

# Agricultural Science and Technology B.S. - Industry Emphasis

The Bachelor of Science degree with a major in Agricultural Science and Technology is available with an emphasis in teacher certification, ornamental horticulture, or industry. The purpose the Agricultural Science and Technology B.A./B.S. with emphasis in Ornamental Horticulture is to prepare students for a variety of exciting careers. From golf courses to greenhouses, environmental agencies to major corporations, horticulturists with knowledge in ornamental plants, turf grasses, soils and landscape design are in high demand. This program will provide you with the knowledge to broadly serve retail centers and wholesale growers, small residential yards and commercial landscapes, "street" trees and backyard or green roof gardeners.

## Core Curriculum Courses

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

## Required Courses in the major

AG 300	Professional Agricultural Communications	1
AG 335	Wildlife Management I	3
AG 392	GLB/Appld Ethics US World Ag	3
AG 400	Seminar	1
AEC 314	Farm Management	3
AGED 371	Agricultural & Youth Leadershi	3
AMC 315	Agri Systms Technology Mgmt	3
AG 423	Natural Resources Management	3

Select one of the following sequences 4

PLS 1315 Introduction to Horticulture  
& PLS 1115 and Introduction to Horticulture Laboratory

Or

PLS 1307 Introduction to Plant Science  
& PLS 1107 and Introduction to Plant Science Lab

PLS 309 Soil Science 3

PLS 329 Soil Science Laboratory 1

Advanced 300/400 level AEC Electives 9

AMC/ANS/PLS Advanced 300/400 level electives 9

## Specialized Agricultural Tech

Community College courses in specialized agricultural tech 32

## Required support courses

Select one of the following sequences:

CHEM 1305 Survey of General Chemistry  
& CHEM 1105 and Experimental Survey of General Chemistry: Laboratory Section  
& CHEM 1307 and Survey of Organic and Biochemistry  
& CHEM 1107 and Experimental Survey of Organic and Biochemistry: Laboratory Section

Or

CHEM 1411 General and Quantitative Chemistry I  
& CHEM 1312 and General and Quantitative Chemistry II

Or

CHEM 1411 General and Quantitative Chemistry I  
& CHEM 1307 and Survey of Organic and Biochemistry  
& CHEM 1107 and Experimental Survey of Organic and Biochemistry: Laboratory Section

**Total Hours**

**120**

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This course can be used to fulfill the Core Curriculum Requirements.

A grade of "C" or higher must be earned in all courses in this Major.