



AS – Biology to BS – Biology Biotechnology Concentration 2022-2023 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 (Lecture + Lab)	4	GOVT 2305	CORE 070	Federal Government	3
CHEM 1411 ⁴	CHEM 1411	General Chemistry I (Lecture + Lab)	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 (Lecture + Lab)	4
BIOL 1407 ⁴	CORE 030	Biology for Science Majors II (Lecture + Lab)	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 2313	CORE 020	Calculus I	3	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							60

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 (Lecture + Lab)	4
Any Level Elective ^{1,2,3}	Any Level Elective	Any Level Elective	4
Subtotal			8

Upper-Level Degree Requirements					
Texas A&M University - Central Texas					
Texas A&M University - Central Texas	Course Name	SCH	Texas A&M University - Central Texas	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	4
Subtotal					52
Total					120

Notes/Comments

Texas A&M-Central Texas is an upper-level institution offering 3xxx-5xxx level courses. All 1xxx-2xxx level courses must be completed at a different institution.

For help with pathway planning, student should speak with an [academic advisor](#). This guide is intended for planning and visualization purposes only.

1. Not all bachelor's degree requirement courses are completed with the AS. Student will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
2. Any-level electives may be taken at either Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
3. 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).
4. Courses must be completed with a "C" or better.