

# AGRICULTURE PLANT SCIENCE, ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Agriculture Plant Science for Transfer Degree is intended for students who plan to transfer and complete a bachelor's degree in Agriculture, Agricultural and Environmental Plant Science, Agricultural Science, Plant Science, Agriculture Education or Agriculture Studies at a CSU campus.

A student who completes one of these degrees will be prepared for careers in agronomy, crop production, plant breeding, pest control advising, harvest management, soil science, agricultural biology, as well as general agriculture.

Students completing the Associate in Science in Agriculture Plant Science for Transfer Degree are guaranteed admission to the CSU system, but not necessarily to a particular campus or major of choice. Students should consult with a counselor for more information on university admission and transfer requirements as the Associate in Science in Agriculture Plant Science for Transfer Degree may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

To earn an Associate in Science in Agriculture Plant Science for Transfer degree, students must meet the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
  - A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtain a minimum cumulative transferable grade point average of 2.0.
- Obtain a "C" grade or better or "P" in all courses required for the major. Even though a "P" grade is allowed (Title 5, Section 55062), it is recommended that students complete their major courses with a letter grade ("A," "B," or "C") due to unit limitations on "P/NP" courses.
- Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence within the college district.

Course ID	Title	Units/ Hours
<b>Required Core (18 units):</b>		
AG V04	Introduction to Soil Science	3
AG V06	Introduction to Plant Science (with Laboratory)	3
AG V12 or ECON V01B	Agriculture Economics Principles of Microeconomics	3
CHEM V01A & V01AL or CHEM V20 & V20L	General Chemistry I and General Chemistry I Laboratory Elementary Chemistry and Elementary Chemistry Laboratory	5

MATH V44	Elementary Statistics	4
<b>List A: Select one course (3-5 units)</b>		
AG V30	Plant Propagation and Production	3
AG V42	Plant Identification and Culture: Spring Specimens	3
AG V43	Plant Identification and Culture: Fall Specimens	3
CHEM V12A & V12AL	General Organic Chemistry I and General Organic Chemistry I Laboratory	5
(CHEM V12A and V12AL together count as one course if used to satisfy LIST A.)		

Major Units	21-23
CSU GE-Breadth or IGETC-CSU Pattern	37-39
Double-Counted Units	(13)
Electives (CSU transferable units to reach 60)	11-15
<b>TOTAL</b>	<b>60</b>

**See a counselor or consult [assist.org \(https://www.assist.org/\)](https://www.assist.org/), especially if you plan to transfer to a UC campus or a college or university other than CSU.**

Upon successful completion of this program, students will be able to:

- Explain and evaluate relevant concepts of plant physiology, anatomy, nutrition, reproduction, and pest control to solve plant production problems under field, greenhouse, or landscape conditions.
- Identify and utilize pertinent concepts of soil physical, chemical, and biological properties and their interactions with plants to solve plant production problems under field, greenhouse, or landscape conditions.
- Apply concepts of plant propagation, utilizing techniques such as grafting, budding, layering, and micro-propagation, to effectively reproduce plants from seeds, stems, leaves, roots, and/or cuttings to produce grafted plants