## West Texas A&M University **Advising Services Degree Checklist** 2021-2022

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

NAME:	WT ID:	DATE:

#### **Animal Science Department of Agricultural Sciences** AGS 220 651-2550

AGS 220 651-2550			
CORE CURRICULUM COURSES: 42 HOURS ◆		HRS	
Communication (Core 10)			
NGL 1301 Introduction to Academic Writing and Argumentation			
COMM 1315, 1318, or 1321			
Mathematics (Core 20)			
See University Core Requirements below			
Life and Physical Sciences (Core 30)			
See University Core Requirements below	(6)		
Language, Philosophy and Culture (Core 40)  ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, 2315* or 2371 Choose 1	3		
Creative Arts (Core 50)			
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307, 1310; or THRE 1310 Choose 1	3		
1310; or THRE 1310 Choose 1  American History (Core 60)			
	6		
HIST 1301, 1302, 2301, 2381, 2382 Choose 2	6		
Government/Political Science (Core 70)			
POSC 2305 and 2306	6		
Social and Behavioral Sciences (Core 80)			
See University Core Requirements below	(3)		
Component Area Option (Core 90) See University Core Requirements below	(6)		
	(6)		
ANIMAL SCIENCE MAJOR REQUIREMENTS: 84-86 HOUF A grade of "C" or better must be earned in all courses required for the state of the stat		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 AGBE 2317* Fundamentals of Agricultural Economics	3		
CORE 90 ENGL 1302* Research and Rhetoric OR			
ENGL 1302 Research and Riferonic OR  ENGL 2311* Introduction to Professional and Technical  Communication	3		
ENGL 2311* Introduction to Professional and Technical	3		
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90  AGRI 2300 Personal and Professional Leadership			
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90  AGRI 2300 Personal and Professional Leadership Development			
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90  AGRI 2300 Personal and Professional Leadership Development  AGRICULTURAL SCIENCE COURSES: 25-26 HOURS	3		
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  AGRICULTURAL SCIENCE COURSES: 25-26 HOURS  AGRI 1329 Food Science  AGRI 3301 Genetics OR	3		
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  AGRICULTURAL SCIENCE COURSES: 25-26 HOURS  AGRI 1329 Food Science  AGRI 3301 Genetics OR BIOL 3301 Genetics	3 3		
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90  AGRI 2300 Personal and Professional Leadership Development  AGRICULTURAL SCIENCE COURSES: 25-26 HOURS  AGRI 3329 Food Science  AGRI 3301 Genetics OR  BIOL 3301 Genetics  AGRI 3318* Agricultural Statistics  AGBE 3301* Farm and Ranch Management OR	3 3 3		
ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  AGRICULTURAL SCIENCE COURSES: 25-26 HOURS  AGRI 3329 Food Science  AGRI 3301 Genetics OR BIOL 3301 Genetics  AGRI 3318* Agricultural Statistics  AGRE 3301* Farm and Ranch Management OR  AGBE 3304* Agricultural Business Management	3 3 3 3		

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

Take two courses from: PSES 2313 Economic Entomology PSES 2311 Fundamental of Soil Science PSES 3350 Rangeland Plants PSES 3354 Ecology of Rangeland & Agricultural Systems PSES 4302 Range/Forage/Wildlife Management PSES 4321 Grain, Fiber and Oilseed Crops PSES 4352* Integrated Grazing and Wildlife Habitat Mgt. PSES 4356 Rangeland Improvements	6	
MAJOR REQUIREMENTS: 43-44 HOURS	HRS	
BIOL 1406 Basic and Contemporary Biology I <b>or</b> BIOL 1413 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		
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  ANSC 4329* Meat Animal Welfare Management  ANSC 4370*, 4370L Equine Science and Production		
ANSC 4098* Animal Science Internship  ELECTIVES: 8-10 HOURS BY ADVISEMENT ◆		
ELECTIVES	0.40	
	8-10	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE		

- ◆ 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.

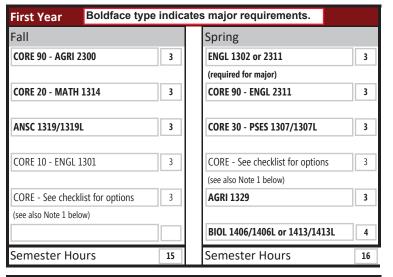
  \* Indicates prerequisites—see catalog for more information.

  \*\* Or an equivalent course (second year, second semester) in a foreign language.
- NOTE: At least 36 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU. A maximum of six semester hours in religion (RELI) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

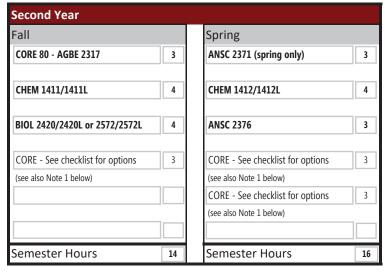
NOTE: This is NOT a degree plan. All undergraduate students must request an official degree plan from their academic dean's office by the time they have completed 30 credit hours.

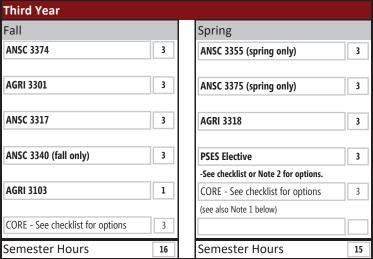
# WTAMU ADVISING SERVICES 2021-2022 Curriculum Guide

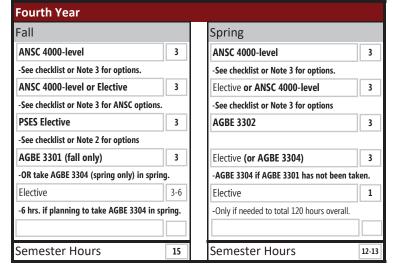
Major: Animal Science, B.S.



Major Code: 503







#### **Degree Total Hours 120**

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 30 hours. Students should always seek the advice of their academic adviser before scheduling classes.

#### **Identified Marketable Skills:**

- 1. Agriculturally literate
- 2. Teachable/leadership/followership
- 3. Problem solver
- 4. Professional
- 5. Communicator
- 6. Competent in field of study

# Top 3 Local Employers or Industries/Professional Programs/Possible Career Opportunities

Feeding Operations Research Laboratories Nutrition

## **Prerequisites/Important Sequences/Other degree Notes:**

Note 1 - CORE: Animal Science majors are required to take specific courses for Core 20, Core 30, Core 80, and Core 90. For all other core categories, they may select from any available options (see degree checklist). Apart from the major-specific core requirements, there is no set order in which core courses must be taken.

Note 2 - PSES Electives: Take two courses from PSES 2313, 2311, 3350, 3354, 4302, 4321, 4352, 4356. At least one course must be advanced.

Note 3 - ANSC 4000-level: Take three courses from ANSC 4320, 4321, 4322, 4324, 4328, 4329, 4370, 4098 (for 3 hours). E