate study.

Preprofessional requirements of the 27 schools and colleges of veterinary medicine in the United States vary. Students interested in applying to a school or college of veterinary medicine outside Texas should contact the school or college to obtain information on preprofessional requirements.

Note: This is NOT a degree plan. Upon completion of 60 hours, apply for a degree plan in the office of the dean of the College of Agriculture, Science and Engineering located in the Agriculture and Natural Sciences Building, Room 106, or call 651-2585.