

# PROGRAM OF STUDY

## Associate in Science in Biology for Transfer AS-T

The Associate in Science for Transfer (AS-T) in Biology is intended for students who plan to transfer and complete a bachelor's degree in Biology at a CSU campus. Students completing this AS-T degree are guaranteed admission to the CSU system but not necessarily to a particular campus or major of choice. Students should consult with a counselor for more information on admission to specific universities and their transfer requirements as individual schools may require different or additional course work to that listed for the AS-T in Biology.

To earn an AS-T in Biology, students must:

1. Complete 60 semester or 90 quarter CSU transferable units.
2. Obtain a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some transfer institutions and majors may require a higher GPA.
3. Complete 35 specified major units. 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 (Title 5 § 55063). Even though a "pass-no-pass" is allowed, it is highly recommended that students complete their major courses with a grade (Title 5 S55063).
4. Obtain certification of the Intersegmental General Education Transfer Curriculum for Science, Technology, Engineering, Math (IGETC for STEM) or the California State University General Education-Breadth for Science, Technology, Engineering, Math (CSU GE-Breadth for STEM) pattern.

<b>REQUIRED CORE: Complete the following courses (10 units)</b>		<b>Units</b>
BIOL M02A	General Biology I	5
	<b>or</b>	
BIOL M02AH	Honors: General Biology I	5
BIOL M02B	General Biology II	5
<b>LIST A: Complete the following courses (15 units)</b>		<b>Units</b>
CHEM M01A	General Chemistry I	5
	<b>or</b>	
CHEM M01AH	Honors: General Chemistry I	5
CHEM M01B	General Chemistry II	5
MATH M25A	Calculus with Analytic Geometry I	5
	<b>or</b>	
MATH M25AH	Honors: Calculus with Analytic Geometry I	5
<b>Physics Requirement: select and complete one Physics sequence with corresponding labs (10 units)</b>		<b>Units</b>
PHYS M10A	General Physics I	4
PHYS M10AL	General Physics I Lab	1
PHYS M10B	General Physics II	4
PHYS M10BL	General Physics II Laboratory	1
	<b>or</b>	
PHYS M20A	Mechanics of Solids and Fluids	4
PHYS M20AL	Mechanics of Solids and Fluids Lab	1
PHYS M20B	Thermodynamics, Electricity and Magnetism	4
PHYS M20BL	Thermodynamics, Electricity and Magnetism Laboratory	1

**Total Units**

**35**