



Bachelor of Science Biology – Ecology/Conservation Concentration 2022-2023 Transfer Guide

Core Requirements (Transfer Credits)			
Other Institution	Texas A&M University - Central Texas	Course Name	SCH
CORE 010	CORE 010	Communications Core Selection	3
CORE 010	CORE 010	Communications Core Selection	3
MATH 2313	CORE 020	Calculus I	3
BIOL 1406 ⁵	CORE 030	Biology for Science Majors I (Lecture + Lab)	4
BIOL 1407 ⁵	CORE 030	Biology for Science Majors II (Lecture + Lab)	4
CORE 040	CORE 040	Language, Philosophy, and Culture Core Selection	3
CORE 050	CORE 050	Creative Arts Core Selection	3
CORE 060	CORE 060	American History Core Selection	3
CORE 060	CORE 060	American History Core Selection	3
CORE 070	CORE 070	Government/Political Science Core Selection	3
CORE 070	CORE 070	Government/Political Science Core Selection	3
CORE 080	CORE 080	Social and Behavioral Sciences Core Selection	3
CHEM 1412 ⁵	CORE 090	General Chemistry II (Lecture + Lab)	4
Subtotal			42

Additional Lower-Level Degree Requirements (Transfer Credits)			
Other Institution	Texas A&M University - Central Texas	Course Name	SCH
Any Level Elective ⁴	Any Level Elective	Any Level Elective	6
BIOL 2421 ⁵	BIOL 2421	Microbiology for Science Majors	4
CHEM 1411 ⁵	CHEM 1411	General Chemistry I (Lecture + Lab)	4
CHEM 2423	CHEM 2423	Organic Chemistry I (Lecture + Lab)	4
CHEM 2425 ⁵	CHEM 2425	Organic Chemistry II (Lecture + Lab)	4
PHYS 1401 ⁵	PHYS 1401	College Physics I (Lecture + Lab)	4
Subtotal			26

Upper-Level Degree Requirements Texas A&M University - Central Texas		
Texas A&M University - Central Texas	Course Name	SCH
BIOL 3380 ⁵	Research Methods	3
BIOL 3401 ⁵	Ecology	4
BIOL 3430 ⁵	Botany	4
BIOL 3440 or 3420 ⁵	Invertebrate Zoology or Entomology	4
BIOL 3452 ⁵	Principles of Genetics	4
BIOL 4301 ⁵	Conservation Biology	3
BIOL 4302 ⁵	Restoration Ecology	3
BIOL 4346 ⁵	Animal Behavior	3
BIOL 4380 ⁵	Evolution	3
BIOL 4395 ⁵	Biology Capstone	3
CHEM 4430 ⁵	Biochemistry I	4
CHEM 4431 ⁵	Biochemistry II	4
MATH 3350 ⁵	Principles of Bio-Statistics	3
Elective – Faculty Approved	Elective – Faculty Approved	3
Elective – Faculty Approved	Elective – Faculty Approved	4
Subtotal		52
Total		120

Notes/Comments

This guide is for planning and visualization purposes only. For assistance with pathway planning, students should schedule an appointment with an academic advisor.

1. Texas A&M University - Central Texas is an upper-level university only offering upper-level courses (3000-4000 labeled courses)
2. Student will need to complete all lower-level courses at another institution (1000-2000 labeled courses). Refer to the [General Education Core Requirements page](#) for more information on the CORE Requirements coursework.
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).
5. Courses must be completed with a "C" or better.