

Bachelor of Science

Biology – Ecology/Conservation Concentration

2024-2025 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 1411 ⁴	CORE 090	General Chemistry I (Lecture + Lab)	4
CHEM 1412 ⁴	CORE 090	General Chemistry II	4
Subtotal			47

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
PHYS 1401 ⁴	PHYS 1401	College Physics I (Lecture + Lab)	4
BIOL 2421 ⁴	BIOL 2421	Microbiology for Science Majors	4
CHEM 2423 ⁴	CHEM 2423	Organic Chemistry I (Lecture + Lab)	4
CHEM 2425 ⁴	CHEM 2425	Organic Chemistry II (Lecture + Lab)	4
Any Level Elective ^{2,3}	Any Level Elective	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 ⁴	Principles of Genetics	4
BIOL 3401 ⁴	Ecology	4
CHEM 4430 ⁴	Biochemistry I	4
MATH 3350 ⁴	Principles of Bio-Statistics	3
BIOL 4301 ⁴	Conservation Biology	3
BIOL 3440 ⁴	Invertebrate Zoology	4
BIOL 3380 ⁴	Research Methods	3
CHEM 4431 ⁴	Biochemistry II	4
BIOL 4380 ⁴	Evolution	3
BIOL 4302 ⁴	Restoration Ecology	3
BIOL 4395 ⁴	Biology Capstone	3
BIOL 4346 ⁴	Animal Behavior	3
BIOL 3430 ⁴	Botany	4
Elective - Faculty Approved	Elective - Faculty Approved	3
Elective - Faculty Approved	Elective - Faculty Approved	3
Subtotal		51
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 . <i>This pathway is intended for planning and visualization purposes only.</i>	
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 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.	



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