

Associate in Science in Biology for Transfer Degree:

The Associate in Science in Biology for Transfer is intended for students who plan to complete a bachelor's degree in Biology or a related major in the California State University (CSU) system. It is accepted by some, but not all, CSU campuses. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree.

Note: Students who plan to complete this degree should consult a counselor and visit www.assist.org for additional information about participating CSU campuses as well as university admission, degree and transfer requirements.

Note: Students who may wish to apply for transfer to the University of California are strongly urged to complete the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

Award Notes:

Students are required to complete 60 semester or 90 quarter CSU transferable units, with a minimum overall grade point average of 2.0, to include the following:

Major:

- A minimum of 18 semester or 27 quarter units.
- A minimum grade of "C" or "P" or better for each course required in the major.

General Education: Complete one of the following general education options:

- The California State University General Education Breadth (CSUGE-B) pattern.
- The Intersegmental General Education Transfer Curriculum (IGETC) pattern.

Electives, as needed, to meet the 60 semester or 90 quarter CSU transferable units required for the degree.

Note: Completion of the California State University American Institutions graduation requirement is strongly recommended prior to transfer.

Program Description:

The Associate in Science in Biology for Transfer degree program is designed to prepare students to meet the California State University transfer admission requirements.

Program Goals:

The purpose of this Associate in Science in Biology for Transfer degree is to offer an organized course of study that will prepare students intending to major in Biology at the California State University.

Program Emphasis:

The Associate in Science in Biology for Transfer program emphasizes preparation for the major in Biology at the California State University.

Career Options:

Most careers in this discipline require education beyond the associate degree level. A baccalaureate degree in biology prepares students for careers such as: teaching, research, and advancement into professional graduate programs.

Courses Required for the Major:		Units
BIOL 210A	Introduction to the Biological Sciences I	4
BIOL 210B	Introduction to the Biological Sciences II	4
CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Laboratory	2
CHEM 201	General Chemistry II – Lecture	3
CHEM 201L	General Chemistry II – Laboratory	2
MATH 121	Basic Techniques of Applied Calculus I	3
or		
MATH 150	Calculus with Analytic Geometry I	5
PHYS 125	General Physics	5
and		
PHYS 126	General Physics II	5
or		
PHYS 195	Mechanics	5
and		
PHYS 196	Electricity and Magnetism	5
Select 3-5 units from the following:		
CHEM 231	Organic Chemistry I - Lecture	3
and		
CHEM 231L	Organic Chemistry I - Laboratory	2
or		
MATH 122	Basic Techniques of Calculus II	3
or		
MATH 151	Calculus with Analytic Geometry II	4
		Total Units = 34–38