

## West Texas A&M University Advising Services Degree Checklist 2019-2020

**FPC** This symbol indicates courses that apply towards degree programs at WT. All core classes are offered at FPC. Please refer to the list regarding major specific courses. Course prefixes and numbers may vary at each institution. Please contact an adviser to ensure the course will apply towards chosen core area.

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

### Agriculture Science and Technology (Grades 6-12) Certification Department of Agricultural Sciences AGS 220 651-2550

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS	FPC
<b>Communication (Core 10)</b>			
ENGL 1301 Introduction to Academic Writing and Argumentation		3	
COMM 1315, 1318, or 1321		3	
<b>Mathematics (Core 20)</b>			
See University Core Requirements below		(3)	
<b>Life and Physical Sciences (Core 30)</b>			
See University Core Requirements below		(6)	
<b>Language, Philosophy and Culture (Core 40)</b>			
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	3	
<b>Creative Arts (Core 50)</b>			
ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310	Choose 1	3	
<b>American History (Core 60)</b>			
HIST 1301, 1302, 2301, 2381	Choose 2	6	
<b>Government/Political Science (Core 70)</b>			
POSC 2305 and 2306		6	
<b>Social and Behavioral Sciences (Core 80)</b>			
See University Core Requirements below		(3)	
<b>Component Area Option (Core 90)</b>			
See University Core Requirements below		(6)	
<b>AGRICULTURE SCIENCE AND TECHNOLOGY (GRADES 6-12) CERTIFICATION REQUIREMENTS: 96 HOURS A grade of "C" or better and a 2.75 GPA is required.^</b>			
<b>UNIVERSITY CORE REQUIREMENTS: 18 HOURS ♦</b>			
<b>CORE 20</b> MATH 1314* or 1324*	FPC	3	
<b>CORE 30</b> ANSC 1319, 1319L Principles of Animal Science	FPC	3	
<b>CORE 30</b> PSES 1307, 1307L Principles of Plant Science <i>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.</i>	FPC	3	
<b>CORE 80</b> AGBE 2317* Fundamentals of Agricultural Economics	FPC	3	
<b>CORE 90</b> ENGL 1302* Research and Rhetoric <b>OR</b> ENGL 2311* Introduction to Professional and Technical Communication	FPC	3	
<b>CORE 90</b> AGRI 2300 Personal and Professional Leadership Development		3	
<b>MAJOR REQUIREMENTS: 32 HOURS A grade of "C" or better and a 2.75 GPA is required.^</b>			
AGRI 2372 Welding and Metalwork		3	
AGRI 3303 Agricultural Agencies in the United States		3	
AGRI 3304 Mechanical Systems Mgt. in Agriculture		3	
AGRI 3306 Agricultural Leadership in Youth Organizations		3	
AGRI 3318* Agricultural Statistics		3	
AGRI 3103* Agriculture Industry and Career Preparation		1	

### Bachelor of Science Degree Major: Agriculture BS.AG.EDS (497) – TexES Exams: 160, 172

AGRI 4302, 4302L Agricultural Buildings and Environment Control		3	
<b>Take one course from:</b> AGBE 3301* Farm and Ranch Management AGBE 3302* Marketing of Agricultural Products <b>FPC</b> AGBE 3304* Agricultural Business Management		3	
ANSC 3374* Principles of Nutrition		3	
PSES 1301, 1301L Principles of Horticulture		3	
PSES 1307, 1307L Principles of Plant Science (if not taken to <b>FPC</b> satisfy Core 30)		0-3	
PSES 2411, 2411L Soils and the Environment		4	
<b>EDUCATIONAL COMPONENT: 30 HOURS A grade of "C" or better and a 2.75 GPA is required.^</b>			
AGRI 2371 Introduction to Agriculture Education		3	
AGRI 4305* Conducting Supervised Agricultural Experience		3	
EDPD 3340 Educational Foundations <b>FPC</b>		3	
EDPD 4341* Classroom Mgt. in Agriscience		3	
EDRD 4386 Secondary Reading in the Content Area		3	
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 <b>FPC</b>		3	
<b>BACHELOR OF SCIENCE REQUIREMENTS: 6 HOURS <b>FPC</b> OPTION</b>			
Six hours chosen from biology, chemistry, geology, geosciences, mathematics, physics, or natural sciences.		6	
<b>ELECTIVES: 10 HOURS</b>			
ELECTIVES		10	
<b>MINIMUM HOURS REQUIRED TO COMPLETE DEGREE</b>		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.

\* 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.

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

**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 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). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.**

**WTAMU ADVISING SERVICES**  
**2019-2020 Curriculum Guide**

Major: Agricultural Science & Technology (6-12)

Major Code: 497

First Year			
Fall		Spring	
AGRI*2300	3	PSES*1307	3
ANSC*1319	3	AGRI*2372	3
ENGL*1301	3	ENGL*1302/2311	3
HIST*1301/1302/2301/2381	3	COMM*1315/1318/1321	3
MATH*1314/1324	3	HIST*1301/1302/2301/2381	3
Semester Hours	15	Semester Hours	15

Second Year			
Fall		Spring	
AGRI*2371	3	PSES*2411	4
PSES*1301	3	AGBE*2317	3
BS Math/Science	3	BS Math/Science	3
POSC*2305/2306	3	POSC*2305/2306	3
Core*50	3	Core*40	3
Semester Hours	15	Semester Hours	16

Third Year			
Fall		Spring	
AGRI*3318	3	AGRI*3303	3
AGRI*3103	1	AGRI*3304	3
ANSC*3374	3	AGRI*3306	3
AGBE*3301,3302,3304	3	EPSY*3341	3
EDPD*3340	3	EPSY*3350	3
Elective	3		
Semester Hours	16	Semester Hours	15

Fourth Year			
Fall		Spring	
AGRI*4302	3	EDSE 4340 Student Tch	3
AGRI*4305	3	EDSE 4341 Student Tch	3
EDPD*4341	3	Elective	3
EDSE*4321	3	Elective	3
EDRD 4386	3		
Elective	1		
Semester Hours	16	Semester Hours	12

**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 45 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
<b>Independent School Districts</b>
<b>Banking/lending</b>
<b>Extension</b>

Prerequisites/Important Sequences/Other degree Notes:

Additional links to MyPlan/Department Website/Onet can be placed here