

West Texas A&M University
Advising Services
Degree Checklist
2013-2014

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME: _____ WT ID: _____ DATE: _____

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

CORE CURRICULUM COURSES: 42 HOURS †		HRS
Specific course(s) required for this major are listed in the next section.		
Communication (10)		
See University Core Requirements below	(6)	
Communication (11)		
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3	
Mathematics (20)		
See University Core Requirements below	(3)	
Natural Sciences (30)		
See University Core Requirements below	(8)	
Humanities (40-41)		
ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); SPAN 2312*/** (207) or SPAN 2315**/*** Choose 1	3	
Visual and Performing Arts (50)		
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209*; or THRE 1310 (105) Choose 1	3	
Social and Behavioral Sciences (60)		
HIST 1301 (201) or 1303; 1302 (202) or 1304; 2301; 2381 Choose 2	6	
Social and Behavioral Sciences (70)		
POSC 2305 (101) or 2370; 2306 (102)	6	
Social and Behavioral Sciences (80)		
See University Core Requirements below	(3)	
Institutionally Designated Option (90)		
See University Core Requirements below	(3)	
ANIMAL SCIENCE/PRE-VET OPTION MAJOR REQUIREMENTS: 115-118 HOURS		
A grade of "C" or better must be earned in all courses required for major.		
UNIVERSITY CORE REQUIREMENTS: 23 HOURS		
CORE 10		
ENGL 1301*** (ENG 101) and 2311*/*** (ENG 270)	6	
CORE 20		
MATH 1314* (110) College Algebra	3	
CORE 30		
BIOL 1406***, 1406L (101) Basic & Contemporary Biology OR BIOL 1413***, 1413L (121) Zoology	4	
CORE 30		
CHEM 1411*/***, 1411L (101, 101L) Chemistry I	4	
CORE 80		
AGBE 2317*(213) Fundamentals of Agricultural Economics	3	
CORE 90		
CIDM 1301 (CIS 105, IDM 1301) Intro. to Information Science	3	
DEPARTMENT CORE: 13-15 HOURS		
IDS 1071 (IDS 101) Elementary Group Dynamics NOTE: Take special 1-hour Agriculture section, unless required to take 3-hour course.	1-3	
AGRI 3301*** (301) Genetics OR BIOL 3301*** (301) Genetics	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: 79-80 HOURS****		
AGBE 3301* (301) Farm and Ranch Management OR AGBE 3304* (304) Agricultural Business Management	3	
AGBE 3302* (302) Marketing of Agricultural Products	3	

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

AGRI 1329 (ANSC 230, 1329) Food Science	3	
AGRI 4103* (403) Senior Seminar	1	
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: NOTE: No more than two of the following (4320, 4321, 4322, 4328) may be taken to meet major requirements. 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 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 -5 hours if taken with lab (CHEM 4223L). TAMU requires only lecture hrs.	3	
CHEM 4324*/*** (422) Biochemistry II (lecture hours only) -5 hours if taken with lab (CHEM 4224L). TAMU requires only lecture hrs.	3	
PHYS 1401*/*** (101) General Physics I	4	
PHYS 1402*/*** (102) General Physics II	4	
Take two courses from: PSES 2313 (PSES 251, IPM 2313), 2411, 2411L (311, 3411), 4302 (402), 4321	6-7	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	136-139	

† A minimum of 42 hours from the core curriculum is required. Some majors specify particular courses to meet core-curriculum requirements when options are available. Ideally, these courses should be taken during the first two years of enrollment.

* Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in a foreign language.

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

**** 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: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. A maximum of six semester hours in religion and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. After completing 30 hours, students are encouraged to request an official 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). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.