

AGRICULTURE PLANT SCIENCE (AS-T DEGREE S0847)

Natural Sciences Division Degree S0847

The Associate in Science in Agriculture Plant Science for Transfer Degree includes topics such as propagation, plant production practices, nursery operations, soil science, plant pest and disease control, and landscape management. The Associate in Science in Agriculture Plant Science for Transfer prepares students with the foundational knowledge necessary to pursue post-secondary degrees in Plant Science and careers within a variety of specializations in the field. The Associate in Science in Agriculture Plant Science for Transfer is designed to assist students in seamlessly transferring to a CSU major in Plant Science.

To earn an Associate in Science in Agriculture Plant Science for Transfer, a student must complete a minimum of 60 semester units that are eligible for transfer to the CSU system that consist of the Cal-GETC pattern and a major of at least 18 units more. Students must have a minimum GPA of 2.0 in all CSU-transferable coursework to receive an associate degree for transfer and all courses in the major must be completed with a C or better. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass or No Pass basis. Students earning an associate degree for transfer will not be required to complete any other local graduation requirements.

Required Courses

Course Prefix	Course Name	Units
Core Courses		17-18
AGOR 1	Horticultural Science	
AGOR 50	Soil Science and Management	
BUSC 1B	Principles of Microeconomics	
or BUSC 1BH	Principles of Microeconomics - Honors	
BUSC 17	Applied Business Statistics	
or PSYC 10	Statistics for the Behavioral Sciences	
or STAT C1000	Introduction to Statistics	
or STAT C1000H	Introduction to Statistics - Honors	
CHEM 40	Introduction to General Chemistry	
or CHEM 50	General Chemistry I	
or CHEM 50H	General Chemistry I - Honors	
List A		
Choose one course from the following:		3
AGOR 2	Plant Propagation/Greenhouse Management	
AGOR 29	Ornamental Plants - Herbaceous	
AGOR 30	Ornamental Plants - Trees and Woody Shrubs	
AGOR 51	Tractor and Landscape Equipment Operations	
CHEM 20	Introductory Organic and Biochemistry	
CHEM 80	Organic Chemistry I	
Total Units for the Major		20-23
General Education (Cal-GETC) units ¹		34
Total Units		60

¹ Courses may be double-counted for the major and Cal-GETC. However, courses may not be double-counted to satisfy more than one area of Cal-GETC.

Program Learning Outcomes

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.