AGRICULTURE PLANT SCIENCE – ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER TO CSU

Top Code:

0103.00
The Associate in Science in Agriculture Plant Science for Transfer provides student with a foundation in environmental horticulture for upper division in course work in agriculture and environmental plant sciences. The Associate in Science in Agriculture Plant Science for Transfer is designed to provide students a clear transfer pathway to the CSU within the agricultural science field major and the completion of baccalaureate degree, with guaranteed admission to a CSU to a similar major with junior standing, and the ability to complete their remaining requirements within 60 semester or 90 quarter units.

Agriculture and plant sciences have a wide range of career choice available in California's growing horticulture, and agronomic industries. Graduates in these majors are in growing demand as agriculture becomes increasingly high-tech and the movement towards sustainable practices increases. Earning a degree in Agriculture Plant Sciences is a starting point for careers in, soil science and conservation, agricultural biology, entomology, plant biotechnology, postharvest physiology, and environmental protection of water, farmlands, open space, and landscaped areas.

The Associate in Science in Agriculture Plant Science for Transfer Degree Requirements:

- 60 semester or 90 quarter CSU-transferable units.
- Completion of the California State University-General Education-Breadth pattern (CSU GEBreadth);
  OR the Intersegmental General Education Transfer Curriculum (IGETC-CSU) pattern.
- A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- All courses in the major must be completed with a grade of "C" or better, or P if the course is graded on a P/NP basis.

Please note: The courses that universities and colleges require for transfer vary. When selecting courses for transfer purposes, students should consult with Counseling Services to determine the particular transfer requirements of specific institutions.

Program Outcomes

- Solve problems related to soils and plant growth.
- Assess horticultural projects for feasibility and sustainable agricultural practices.
- Analyze how the environment influences plant growth and crop yields.

Associate in Science in Agriculture Plant Science for Transfer Degree

Code	Title	Units
REQUIRED CORE		
AGPS 004	PLANT SCIENCE	3
or AGPS 006	ENVIRONMENTAL HORTICULTURE	
AGPS 012	SOIL SCIENCE	3
CHEM 001A	GENERAL CHEMISTRY AND CHEMICAL ANALYSIS I	4-5
or CHEM 002A	CHEMISTRY – GENERAL, ORGANIC AND BIOCHEMISTRY I	
or CHEM 022	INTRODUCTORY CHEMISTRY	
ECON 001B	PRINCIPLES OF MICROECONOMICS	3
or ECON 001BH	HONORS PRINCIPLES OF MICROECONOMICS	
STAT 015	STATISTICS FOR BUSINESS AND ECONOMICS	4
or STAT 018	STATISTICS FOR BEHAVIORAL AND SOCIAL SCIENCES	
or STAT 050	ELEMENTARY STATISTICS	
or STAT 050H	HONORS ELEMENTARY STATISTICS	
LIST A - SELECT ONE		**3-5**
AGPS 008	PLANT MATERIALS AND USAGE I	
CHEM 002B	CHEMISTRY – GENERAL, ORGANIC AND BIOCHEMISTRY II	
or CHEM 008A	ORGANIC CHEMISTRY I	
Required Subtotal		**20-23**
CSU General Education or IGETC Pattern		37-39
Transferable Electives (as needed to reach 60 transferable units)		
Degree Total		**60**

Visit the Program Mapper (https://pasadena-city.programmapper.ws/academics/interest-clusters/35afad1b-8598-4ecf-a320-0ed4834a7df8/programs/d9d136d3-a131-3ba0-1c57-aff5cbb94af3/) for a suggested sequence of courses.

General Education Requirements for the Associate in Science Degree for Transfer

- General Information (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/)
- CSU Breadth (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#csubreadthtext)
- IGETC (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#igetctext)