ASSOCIATE IN SCIENCE IN AGRICULTURE PLANT SCIENCE FOR TRANSFER (AS-T)

Students completing the Associate in Science in Agriculture Plant Science for Transfer will be able to seamlessly transfer into the CSU system to pursue a baccalaureate degree in Agriculture Plant Science. Students completing this degree will have an introductory foundation for the field of Agriculture Plant Science through the study of soil science, agricultural economics, plant science and plant propagation. Students will acquire skills and abilities in soil sampling and testing, developing an operations budget, identifying common crops in the San Joaquin Valley, describing common propagation practices in production agriculture, demonstrating safe work practices and operating farm machinery.

Program Outcomes

- Identify food and fiber crops in the San Joaquin Valley and their economic importance to the local and state economy.
- Understand the relationships between plant, soil, and water, and their impact on plant health, nutrition and the environment.

Transfer & Career Opportunities

This Associate in Science in Agriculture Plant Science for Transfer (AS-T) Degree is intended to meet the lower division requirements for Agriculture Plant Science for all CSU campuses. Students planning to transfer to institutions other than the CSU are encouraged to consult ASSIST.org (http://www.assist.org) and a COS counselor for program planning and course selection. Most common career opportunities with a baccalaureate degree include: farm manager, research assistant, farm sales and service, propagation manager, and pest control advisor.

Program Requirements

Code	Title	Units
GENERAL EDUCATION		37-39
Select one of the following General Education patterns:		
California State University General Education (CSU-GE) *		
Intersegmental General Education Transfer Curriculum (IGETC-CSU) **		
+		
REQUIRED MAJOR COURSES		17
AG 004	Soil Science	3
AGMT 001	Agriculture Economics *	3
CHEM 020	Introduction to General Chemistry *	4
MATH 021	Introduction to Statistics *	4
PLSI 001	Intro to Plant Science *	3
+		
RESTRICTED ELECTIVES		3
Select one of the following courses:		
AGTC 103	Farm Power	3
OH 002	Plant Identification 1	3
OH 003	Plant Identification 2	3
OH 105	Plant Propagation	3
+		
ELECTIVES		13
Select additional degree applicable courses numbered 1-199 to achieve 60 units.		
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TOTAL		60

* Course(s) meets General Education requirement and 12 units may double counted above in 1A (CSU GE).

** 10 units may double counted above in 1B (IGETC-CSU). IGETC-CSU requires completion of IGETC AREA 1C.

The Associate in Science Degree for Transfer requirements include completion of the 60 unit program defined above with at least 12 units taken in residence at College of the Sequoias with a “C” (2.0) average and a “C” or better grade in all required major and restricted electives courses (see Transfer Information and Requirements (https://catalog.cos.edu/transfer-information-requirements/) for additional details).