Clovis Community College

2025 - 2026
Associate in Science in Biology for Transfer Degree

Complete the following program of study. (Major # C.6101.AS-T). Major requirements (33 units minimum).

The Associate in Science in Biology for Transfer Degree (AS-T in Biology) prepares students for transfer to a California State University to complete a bachelor's degree with a maximum of 60 units. Biology graduates at the bachelors' level are qualified for variety of technical positions with government or industry, and they are also well prepared to enter a graduate program in any other science or in engineering. Biology majors are welcomed into professional programs such as law, business, or medicine. Teaching at the high school level with a bachelors' degree or at a two-year college with a master's degree are additional career options for the biology major. For the biologist who obtain the PH.D., experimental research and or teaching at the university level or basic research in government or industry are options for gainful employment.

Name: _____ **Student ID:** _____ **Date:** _____

Course Overview and Selection

Required Core:

Course	Course Description	Units	C - ID	Completed	In Progress	Planned
BIOL 11A	Biology for Science Majors I	**5**	BIOL 190			
BIOL 11B	Biology for Science Majors II	**5**	BIOL 140			
CHEM 1A	General Chemistry	**5**	CHEM 110			
CHEM 1B	General Chemistry and Qualitative Analysis	**5**	CHEM 120s			
MATH 5A	Math Analysis I	**5**	MATH 210			

List A – Select one option:

Course	Course Description	Units	C - ID	Completed	In Progress	Planned
PHY 2A & PHY 2B	General physics I & General Physics II	**8**	PHYS 105 & PHYS 110			
Or						
PHY 4A & PHY4B	Physics for Scientists and Engineers & Physics for Scientists and Engineers	**8**	PHYS 205 & PHYS 210			

Total units for major does not include required general education or pre-requisite courses.

Notes:

- Requires the series of courses with the same C-ID:
- ***C-ID CHEM 120S**-CHEM 1A & CHEM 1B ***C-ID PHYS 100S**-PHYS 2A & PHYS 2B
- Cal-GETC advising sheet is available in Student Services, AC2-133 or online at CCC GE (CSU/UC) GE and Major Sheets

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.

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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 students who want to pursue pre-medicine, pre-dentistry and pre-veterinarian degrees.

To obtain the Associate in Science in Biology for Transfer, students must complete the following requirements:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of Cal-GETC

  **Students who maintain catalog rights prior to Fall 2025 may use IGETC or CSU-GE Breadth.*
- Courses may double count in the major and Cal-GETC.

To see what CSU campuses accept this degree go to www.icangotocollege.com/transfer-tool.

Common Course Number (CCN) effective Fall 2025:

The following changes are in effect Fall 2025 to align with AB1111 (CCN):

English (ENGL)

- ENGL C1000 *formerly* ENGL 1A
- ENGL C1000H *formerly* ENGL 1AH
- ENGL C1001 *formerly* ENGL 3
- ENGL C 1001H *formerly* ENGL 3H

Communication Studies (COMM)

- COMM C1000 *formerly* COMM 1
- COMM C1000H *formerly* COMM 1H

Political Science (POLS) *former prefix POLSCI

- *POLS C1000 formerly POLSCI 2*
- *POLS C1000H formerly POLSCI 2H*

Psychology (PSYC) *former prefix PSY

- *PSYC C1000 formerly PSY 2*
- *PSYC C100H formerly PSY 2H*

Statistics (STAT)

- STAT C1000 *formerly* MATH 11
  *BA 23 *formerly* STAT 7.

Faculty Advisors: Alcazar, Coffman, Nearn, Rutledge, Villalta, Whitford