



AS Agriculture Science to  
Bachelor of Science in Agricultural and Applied Economics  
**Guided Pathway**  
Effective for the 2019-2020 Catalog



**First Year – Central Texas College**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> ENGL 1301 Composition I (010) (ENGL 1302)	<sup>c</sup> SPCH 1315 Public Speaking (010) (COMS 2300)
<sup>c</sup> HIST 1301 United States History I (060) (HIST 2300)	<sup>c</sup> HIST 1302 United States History II (060) (HIST 2301)
AGRI 1131 The Agriculture Industry (AGSC 1---)	AGRI 1309 Computers in Agriculture (AGSC 2300)
AGRI 1419 Introductory Animal Science (ANSC 1401)	AGRI 2330 Wildlife Conse. & Mgmt. (NRM 2301)
<sup>c</sup> GOVT 2306 Texas Government (070) (POLS 2306)	<sup>c</sup> Life Physical Science Selection (030)
Total Semester Hours: 14	Total Semester Hours: 16

**Second Year – Central Texas College**

It's best to apply to Texas Tech University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> GOVT 2305 Federal Government (070) (POLS 1301)	AGRI 2317 Intro. to Agri. Economics (080) (AAEC 2305)
<sup>c</sup> Math 2413 Calculus I (020) (MATH 1331)	<sup>c</sup> *Language/Philosophy/Culture Studies (040)
<sup>c</sup> Life and Physical Science Selection (030)	<sup>c</sup> *ECON 2301 Macroeconomics (080) (ECO 2302)
AGRI 1407 Agronomy (PSS 1321)	<sup>c</sup> *ENGL 1302 Composition II (090) (ENGL 1302)
	<sup>c</sup> *HUMA 1315 Fine Arts Appreciation (050)(ART 1309)
Total Semester Hours: 15	Total Semester Hours: 15

**AS: Agriculture Science**

You will need to apply for the Associates degree at your community college. Contact your advisor there for more information.

**Third Year – Texas Tech University**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> MATH 1331 – Intro. Math. Analysis II (090M)	AGSC 2301 – Computers in Ag. II
ENGL 2311 – Technical Writing OR ACOM 2302 – Scientific Communication in AG	AAEC 3302 – Agribusiness Finance
AAEC 3301 – Agribusiness Marketing	ACCT 2301 – Managerial Accounting
AAEC 3304 – Farm and Ranch Business Management	AAEC 3315 – Ag. Price Theory
ACCT 2300 – Financial Accounting	AAEC 2401 – Agricultural Statistics
Total Semester Hours: 15	Total Semester Hours: 16

**Fourth Year – Texas Tech University**

FIRST SEMESTER	SECOND SEMESTER
AAEC 4302 – Statistical Methods OR AAEC 4312 – Applied Optimization Methods	AAEC 3100 – Seminar
AAEC 3316 – Applied Risk Analysis and Management	AAEC 4306, 4313 or 4316
AAEC 4305 – Agricultural and Public Policy	AAEC 4317 – Commodity Futures Trading and Analysis
AAEC 4303, 4304, 4309, 4315, 4320 or 4385	Required Elective Courses (9 hours)
ECO 3311- Intermediate Macro Economics	
Total Semester Hours: 15	Total Semester Hours: 16

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

\* You may take a different course to meet this requirement. A specific list is available from your advisor.

<sup>c</sup> This course counts for the Core Curriculum at any public college or university in Texas.

( ) Course numbers shown in parentheses are equivalent to these courses at Texas Tech University.

**Texas Tech University Uniform Graduation Requirements**

**1. Foreign Language Requirement**

*Students graduating from Texas Tech University should be able to express, negotiate, and interpret meaning in a second language.*

Any entering student who has not completed two years of a single foreign language in high school must complete at least two semesters (or its equivalent) of a single foreign language at the first-year college level **or** at least one semester of a foreign language at a 2000 level or higher as a graduation requirement. This requirement may also be satisfied by transferring in the equivalent courses from another college or university. Individual Texas Tech University colleges may have additional foreign language proficiency requirements. Additional requirements may be necessary for select majors.

**2. Science Laboratory Requirement**

Students graduating from Texas Tech University are required to complete two semester credit hours of science laboratory courses. Normally this will be done by taking two 4-credit science courses or combinations of lecture and lab.

**3. Communication Literacy Requirement**

Students will complete the required communication literacy requirement.

**4. Core Curriculum Requirement**

Students will complete the required core curriculum.

**5. Multicultural Requirement**

In addition to the State of Texas core curriculum, every student must include at least one 3-hour multicultural course or its equivalent that focuses explicitly on the distinctive subcultures of the United States or on the culture of another society.

Maximum number of transferrable semester credits hours from a two-year institution applicable to a baccalaureate degree at the university is 80.

*For questions about the University portion of this pathway,  
Contact College of Agriculture Sciences & Natural Resource Management at 806-742-2808.*