

# AGRICULTURE PLANT SCIENCE FOR TRANSFER (AST.APS)

## ASSOCIATE IN SCIENCE FOR TRANSFER

**Program Outcomes:** Upon successful completion of this program a student will be able to:

- identify food and fiber crops 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.
- identify common problems in crop production and provide recommendations to improve quality and yields.

### Required Major Courses (21-24 units)

<input type="checkbox"/> ABT-90 – Soil Science	3.0
<input type="checkbox"/> CHM-22 – Introduction to Chemistry	4.0
<b>OR</b>	
CHM-1A – General Chemistry	5.0
<input type="checkbox"/> ABT-53 – Agribusiness Economics	3.0
<b>OR</b>	
ECO-5 – Principles of Microeconomics	3.0
<input type="checkbox"/> MAT-13 – Elementary Statistics	4.0
<input type="checkbox"/> ABT-92 – Plant Science	3.0
<input type="checkbox"/> MFGT-71 –Agricultural and Industrial Equipment	3.0
<b>OR</b>	
CHM-12A – Organic Chemistry	5.0

**SUBTOTAL: 20-23 UNITS**

### General Education –Required Courses

*Students must complete the following General Education Plans:*

**CSU-GE (see page 70) 39 units**

**IGETC (see page 72) 37 units**

*Students can double-count required courses and courses for General Education*

**■ Electives (Courses Numbered 1-99) required when degree units plus GE units total fewer than 60.**

**TOTAL: 60 UNITS**



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*Associate Degree  
for Transfer*

In order to earn this degree, students must complete the Associate Degree for Transfer Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University GE – Breadth Requirements (CSU GE-Breadth).
  - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0

ADTs include (AA-T) and (AS-T) degrees. The law authorizing these degrees also requires that students must earn a “C” or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.