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URL: <http://catalog.skylinecollege.edu/current/programs/biology-for-transfer-as-t.php>

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Program Overview

The Associate in Science in Biology for Transfer (AS-T) prepares students for seamless transfer to a CSU to obtain a degree in Biological Sciences or a closely related discipline. Additionally, this degree allows student to learn the fundamental principles and practices in Biology in order to create a solid foundation and solid preparation that is appropriate for a variety of scientific disciplines. The AS-T courses for Biology are intended to provide a solid foundation for the student who wishes to pursue further study at the baccalaureate level and for some graduate level programs, or enter a pre-professional or professional program in a health-related field.

The Associate in Science in Biology for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in Biology or a closely related discipline at a California State University (CSU) campus. Students completing this degree are guaranteed admission to the California State University system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. In addition to the AS-T Biology courses, students should refer to the requirements of prospective institutions or seek advice from discipline faculty or counselor to prepare for upper division coursework.

To earn an Associate in Science in Biology for Transfer (AS-T), students must satisfy the following requirements:

1. Complete a minimum of 60 CSU " transferable semester units;
2. Earn a minimum grade point average (GPA) of at least a 2.0 in all CSU " transferable coursework;
3. Complete a minimum of 18 semester units in a "AS-T" major. Note: All courses in the major must be completed with a grade of "C" or better or a "P" if the course is taken on a "pass " no pass" basis;
4. Certified completion of the California State University General Education " Breadth pattern (CSU GE Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

Please note: For further information, please meet with a Skyline College Counselor.

Program Requirements

Related Degrees & Certificates

AS Associate in Science Degree Program	
Allied Health Science	60 units
Biotechnology	60 units
Natural Science	60 units

Program Learning Outcomes

Students completing this program will be able to:

- Demonstrate understanding of how the major groups of living organisms are related to each other and of their adaptations for survival.
- Demonstrate understanding of the major concepts in cell biology, and the experimental approaches taken to address them.
- Write clear and well-argued descriptions of topics in biological sciences, based on the course material and articles.
- Master laboratory techniques including microscopy, spectrophotometry, gel electrophoresis, and PCR.
- Design, perform and analyze experiments in biology.
- Apply principles of math, chemistry and physics to the study of biology.
- Apply knowledge of biological organisms and principles in advanced courses in order to transfer to four year institutions.