AGRICULTURE PLANT SCIENCE FOR TRANSFER (AST.CPS)

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)
- ABT-90 – Soil Science 3.0
- CHM-22 – Introduction to Chemistry 4.0
  OR
  CHM-1A – General Chemistry 5.0
- ABT-53 – Agribusiness Economics 3.0
  OR
  ECO-5 – Principles of Microeconomics 3.0
- MAT-13 – Elementary Statistics 4.0
- ABT-92 – Plant Science 3.0
- MFGT-71 – Agricultural and Industrial Equipment 3.0
  OR
  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

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.