

Agricultural Science and Technology B.A./B.S. - Emphasis in Ornamental Horticulture

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.

Core Curriculum Courses

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

Required courses in the Emphasis

AG 1131	Intro To Agriculture	1
AG 300	Professional Agricultural Communications	1
AG 400	Seminar	1
AG 405	Internship Agri-Industries	6
PLS 1315	Introduction to Horticulture *	
PLS 1115	Introduction to Horticulture Laboratory	1
PLS 230	Ornamental Plant Identification	3
PLS 2313	Economic Entomology	3
PLS 305	Landscape Design	3
PLS 306	Plant Propagation	3
PLS 309	Soil Science	3
PLS 329	Soil Science Laboratory	1
PLS 320	Soil Fert-Plant Nutrition	3
PLS 430	Greenhouse Management	3
PLS 450	Landscape Management	3

Required support courses

AEC 2317	Agricultural Economics *	
AG 392	Appld Ethics US World Ag	3
BSC 1411	Botany	4
MGT 305	Principles of Management	3

Select one of the following sequences.*

CHEM 1305 & CHEM 1105 & CHEM 1307 & CHEM 1107	Introductory Chemistry I and Introductory Chemistry Laboratory I and Introductory Chemistry II and Introductory Chemistry Laboratory II *	
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Or

CHEM 1311 & CHEM 1111 & CHEM 101 & CHEM 1307 & CHEM 1107	General and Quantitative Chemistry I and General and Quantitative Chemistry Laboratory I and General Chemistry Tutorial I and Introductory Chemistry II and Introductory Chemistry Laboratory II *	
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Minor Required 18

PLS electives, 6 sh (6 adv) 6

Ag Sci elective, 6 sh (3 adv) 6

Electives (3) 3

Total Hours 120

* This course can be used to satisfy the Core Curriculum Requirements.

A grade of "C" or better is required in major course and allow a grade of D in support courses.