

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 (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required courses in the Emphasis

PLS electives, 6 sh (6 adv) 6

Ag Sci elective, 6 sh (3 adv) 6

Electives (21) 21

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 1

PLS 1115 Introduction to Horticulture Laboratory 3

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 3

AG 392 GLB/Appld Ethics US World Ag 4

BSC 1411 Botany 3

MGT 305 Principles of Management 3

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 1311 General and Quantitative Chemistry I
& CHEM 1111 and General and Quantitative Chemistry Laboratory I
& CHEM 101 and General Chemistry Tutorial I
& CHEM 1307 and Survey of Organic and Biochemistry
& CHEM 1107 and Experimental Survey of Organic and Biochemistry: Laboratory Section

Total Hours

120

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