Biology AS-T Degree

Associate Degree for Transfer (ADT) - A Degree with a guarantee: This program map represents one possible path for completing this program. **Please see a counselor** to create an education plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2026-27

Total Units: 61-62

First Year

Semester 1

15-16 Units

CAT.	COURSE	TITLE	UNIT	CAL-GETC
GE	ENGL C1000* / 488H+ / ESLW 340+	Academic Reading and Writing	3-4	Cal-GETC Area 1A
Maj	MATH 355+**^	Calculus for Biology and Medicine I	4	Cal-GETC Area 2
GE		Arts	3	Cal-GETC Area 3A
Maj	CHEM 400+	General Chemistry I	5	Cal-GETC Area 5A/Cal-GETC Area 5C

*If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGL 80/ENGL C1000 combo course.

+Prerequisite for ENGL 488: ESL 325 with a grade of "C" or better, or placement through the assessment process

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

+Prerequisite for MATH 355: MATH 373 with a grade of "C" or better, or placement through the assessment process (check your eServices account).

**Students who do not place directly into MATH 355 (check your eServices account) may need to take MATHS 65/MATH 355 combo course or complete the prerequisite. Options depend on STEM placement and prior math preparation. Meet with a counselor for guidance.

^Students may substitute another equivalent Calculus course for MATH 355.

Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

NOTE

- This degree path is designed for students who place into CHEM 400 by passing the Chemistry Diagnostic Exam and have MATH 355 placements. Please consult with an SCC counselor for planning.

ADT Requirement

+Prerequisite for CHEM 400: CHEM 300 with a grade of "C" or better completed within one year prior to enrollment in CHEM 400 or placement through the assessment process (ACS California Chemistry Diagnostic Exam) completed within one year prior to enrollment in CHEM 400 AND Intermediate Algebra or equivalent (Integrated Math 3) with a grade of "C-" or better

Semester 2

16 Units

CAT.	COURSE	TITLE	UNIT	CAL-GETC
GE		Critical Thinking & Composition	3	Cal-GETC Area 1B
GE		Oral Communication	3	Cal-GETC Area 1C
Maj	BIOL 402 +	Cell and Molecular Biology	5	Cal-GETC Area 5B
Maj	CHEM 401 +	General Chemistry II	5	

+Prerequisite for BIOL 402 & CHEM 401: CHEM 400 (General Chemistry I) or equivalent college-level course with a grade of "C" or better

Second Year

Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	CAL-GETC
Maj	BIOL 412 *+	Plant Biology	5	
Maj	PHYS 350 +	General Physics	4	
GE		Humanities	3	Cal-GETC Area 3B
GE		Social & Behavioral Sciences	3	Cal-GETC Area 4

*BIOL 412 and BIOL 422 can be taken in either order.

+Prerequisite for BIOL 412 : BIOL 402 (Cell and Molecular Biology) or an equivalent college-level course with a grade of "C" or better

+Prerequisite for PHYS 350: High School Trigonometry or a course with equivalent Trigonometry content or MATH 373 with a grade of "C" or better

Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	CAL-GETC
Maj	BIOL 422 *+	Animal Biology	5	
Maj	PHYS 360 +	General Physics	4	

Transfer degrees require the following:

1. **Complete all required courses for a major with a grade of "C" or better.**
2. **Complete 60 CSU-transferable units. A minimum of 12 units must be completed within the Los Rios Community College District.**
3. **Completion of the California General Education Transfer Curriculum (Cal-GETC). Areas 1 through 6 completed with a grade of "C" or better.**

Placement Information

Check your eServices account under "Academic Records" to determine your Math and English placements.

Counselor Notes

- All AA-Ts and AS-Ts are designed to transfer to CSUs in most majors. ***Students who wish to transfer to a UC are strongly encouraged to meet with a counselor to determine additional major requirements.***
- Math – you may have other options for transfer level math; check with your counselor.
- ***Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their counselor to learn more about how test scores may be used for credit.***

Important Links

CAT.	COURSE	TITLE	UNIT	CAL-GETC
GE		Ethnic Studies	3	Cal-GETC Area 6
GE		**Social & Behavioral Sciences	3	Cal-GETC Area 4

*BIOL 412 and BIOL 422 can be taken in either order.

+Prerequisite for BIOL 422: BIOL 402 (Cell and Molecular Biology) or an equivalent college-level course with a grade of "C" or better

+Prerequisite for PHYS 360: PHYS 350 with a "C" grade or better

**Cal-GETC Area 4 requires 2 courses from different disciplines. Select a course from Cal-GETC Area 4 from a different discipline than the previously completed Cal-GETC Area 4 course.

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- SCC General Counseling
- Biological Sciences Department
- Science, Math & Engineering M eta Majors