

# Agricultural Science B.S. - Broadfield

A graduate with a major in agricultural science should possess competencies in basic economics and management, plant and animal operations, pest control, production and utilization of plant and animal products, marketing and food sciences. Examples of career options for graduates with an agricultural sciences major include agricultural civil service professions, technical and sales positions, landscape operations, county extension agents, ranch management, agronomic or horticultural production management, food manufacturing and preservation, and quality control.

## Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

## Required courses in the major

AG 1131	Intro To Agriculture	1
AG 300	Professional Agricultural Communications	1
AG 392	GLB/Appld Ethics US World Ag	3
AG 400	Seminar	1

Select one of the following sequences.

PLS 1307 & PLS 1107 or PLS 1315 & PLS 1115	Introduction to Plant Science and Introduction to Plant Science Lab Introduction to Horticulture and Introduction to Horticulture Laboratory	
PLS 309	Soil Science	3
PLS 329	Soil Science Laboratory	1
AEC 2317	Agricultural Economics	
ANS 1319	Introduction to Animal Science	3
ANS 1119	Introduction to Animal Science Laboratory	1
ANS 317 or AG 335 or AG 336	Livestock Management Techniques Wildlife Management I Wildlife Management II	3
AMC 315	Agri Sysms Technology Mgmt	3
FDSC 1329 or FDSC 318	Principles of Food Science Meat Technology	3

Agricultural Sciences electives 21

## Required support courses

CHEM 1305 & CHEM 1105	Survey of General Chemistry and Experimental Survey of General Chemistry: Laboratory Section	
BSC 1411 or BSC 1413 or CHEM 1307 & CHEM 1107	Botany Zoology Survey of Organic and Biochemistry and Experimental Survey of Organic and Biochemistry: Laboratory Section	4
PLS 2313	Economic Entomology	3

## Additional Electives Required

Electives required to meet minimum program hours 27

**Total Hours** 120

A grade of "C" or higher must be earned in all courses in this Major with the exception of the Support Course a grade of "D" is acceptable.