

Bachelor of Science Biology – Biotechnology Concentration 2023-2024 Transfer Guide

Core Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core Selection	3
CORE 010 ¹	CORE 010	Communications Core Selection	3
MATH 2313 ²	CORE 020	Calculus I	3
BIOL 1406 ²	CORE 030	Biology for Science Majors I	4
BIOL 1407 ²	CORE 030	Biology for Science Majors II	4
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture Core Selection	3
CORE 050 ¹	CORE 050	Creative Arts Core Selection	3
CORE 060 ¹	CORE 060	American History Core Selection	3
CORE 060 ¹	CORE 060	American History Core Selection	3
CORE 070 ¹	CORE 070	Government/Political Science Core Selection	3
CORE 070 ¹	CORE 070	Government/Political Science Core Selection	3
CORE 080 ¹	CORE 080	Social and Behavioral Sciences Core Selection	3
CHEM 1411 ²	CORE 090	General Chemistry I	4
CHEM 1412 ²	CORE 090	General Chemistry II	4
Subtotal			46

Additional Lower-Level Degree Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
BIOL 2421 ²	Degree Requirement	Microbiology for Science Majors	4
CHEM 2423 ²	Degree Requirement	Organic Chemistry I	4
CHEM 2425 ²	Degree Requirement	Organic Chemistry II	4
PHYS 1401 ²	Degree Requirement	College Physics I	4
Any Level Elective ^{3,4}	Degree Requirement	Any Level Elective	6
Subtotal			22

Upper-Level Degree Requirements Texas A&M University - Central Texas			
Texas A&M University - Central Texas	Course Name		SCH
BIOL 3452 ²	Principles of Genetics		4
CHEM 4430 ²	Biochemistry I		4
CHEM 3415 ²	Analytical Chemistry		4
MATH 3350 ²	Principles of Bio-Statistics		3
BIOL 4470 ²	Cell Biology		4
CHEM 4415 ²	Instrumental Analysis		4
BIOL 3380 ²	Research Methods		3
BIOL 4471 ²	Molecular Biology		4
BIOL 4475 ²	Proteomics		4
BIOL 4380 ²	Evolution		3
BIOL 4451 ²	Bioinformatics		4
BIOL 4395 ²	Biology Capstone		3
Elective - Faculty Approved	Elective - Faculty Approved		4
Elective - Faculty Approved	Elective - Faculty Approved		4
Subtotal			52
Total			120

Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at the transferring institution. For help with pathway planning, student should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. Refer to the General Education Core Requirements [page](#) for more information on the CORE Requirement coursework.
2. Courses must be completed with a "C" or better.
3. Any-level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
4. 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).

