### West Texas A&M University Advising Services Degree Checklist 2020-2021

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

NAME:	WT ID:	DATE:

# Agriculture, Food & Natural Resources (Grades 6-12) Certification Department of Agricultural Sciences AGS 220 651-2550

AGS 220 651-2550					
CORE CURRICULUM COURSES: 42 HOURS ◆	HRS				
Communication (Core 10)					
ENGL 1301 Introduction to Academic Writing and Argumentation	3				
COMM 1315, 1318, or 1321					
Mathematics (Core 20)	(0)				
See University Core Requirements below  Life and Physical Sciences (Core 30)	(3)				
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*, or 2315*, 2371 Choose 1					
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for					
music majors), 1310; or THRE 1310 Choose 1	3				
American History (Core 60)					
HIST 1301, 1302, 2301, 2381 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)				
AGRICULTURE SCIENCE AND TECHNOLOGY (GRADES 6-12) CERTIFICATION REQUIREMENTS: 96 HOURS A grade of "C" or better and a 2.75 GPA is required.^					
UNIVERSITY CORE REQUIREMENTS: 18 HOURS ◆					
CORE 20 MATH 1314* or 1324*	3				
CORE 30 ANSC 1319, 1319L Principles of Animal Science	3				
CORE 30 PSES 1307, 1307L Principles of Plant Science Note: BIOL 1406, BIOL 1411, or BIOL 1413 will also satisfy the second Core 30 requirement; however, PSES 1307 will still need to be taken as a major requirement—reducing the number of elective hours needed.					
CORE 80					
AGBE 2317* Fundamentals of Agricultural Economics	3				
AGBE 2317* Fundamentals of Agricultural Economics  CORE 90  ENGL 1302* Research and Rhetoric OR  ENGL 2311* Introduction to Professional and Technical Communication	3				
CORE 90 ENGL 1302* Research and Rhetoric <b>OR</b> ENGL 2311* Introduction to Professional and Technical					
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication CORE 90 AGRI 2300 Personal and Professional Leadership	3				
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  MAJOR REQUIREMENTS: 32 HOURS	3				
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  MAJOR REQUIREMENTS: 32 HOURS A grade of "C" or better and a 2.75 GPA is required.^	3				
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  MAJOR REQUIREMENTS: 32 HOURS A grade of "C" or better and a 2.75 GPA is required.^  AGRI 2372 Welding and Metalwork  AGRI 3303 Agricultural Agencies in the United States  AGRI 3304 Mechanical Systems Mgt. in Agriculture	3 3 3				
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  MAJOR REQUIREMENTS: 32 HOURS A grade of "C" or better and a 2.75 GPA is required.^  AGRI 2372 Welding and Metalwork  AGRI 3303 Agricultural Agencies in the United States  AGRI 3304 Mechanical Systems Mgt. in Agriculture  AGRI 3306 Agricultural Leadership in Youth Organizations	3 3 3 3				
CORE 90 ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication  CORE 90 AGRI 2300 Personal and Professional Leadership Development  MAJOR REQUIREMENTS: 32 HOURS A grade of "C" or better and a 2.75 GPA is required.^  AGRI 2372 Welding and Metalwork  AGRI 3303 Agricultural Agencies in the United States  AGRI 3304 Mechanical Systems Mgt. in Agriculture	3 3 3				

### **Bachelor of Science Degree Major: Agriculture**

BS.AG.EDS (497) - TexES Exams: 160, 272

AGRI 4302, 4302L Agricultural Buildings and Environment Control	3			
Take one course from:  AGBE 3301* Farm and Ranch Management  AGBE 3302* Marketing of Agricultural Products  AGBE 3304* Agricultural Business Management				
ANSC 3374* Principles of Nutrition				
PSES 1301, 1301L Principles of Horticulture	3			
PSES 1307, 1307L Principles of Plant Science (if not taken to satisfy Core 30)	0-3			
PSES 2411, 2411L Soils and the Environment	4			
EDUCATIONAL COMPONENT: 30 HOURS A grade of "C" or better and a 2.75 GPA is required.^	_			
AGRI 2371 Introduction to Agriculture Education	3			
AGRI 4305* Conducting Supervised Agricultural Experience	3			
EDPD 3340 Educational Foundations	3			
DPD 4341* Classroom Mgt. in Agriscience				
EDRD 4386 Secondary Reading in the Content Area				
EDSE 4321* Teaching in Agriscience	3			
EDSE 4340* Student Teaching—Secondary	3			
EDSE 4341* Student Teaching—Secondary	3			
EPSY 3341* Educational Psychology	3			
EPSY 3350 Children with Special Needs	3			
BACHELOR OF SCIENCE REQUIREMENTS: 6 HOURS		ION	ı	
Six hours chosen from biology, chemistry, geology, geosciences, mathematics, physics, or natural sciences.	6			
ELECTIVES: 10 HOURS				
ELECTIVES	10			
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE				
♦ NOTE: The core curriculum must total exactly 42 hours: excess hour	0 100	t ho		

<sup>◆</sup> 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.

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.

#### ^Transfer & WT GPA combined must be 2.75.

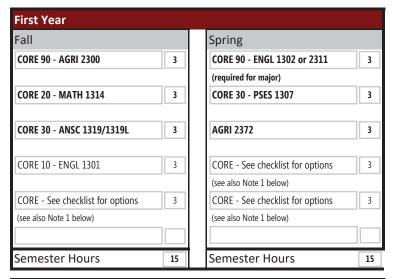
Note: This is NOT a degree plan. Upon completing 30 credit hours, students must request an official degree plan (using the online <a href="Degree Plan Request">Degree Plan Request</a> form) in order to progress. Students who have questions about their degree plan should contact the office of the dean of the Paul Engler College of Agriculture and Natural Sciences, which is located in the Happy State Bank Academic & Research Building, Suite 262 (phone 806-651-3570).

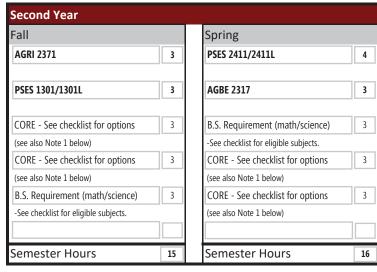
<sup>\*</sup> Indicates prerequisites—see catalog for more information.

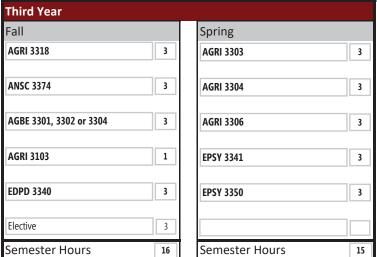
<sup>\*\*</sup> Or an equivalent course (second year, second semester) in a foreign language.

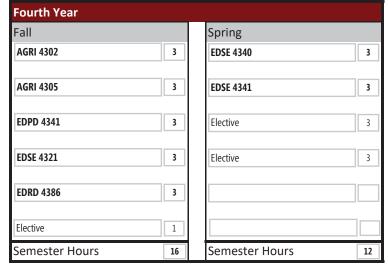
### WTAMU ADVISING SERVICES 2020-2021 Curriculum Guide

Major: Agriculture, Food & Natural Resources (6-12), B.S. Major Code: 497









### 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

Independent School Districts
Banking/lending
Extension

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

Note 1 - CORE: Agriculture, Food & Natural Resources (6-12) 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 requirements, there is no set order in which core courses must be taken.