

**West Texas A&M University
Advising Services
Degree Checklist
2024-2025**

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

NAME: _____ **WT ID:** _____ **DATE:** _____

**Agriculture—Non-Certification
Department of Agricultural Sciences
AGS 220 651-2550**

| CORE CURRICULUM COURSES: 42 HOURS | | HRS |
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| Communication (Core 10) | | |
| ENGL 1301 Intro. to Academic Writing & Argumentation OR ENGL 1311 Writing About Ideas | 3 | |
| COMM 1315, 1318, or 1321 | 3 | |
| Mathematics (Core 20) | | |
| See University Core Requirements below | (3) | |
| 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 (for music majors), 1310; or THRE 1310 Choose 1 | 3 | |
| American History (Core 60) | | |
| HIST 1301, 1302, 2301, 2381, or 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) | |
| AGRICULTURE MAJOR REQUIREMENTS: 88 HOURS A grade of "C" or better must be earned in all courses required for major. | | |
| UNIVERSITY CORE REQUIREMENTS: 18 HOURS ♦ | | |
| CORE 20 MATH 1314* College Algebra OR MATH 1324* Mathematics for Business and Economics I | 3 | |
| CORE 30 ANSC 1319, 1319L Principles of Animal Science | 3 | |
| CORE 30 PSES 1307, 1307L Principles of Plant Science | 3 | |
| CORE 80 AGBE 2317* Fundamentals of Agricultural Economics | 3 | |
| CORE 90 ENGL 1302* or 2311* | 3 | |
| CORE 90 AGRI 2300 Personal and Professional Leadership Development | 3 | |
| MAJOR REQUIREMENTS: 43 HOURS | | |
| AGRI 2371 Introduction to Agricultural Education | 3 | |
| AGRI 2372 Welding and Metalwork | 3 | |
| AGRI 3303 Agricultural Agencies in the United States | 3 | |
| AGRI 3304 Mechanical Systems Management in Agriculture | 3 | |
| AGRI 3306 Agricultural Leadership in Youth Organizations | 3 | |
| AGRI 3318* Agricultural Statistics | 3 | |
| AGRI 3103* Agricultural Industry and Career Preparation | 1 | |

**Bachelor of Science Degree
BS.AGRI (501)**

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| AGRI 4302, 4302L Agricultural Buildings and Environmental Control | 3 | |
| Take one course from: AGBE 3301* Farm and Ranch Management AGBE 3302* Marketing of Agricultural Products AGBE 3304* Agricultural Business Management | 3 | |
| Take one course from: AGRI 1329 Food Science ANSC 2376* Meat Animal and Carcass Evaluation ANSC 4329* Meat Animal Welfare Management | 3 | |
| ANSC 3374* Principles of Nutrition | 3 | |
| PSES 1301, 1301L Principles of Horticulture | 3 | |
| PSES 2311, 2311L Fundamentals of Soil Science | 3 | |
| SIX HOURS OF INTERNSHIP | 6 | |
| AGRICULTURAL ELECTIVES: 18 HOURS Complete 18 semester credit hours from any AGRI, AGBE, ANSC, or PSES course; 12 hours must be 3000-4000 level. | | |
| AGRICULTURAL ELECTIVES | 18 | |
| BACHELOR OF SCIENCE REQUIREMENTS: 6 HOURS | | |
| Six hours chosen from biology, chemistry, environmental science, geology, geosciences, mathematics, physics, or natural sciences. | 6 | |
| FREE ELECTIVES: 11 HOURS BY ADVISEMENT | | |
| ELECTIVES | 11 | |
| MINIMUM HOURS REQUIRED TO COMPLETE DEGREE | 120 | |

* Indicates prerequisites—see catalog for more information.

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

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 – 2024-2025 Curriculum Guide

Major: Agriculture (Non-Certification), B.S.

Major Code: 501

| Year 1: Fall | | Year 1: Spring | |
|--|-----------|--|-----------|
| CORE 10 – ENGL 1301 or 1311 | 3 | CORE 30 (Life & Phys. Sci.) – PSES 1307 | 3 |
| CORE 20 (Mathematics) – MATH 1314 | 3 | CORE 90 (Component Area Option) – ENGL 1302, 1312, or 2311 | 3 |
| CORE 30 (Life & Phys. Sci.) – ANSC 1319/1319L | 3 | AGRI 2372 Welding and Metalwork | 3 |
| CORE 90 (Component Area Option) – AGRI 2300 | 3 | CORE 60– See checklist for options ¹ | 3 |
| CORE 70 – See checklist for options ¹ | 3 | CORE 10 (COMM) – See checklist for options ¹ | 3 |
| Total: | 15 | Total: | 15 |
| Year 2: Fall | | Year 2: Spring | |
| AGRI 2371 Introduction to Agriculture Education | 3 | PSES 2311/2311L Fundamentals of Soil Science | 3 |
| PSES 1301/1301L Principles of Horticulture | 3 | CORE 80 (Social & Behav. Sci) – AGBE 2317 | 3 |
| CORE 60– See checklist for options ¹ | 3 | B.S. Requirement – See checklist for options | 3 |
| CORE 50– See checklist for options ¹ | 3 | CORE 40 – See checklist for options ¹ | 3 |
| B.S. Requirement – See checklist for options | 3 | CORE 70 – See checklist for options ¹ | 3 |
| Total: | 15 | Total: | 15 |
| Year 3: Fall | | Year 3: Spring | |
| AGRI 3318 Agricultural Statistics | 3 | AGRI 3303 Agricultural Agencies in the United States | 3 |
| AGRI 3103 Agricultural Industry and Career Preparation | 1 | AGRI 3304 Mechanical Systems Mgt. in Agriculture | 3 |
| AGRI 1329, 2376, or 4329 | 3 | AGRI 3306 Agricultural Leadership in Youth Organizations | 3 |
| Agricultural Elective(1) ² | 3 | Agricultural Elective(3) ² | 3 |
| Agricultural Elective(2) ² | 3 | Elective | 3 |
| Elective | 3 | | |
| Total: | 16 | Total: | 15 |
| Year 4: Fall | | Year 4: Spring | |
| ANSC 3374 Principles of Nutrition | 3 | Agricultural Elective(5) ² | 3 |
| AGBE 3301, 3302, or 3304 | 3 | Agricultural Elective(6) ² | 3 |
| AGRI 4302 Agricultural Buildings & Environmental Control | 3 | AGRI 4098 Agriculture Internship | 6 |
| Agricultural Elective(4) ² | 3 | Elective | 2 |
| Elective | 3 | | |
| Total: | 15 | Total: | 14 |

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 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.

² **Agricultural Electives:** Complete 18 credit hours from any AGRI, AGBE, ANSC, or PSES course; 12 hours must be 3000- or 4000-level.

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|--|---|
| <p>Identified Marketable Skills</p> <ol style="list-style-type: none"> 1. Agriculturally literate 2. Teachable/leadership/followership 3. Problem solver 4. Professional 5. Communicator 6. Competent in field of study | <p>Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities</p> <ul style="list-style-type: none"> Agricultural Extension Grain Merchandising Agricultural Sales |
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Additional notes:

- 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.
- 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.

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.