

California Community Colleges are now offering Associate Degrees for Transfer (ADT's) to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses. Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units. To view the most current list of Riverside City College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to: [www.calstate.edu/transfer/adt-search/search.shtml](http://www.calstate.edu/transfer/adt-search/search.shtml). Students are encouraged to meet with a Riverside City College counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

**2021-2022**  
**BIOLOGY**  
**(CSUGE) AS767**  
**(IGETC) AS768**

**Associate in Science in Biology for Transfer Degree**

This degree is designed to facilitate the student's passage from Riverside City College to the California State University System with an Associate Degree in Biology. This degree will satisfy the lower division requirements for the eventual conferral of the Bachelor's Degree in Biology at a CSU. The AS-T in Biology provides students with a core curriculum that will prepare them with the knowledge and skills required to succeed in the study of biology. Upon successful completion of this program, students should be able to:

- Be able to identify and explain fundamental biological concepts and principles on the molecular, cellular, organismal, population, ecological, environmental and evolutionary levels.
- Apply knowledge of biological concepts to formulate questions and hypotheses for research and demonstrate ability to find, read, understand, and critically evaluate scientific papers.
- Develop experimental skills and techniques used in laboratory and field research and use the scientific method to develop hypotheses, design and execute experiments.

Required Courses (32 units)	Units
BIO 60*     Introduction to Molecular and Cellular Biology (formerly BIO 11)	5
BIO 61*     Introduction to Organismal and Population Biology (formerly BIO 12)	5
CHE 1A*     General Chemistry I	5
CHE 1B*     General Chemistry II	5
MAT 1A*     Calculus I	4
PHY 2A* and General Physics I and	4
PHY 2B*     General Physics II	4
OR            OR	
PHY 4A* and Mechanics	4
PHY 4B*     Electricity and Magnetism	4

\*Courses may also be used to fulfill general education requirements for the CSUGE for STEM or IGETC for STEM pattern; please confer with a counselor.

**Associate in Science for Transfer Degree**

The Associate in Science in Biology for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) for STEM or California State University General Education (CSUGE) for STEM requirements and with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in section VII. Additional degree requirements: Health Education and Self Development).

See attached CSU and IGETC for STEM Document

