AGRICULTURE PLANT SCIENCE

PROGRAM

- Associate in Science for Transfer (A.S.-T)

DESCRIPTION

The Associate in Science in Agriculture Plant Science for Transfer degree aligns with the CSU Bachelor of Science in Plant Science. The Associate in Science in Agriculture Plant Science for Transfer degree is designed to provide students with the common core of lower division courses required to transfer and pursue a baccalaureate degree in Plant Science. For detailed requirements for individual four-year institutions, students should contact the transfer institution and meet with a counselor for specific transfer course requirements in their major.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Agronomist
- Biotechnologist
- Field Advisor
- Greenhouse Manager
- Soil Scientist

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine

CSU System Information - http://www2.calstate.edu

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

https://www.hartnell.edu/students/fa/net-price-calculator.html
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)
- 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
- 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 72) 39 units
- IGETC (see page 74) 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