

Bachelor of Science

Biology–Biotechnology Concentration

2025-2026 Transfer Guide

Core Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core	3
CORE 010 ¹	CORE 010	Communications Core	3
MATH 2413 ⁴	CORE 020	Calculus I	4
BIOL 1406 ⁴	CORE 030	Biology for Science Majors I (Lecture + Lab)	4
BIOL 1407 ⁴	CORE 030	Biology for Science Majors II (Lecture + Lab)	4
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture Core	3
CORE 050 ¹	CORE 050	Creative Arts Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 080 ¹	CORE 080	Social and Behavioral Sciences Core	3
CHEM 1412 ⁴	CORE 090	General Chemistry II	4
CORE 090 ¹	CORE 090	Component Area Option Core	3
			Subtotal
			46

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
BIOL 2421 ⁴	BIOL 2421	Microbiology for Science Majors	4
CHEM 1411 ⁴	CHEM 1411	General Chemistry I (Lecture + Lab)	4
CHEM 2423 ⁴	CHEM 2423	Organic Chemistry I (Lecture + Lab)	4
CHEM 2425 ⁴	CHEM 2425	Organic Chemistry II (Lecture + Lab)	4
PHYS 1401 ⁴	PHYS 1401	College Physics I (Lecture + Lab)	4
Any Level Elective ^{2,3}	Any Level Elective	Any Level Elective	3
			Subtotal
			23

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

Notes/Comments	
<p>Texas A&M–Central Texas only offers upper-level courses (those labeled 3XXX-5XXX), all lower-level courses (those labeled 1XXX-2XXX) should be completed at the transferring institution. A minimum of 120 semester credit hours is required for all baccalaureate degrees. For help with transfer planning, please speak with an academic advisor or enrollment specialist. <i>This transfer guide is intended for planning and visualization purposes and is subject to change.</i></p> <ol style="list-style-type: none"> 1. Refer to the General Education Core Requirements page for more information on the CORE Requirement coursework. 2. 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. 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. 	

