

## PROGRAM OF STUDY

### Biology Associate in Science for Transfer Degree

The transfer major listed here reflects the core lower division requirements for many CSU and UC campuses. Students planning to transfer should contact a counselor for more information on program and transfer requirements.

The Biological Sciences transfer major is designed for students who plan to earn a bachelor's degree in Biology or a related field. This transfer major also serves as a basis for pre-medicine, pre-dentistry and pre-veterinarian students.

Program Learning Outcomes:

1. Demonstrate basic knowledge of comparative anatomy and comparative physiology.
2. Demonstrate basic microscopic techniques required for all Biology fields.
3. Critically evaluate scientific research.

To obtain the Associate Degree for Transfer students must complete the following:

(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) or the California State University General Education – Breadth 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.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is not an acceptable grade for courses in the major.

<b>Required Courses</b>		<b>Units</b>
BIOL11A	Biology for Science Majors I	5
BIOL11B	Biology for Science Majors II	5
CHEM1A	General Chemistry	5
CHEM1B	General Chemistry and Qualitative Analysis	5
MATH5A	Math Analysis I	5
Select one physics sequence		
PHYS2A	General Physics I	4
PHYS2B	General Physics II	4
or		
PHYS4A	Physics for Scientists and Engineers	4
PHYS4B	Physics for Scientists and Engineers	4

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<b>Total Units</b>	<b>60</b>
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Effective Term: Spring 2016

PID 488