

**West Texas A&M University  
Advising Services  
Degree Checklist  
2014-2015**

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

NAME: \_\_\_\_\_ WT ID: \_\_\_\_\_ DATE: \_\_\_\_\_

**Agriculture—Animal Science  
Department of Agricultural Sciences  
ANS 213 651-2550**

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
<b>Communication (Code 10)</b>		
ENGL 1301 (ENG 101) Introduction to Academic Writing and Argumentation	3	
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3	
<b>Mathematics (Code 20)</b>		
See University Core Requirements below	(3)	
<b>Life and Physical Sciences (Code 30)</b>		
See University Core Requirements below	(6)	
<b>Language, Philosophy and Culture (Code 40)</b>		
ANTH 2351 (201), ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); PHIL 1301 (101), 2374 (204); SPAN 2311* (206), 2312** (207), 2313* or SPAN 2315** <b>Choose 1</b>	3	
<b>Creative Arts (Code 50)</b>		
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209* (extra MUSI hour moves to Code 90); or THRE 1310 (105) <b>Choose 1</b>	3	
<b>American History (Code 60)</b>		
HIST 1301 (201), 1302 (202), 2301, 2381 <b>Choose 2</b>	6	
<b>Government/Political Science (Code 70)</b>		
POSC 2305 (101) and 2306 (102)	6	
<b>Social and Behavioral Sciences (Code 80)</b>		
See University Core Requirements below	(3)	
<b>Component Area Option (Code 90)</b>		
See University Core Requirements below	(6)	
<b>ANIMAL SCIENCE MAJOR REQUIREMENTS: 84-86 HOURS</b> A grade of "C" or better must be earned in all courses required for major.		
<b>UNIVERSITY CORE REQUIREMENTS: 18 HOURS ♦</b>		
<b>CORE 20</b> MATH 1314* (110) College Algebra	3	
<b>CORE 30</b> BIOL 1413[3] (121) Zoology OR BIOL 1406[3] (101) Basic and Contemporary Biology I	3	
<b>CORE 30</b> CHEM 1411*[3] (101) Chemistry I	3	
<b>CORE 80</b> AGBE 2317*(213) Fundamentals of Agricultural Economics	3	
<b>CORE 90</b> IDS 1071[1]; CHEM 1411L[1]; BIOL 1413L[1 or 1406[1]; <b>AND</b> ENGL 1302 (ENG 102) or 2311 (ENG 270)	6	
<b>DEPARTMENT CORE: 12 HOURS</b>		
AGRI 3301 (301) Genetics OR BIOL 3301 (301) Genetics	3	
AGRI 3318* (318) Agricultural Statistics	3	
ANSC 1319, 1319L (121, 121L) Principles of Animal Science	3	
PSES 1307, 1307L (112, 112L) Principles of Plant Science	3	
<b>AGRICULTURAL SCIENCE CORE: 19-20 HOURS</b>		
AGBE 3301* (301) Farm and Ranch Management OR AGBE 3304* (304) Agricultural Business Management	3	
AGBE 3302* (302) Marketing of Agricultural Products	3	
AGRI 1329 (ANSC 230, 1329) Food Science	3	

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AGRI 4103* (403) Senior Seminar	1	
ANSC 3374* (374) Principles of Nutrition	3	
<b>Take two courses from:</b> PSES 2313 (PSES 251, IPM 2313) Economic Entomology PSES 2411, 2411L (311, 3411) Soils and the Environment PSES 4302 Range/Forage/Wildlife Management PSES 4321 Grain, Fiber and Oilseed Crops	6-7	
<b>MAJOR REQUIREMENTS: 35-36 HOURS</b>		<b>HRS</b>
CHEM 1412*, 1412L (102, 102L) Chemistry II	4	
BIOL 2420*, 2420L (210) Applied Microbiology OR BIOL 2572*, 2572L (212) Microbiology	4-5	
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 3375*, 3375L (375) Feeds and Feeding	3	
<b>Take three courses from:</b> ANSC 4311E Pharmaceutical Use in Cattle 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	
<b>ELECTIVES: 7-9 HOURS BY ADVISEMENT ♦</b>		
ELECTIVES	7-9	
<b>TOTAL HOURS REQUIRED TO COMPLETE DEGREE</b>	<b>120</b>	

♦ NOTE: The core curriculum must total **exactly 42 hours**; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.

\* Indicates prerequisites—see catalog for more information.

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



First Year			
Fall		Spring	
H o u r s  14	CORE 90-IDS 1071	1	H o u r s  16
	CORE 30-LAB SCIENCE	4	
	CORE 10-ENGL 1301	3	
	CORE 20-MATH 1314**	3	
	ANSC 1319/1319L	3	

Second Year			
Fall		Spring	
H o u r s  16	ANSC 2376	3	H o u r s  15
	AGBE 2317	3	
	CHEM 1412/1412L	4	
	CORE 70-POSC 2305 or 2306	3	
	PSES ELECT***	3	

Third Year			
Fall		Spring	
H o u r s  15	AGRI 3318	3	H o u r s  13
	ANSC 3317	3	
	ANSC 3340	3	
	CORE 50	3	
	ANSC 3374	3	

Fourth Year			
Fall		Spring	
H o u r s  16	ANSC* 4324/4324L or 4328/4328L	3	H o u r s  15
	AGBE 3301 OR 3304	3	
	AGRI 4103	1	
	ELECTIVES	6	
	ANSC* 4324 OR 4328 or 4320/L or 4370/L in SP	3	

NOTES: \* Animal Science Production courses - must take three of: ANSC 4320, 4321, 4322, 4324, 4328 or 4370.  
 \*\* MATH 1314 is a prerequisite for CHEM 1411. If unable to enroll in CHEM 1411 during the fall, then it is recommended to complete CHEM in the spring semester and CHEM 1412 during the summer.  
 \*\*\* Two courses from PSES 2313, 2411, 4302, or 4321.

**DISCLAIMER:** This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 45 hours. Students should always seek the advice of their academic adviser before scheduling classes.