



# Agriculture

AS (60 SCH\*)

\*Semester Credit Hour

5/2024

## First Semester - 16 SCH

AGRI 1131 - The Agricultural Industry  
AGRI 1329 - Principles of Food Science  
ENGL 1301 - Composition I  
HIST 1301 - United States History I  
COSC 1301 - Introduction to Computing  
MUSI 1306 - Music Appreciation

## Second Semester - 16 SCH

AGRI 1419 - Introductory Animal Science  
ENGL 1302 - Composition II  
HIST 1302 - United States History II  
MATH 1314 - College Algebra  
SPCH 1321 - Business & Professional Communication

## Third Semester - 13 SCH

AGRI 2317 - Introduction to Agricultural Economics  
COMM 1307 - Introduction to Mass Communications  
CHEM 1411 - General Chemistry I  
GOVT 2305 - Federal Government

## Fourth Semester - 15 SCH

AGRI 1407 - Agronomy  
BIOL 1409 - Biology for Non-Science Majors II  
CHEM 1412 - General Chemistry II  
GOVT 2306 - Texas Government

## Marketable Skills

- Critical Thinking/Problem Solving to Better Consider Economic Factors
- Written/Oral Communication
- Empirical/Quantitative Reasoning to Make Management Decisions
- Teamwork/Collaboration - Use Logic & Reasoning to Identify Strengths
- Organization/Time Management to Improve Planning
- Research/Planning - Analyze Information & Evaluate Results to Choose Best Solutions

## Program Outcomes

- Differentiate between traditional and alternative agricultural production.
- Demonstrate knowledge of basic terminology and understanding of major agricultural concepts.
- Understand general market characteristics, plant propagation techniques, soil survey maps and types/characteristics, and scientific animal production, management, & marketing.

## High School Endorsements

Business and Industry

## Expected Salary

**Texas wage data:** workers on average earn \$78,690; 10% of workers earn \$44,340 or less; 10% of workers earn \$158,340 or more.

**US wage data:** workers on average earn \$84,410; 10% of workers earn \$51,160 or less; 10% of workers earn \$166,620 or more.

## Transfer Path/Requirements

For Texas A&M Commerce:

- A student completing the Paris Junior College curriculum is considered Core complete at Texas A&M Commerce.
- No more than 60-66 SCH from PJC will be applied to a bachelor degree at TAMU-Commerce. Another 60 or more must be completed at TAMU-Commerce.
- For the agricultural science major, the student must go on to take another 60 hours, mostly consisting of agricultural science, plant science, and additional life and physical sciences. For the agribusiness major, the student must take an additional 60 hours, mostly consisting of agricultural courses and business courses.

\*Transfer Path Options

- BIOL 1406 & MATH 1314 are recommended for Animal Transfer Path Options Science, Horticulture/Plant Science, and Pre-Veterinary.
- MATH 1324 & Science Core for Agri-Business and AgEducation
- CHEM 1405 for Agri-Business, Agri-Science and AgEducation

## Career Opportunities

**AS Minimum:** Agricultural Products Insurance Specialist; Engineer; Park Ranger; Landscaper; Ranch Manager. **BS Minimum:** Arborist; Agricultural Inspector; Horticulturalist; Botanist; Conservationist; Forest Ranger; Soil and Plant Scientist; Agricultural Food Scientist; Agronomist; Wildlife Manager, County Extension Agent, Agriculture Teacher. **MS Minimum:** Agriculture Instructor; Agricultural Engineer.