## West Texas A&M University **Advising Services Degree Checklist** 2017-2018 (For assistance completing this form, contact Advising Services at 806-651-5300)

NAME:

WT ID:

DATE:

## Animal Science – with a Specialization in Pre-Veterinary Medicine (see Arnote below) **Department of Agricultural Sciences** ANS 213 651-2550

CORE CURRICULUM COURSES: 42 HOURS +	HRS		_
Communication (Code 10)			
ENGL 1301*** Intro. to Academic Writing & Argumentation	3		
COMM 1315***, 1318***, or 1321***	3		
Mathematics (Code 20)			
See University Core Requirements below	(3)		
Life and Physical Sciences (Code 30)	_		
See University Core Requirements below	(6)		
Language, Philosophy and Culture (Code 40) ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*;			
HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*,	3		
2312*/**, 2313*, 2315*, or 2371 Choose 1	Ũ		
Creative Arts (Code 50)		1	
ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI	3		
1307, MUSI 1310; or THRE 1310 Choose 1 American History (Code 60)			
	C		
HIST 1301, 1302, 2301, 2381 Choose 2 Government/Political Science (Code 70)	6		
	6		
POSC 2305 and 2306	6		
Social and Behavioral Sciences (Code 80) See University Core Requirements below	(2)		
Component Area Option (Code 90)	(3)		
See University Core Requirements below	(6)		
ANIMAL SCIENCE MAJOR REQUIREMENTS: 84-86 HOU		_	_
A grade of "C" or better must be earned in all courses required f		jor.	
UNIVERSITY CORE REQUIREMENTS: 18 HOURS +	-		
CORE 20			
MATH 1314* College Algebra	3		
CORE 30			
ANSC 1319, 1319L Principles of Animal Science AND PSES 1307, 1307L Principles of Plant Science	6		
CORE 80	0		
AGBE 2317* Fundamentals of Agricultural Economics	3		
<u>CORE 90</u> ENGL 1302* OR ENGL 2311*/***	3		
CORE 90			
AGRI 2300 Personal and Professional Leadership	3		
Development			
AGRICULTURAL SCIENCE COURES: 25-26 HOURS			
AGRI 1329 Food Science	3		
AGRI 3301*** Genetics <b>OR</b>	~		
BIOL 3301*** Genetics	3		
AGRI 3318*/*** Agricultural Statistics	3		
AGBE 3301* Farm and Ranch Management <b>OR</b>	~		
AGBE 3304* Agricultural Business Management	3		
AGBE 3302* Marketing of Agricultural Products	3		
ANSC 3374*/*** Principles of Nutrition	3		
AGRI 3103* Agricultural Industry and Career Preparation	1		
Take two courses from:			
PSES 2313 Economic Entomology			
PSES 2411, 2411L Soils and the Environment			
PSES 3350 Rangeland Plants	67		
PSES 3354 Ecology of Rangeland & Agricultural Systems PSES 4302 Range/Forage/Wildlife Management	6-7		
PSES 4321 Grain, Fiber and Oilseed Crops			
PSES 4352* Integrated Grazing and Wildlife Habitat Mgt.			
PSES 4356 Rangeland Improvements			

## **Bachelor of Science Degree BS.ANIMAL.SCI (503)**

MAJOR REQUIREMENTS: 43-44 HOURS	HRS					
BIOL 1406***, 1406L Basic and Contemporary Biology I OR BIOL 1413***, 1413L Zoology	4					
CHEM 1411*/***, 1411L Chemistry I	4					
CHEM 1412*/***, 1412L Chemistry II	4					
BIOL 2420***, 2420L Applied Microbiology <b>OR</b> BIOL 2572***, 2572L Microbiology	4-5					
ANSC 2371* Anatomy and Physiology of Domestic Farm Animals	3					
ANSC 2376*, 2376L Meat Animal and Carcass Evaluation	3					
ANSC 3317*, 3317L Meat Science	3					
ANSC 3340*, 3340L Reproductive Physiology	3					
ANSC 3355* Animal Breeding	3					
ANSC 3375*, 3375L Feeds and Feeding	3					
Take three courses from:         ANSC 4320*, 4320L Beef Cattle Management         ANSC 4321*, 4321L Stocker Cattle Management         ANSC 4322*, 4322L Dairy Cattle Management         ANSC 4324*, 4324L Swine Management         ANSC 4328*, 4328L Feedlot Management	9					
ANSC 4329* Meat Animal Welfare Management ANSC 4370*, 4370L Equine Science and Production						
ADDITIONAL PREPROFESSIONAL REQUIREMENTS: 22 HOURS						
CHEM 2423*/***, 2423L Organic Chemistry I AND CHEM 2425*/***, 2425L Organic Chemistry II	8					
CHEM 4323*/*** Biochemistry I -TAMU requires only lecture hours	3					
PHYS 1401*/*** General Physics I AND PHYS 1402*/*** General Physics II	8					
PSYC 2301*** General Psychology	3					
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120*	***				

• 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.

& Students may complete pre-veterinary medicine requirements while earning a Bachelor of Science degree in Animal Science. 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 outside of Texas should contact the school or college to obtain formation on preprofessional requirements. The courses on this checklist include the preprofessional requirements for the Texas A&M University College of Veterinary Medicine.

\* 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. \*\*\*\* Total hours with TAMU preprofessional requirements is 132-134.

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 by using the online Degree Plan Request form. Students who have questions about their degree plan should contact the office of the dean of the College of Agriculture and Natural Sciences, which is located in the Agriculture and Natural Sciences Building, Room 106 (phone 806-651-3570). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.

**Animal Science – with Pre-Veterinary Specialization** 

**Department of Agricultural Sciences** Advising Services Bachelor of Science Degree

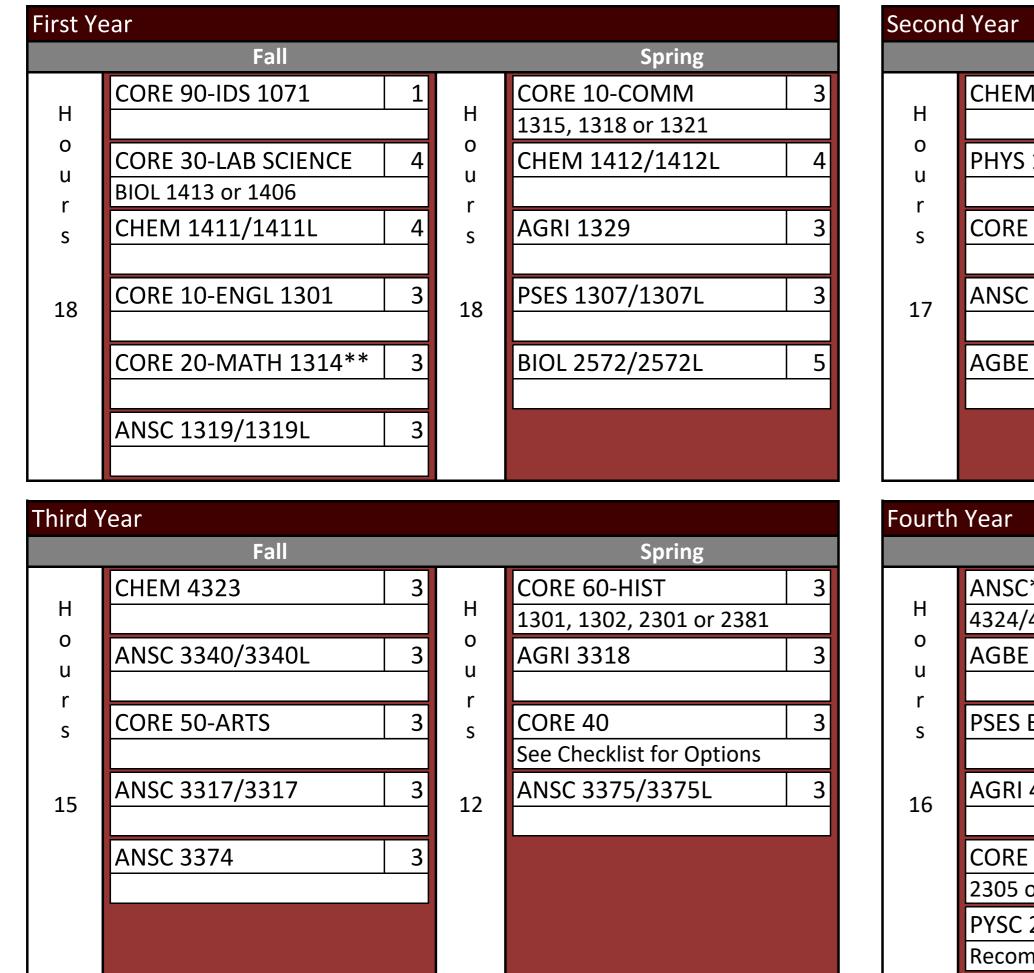
**BS.ANIMAL.SCI** 

2017 - 2018 Curriculum Guide

ANS 213

651-2550

Degree Plan Total Hours: 131



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

## Major Code: 503

Fall			Spring	
1 2423/2423L	4		AGRI 3301	3
		H		
1401/1401L	4	o u	PHYS 1402/1402L	4
		u r		
90-ENGL 2311	3	S	CHEM 2425/2425L	4
2376/2376L	3	17	ANSC 2371	3
		17		
2317	3		CORE 60-HIST	3
			1301, 1302, 2301 or 2381	

Fall			Spring	
*	3		ANSC*	3
4324L or 4328/4328L		H	4320/4320L or 4370/4370L	
3301 OR 3304	3	o u	CORE 70-POSC	3
		r u	2305 or 2306	
ELECT***	3	s	ANSC 3355	3
4103	1	18	AGBE 3302	3
		10		
70-POSC	3		PSES ELECT***	3
or 2306				
2301	3		ANSC*	3
nmended-see checklis	t			