

## Associate in Science for Transfer Degree: Biology

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”, a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete:

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-CSU) for STEM or the California State University General Education – Breadth for STEM Requirements.
  - 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.

Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis.

This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. At the time of catalog publication, a student may earn an AS-T in Biology. Additional majors are being developed. Please see a counselor or visit <http://www.canyons.edu> for more information.

It is highly recommended that counselors at community colleges discuss other possible courses that are part of major preparation at a target CSU campus and encourage students to take some of these additional courses prior to transfer.

Degree Student Learning Outcome:

Students will be able to Interpret, analyze, and evaluate Biological knowledge using the scientific method.

Program Requirements:

Units required: 31

	Units:
BIOSCI-106 Organismal & Environmental Biology	4.0
OR	
BIOSCI-106H Organismal & Environmental Biology - Honors	4.0
BIOSCI-107 Molecular and Cellular Biology	4.0
OR	
BIOSCI-107H Molecular and Cellular Biology Honors	4.0
CHEM-201 General Chemistry I	5.0
OR	
CHEM-201H General Chemistry I – Honors	5.0
CHEM-202 General Chemistry II	5.0
MATH-211 Calculus I	5.0

Plus eight units from one of the following two options:

PHYSIC-110	General Physics I	4.0
PHYSIC-111	General Physics II	4.0
OR		
PHYSIC-220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	4.0
PHYSIC-221	Physics for Scientists and Engineers: Electricity and Magnetism	4.0

Recommended electives:

PHYSIC-222	Physics for Scientists and Engineers: Wave Motion, Heat, Optics and Modern Physics	4.0
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