



**AS – Biology to
BS – Biology
Biotechnology Concentration
2024-2025 Transfer Pathway**



AS Degree Requirements							
BLINN College							
BLINN	TAMUCT	Course Name	SCH	BLINN	TAMUCT	Course Name	SCH
BIOL 1406 ⁴	CORE 030	Biology for Science Majors I	4	GOVT 2305	CORE 070	Federal Government	3
CHEM 1411 ⁴	CHEM 1411	General Chemistry I	4	HIST 1301	CORE 060	United States History I	3
ARTS 1301	CORE 050	Art Appreciation	3	ENGL 1302	CORE 010	English Composition II	3
ENGL 1301	CORE 010	English Composition I	3	CHEM 2423 ⁴	CHEM 2423	Organic Chemistry I	4
BIOL 1407 ⁴	CORE 030	Biology for Science Majors II	4	PHIL 1301	CORE 040	Introduction to Philosophy	3
CHEM 1412 ⁴	CORE 090	General Chemistry II	4	ECON 2302	CORE 080	Principles of Microeconomics	3
MATH 2413 ^{4,5}	CORE 020	Calculus I	4	GOVT 2306	CORE 070	Texas Government	3
PHYS 1401 ⁴	PHYS 1401	College Physics I	4	HIST 1302	CORE 060	United States History II	3
BIOL 2421 ⁴	BIOL 2421	Microbiology for Science Majors	4	SPCH 1311	CORE 090	Introduction to Speech Communication	3
Subtotal							62

Additional Lower-Level or Upper-Level Degree Requirements			
BLINN College or Texas A&M University – Central Texas			
BLINN College	Texas A&M University - Central Texas	Course Name	SCH
CHEM 2425 ^{1,4}	CHEM 2425	Organic Chemistry II	4
Any Level Elective ^{1,2,3}	Any Level Elective	Any Level Elective	3
Subtotal			7

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
BIOL 3452 ⁴	Principles of Genetics	4	BIOL 4471 ⁴	Molecular Biology	4
CHEM 4430 ⁴	Biochemistry I	4	BIOL 4475 ⁴	Proteomics	4
CHEM 3415 ⁴	Analytical Chemistry	4	BIOL 4380 ⁴	Evolution	3
MATH 3350 ⁴	Principles of Bio-Statistics	3	BIOL 4451 ⁴	Bioinformatics	4
BIOL 4470 ⁴	Cell Biology	4	BIOL 4395 ⁴	Biology Capstone	3
CHEM 4415 ⁴	Instrumental Analysis	4	Elective - Faculty Approved	Elective - Faculty Approved	4
BIOL 3380 ⁴	Research Methods	3	Elective - Faculty Approved	Elective - Faculty Approved	3
Subtotal					51
Total					120

Notes/Comments

TAMUCT offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at BLINN. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours as some courses necessary for the associate degree are transferable but not applicable to the baccalaureate degree.

For help with pathway planning, please speak with an [academic advisor](#) or [enrollment specialist](#). This pathway is intended for planning and visualization purposes and is subject to change.

- The AS does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete these remaining lower-level courses at BLINN. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
- Any-level electives may be taken at Texas A&M University-Central Texas or Blinn College. Please consult with an academic advisor prior to selecting any-level electives.
- Lower-Level Electives, Any Level Electives, Component Area Options or Degree Requirements (DEG REQ) may consist of the FOS courses: BIOL 1406, BIOL 1407, CHEM 1411, CHEM 1412, CHEM 2423, PHYS 1401 or (the 3-credit hour course plus the 1 credit hour lab).
- Courses must be completed with a "C" or better.
- While this course is not required for Blinn's AS-Biology degree, it is a requirement for TAMUCT's BS-Biology degree. MATH 2413 is highly recommended.