



DIVISION OF MATHEMATICS, SCIENCES AND ENGINEERING

BIOLOGY FOR TRANSFER

ASSOCIATE IN SCIENCE DEGREE

The Associate in Science in Biology for Transfer (AS-T) Degree is intended to meet the lower division requirements for Biology majors (or similar majors) at a CSU campus that offers a Biology baccalaureate degree.

In addition to the courses listed below, the following additional requirements must be met for completion of the AS-T Degree in Biology:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. Achievement of a minimum GPA of at least 2.0 in all CSU-transferable coursework (some majors may require a higher GPA; students should consult with a counselor for more information).
3. Completion of the major with a grade of "C" or better in each course or a "P" if the course was taken on a Pass/No Pass basis and the "P" is equal to a "C" or better.
4. Certified completion of the California State University General Education-Breadth (CSU GE) for STEM pattern; OR the Intersegmental General Education Transfer Curriculum (IGETC) for STEM pattern.

NOTE: Students are advised to check with the Counseling Department or Transfer Center for the courses accepted into the Biology major at the CSU where they seek transfer.

Required Courses		Units	N	IP	C
BIOL 200	*Principles of Biology 1	5			
BIOL 201	*Principles of Biology 2	5			
CHEM 130	*General Chemistry I	5			
CHEM 140	*General Chemistry II	5			
MATH 190/H	*Calculus I/*Honors	4			
MATH 191	*Calculus II	4			
PHY 150 and	*General Physics I	4			
PHY 160	*General Physics II	4			
OR					
PHY 211 and	*Physics for Scientists and Engineers I	4			
PHY 213	*Physics for Scientists and Engineers III	4			
Required Subtotal		36			
CSU GE for STEM or IGETC for STEM pattern		varies			
Transferable Electives		as needed to reach 60 transferable units			
Total units needed for Associate in Science for Transfer		60			
*Prerequisite/Corequisite					