

**Bachelor of Science  
Biology – Ecology/Conservation Concentration  
2023-2024 Transfer Guide**

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

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

<b>Upper-Level Degree Requirements</b>			
<b>Texas A&amp;M University - Central Texas</b>			
Texas A&M University - Central Texas	Course Name		SCH
BIOL 3452 <sup>2</sup>	Principles of Genetics		4
BIOL 3401 <sup>2</sup>	Ecology		4
CHEM 4430 <sup>2</sup>	Biochemistry I		4
MATH 3350 <sup>2</sup>	Principles of Bio-Statistics		3
BIOL 4301 <sup>2</sup>	Conservation Biology		3
BIOL 3440 <sup>2</sup>	Invertebrate Zoology		4
BIOL 3380 <sup>2</sup>	Research Methods		3
CHEM 4431 <sup>2</sup>	Biochemistry II		4
BIOL 4380 <sup>2</sup>	Evolution		3
BIOL 4302 <sup>2</sup>	Restoration Ecology		3
BIOL 4395 <sup>2</sup>	Biology Capstone		3
BIOL 4346 <sup>2</sup>	Animal Behavior		3
BIOL 3430 <sup>2</sup>	Botany		4
Elective - Faculty Approved	Elective - Faculty Approved		3
Elective - Faculty Approved	Elective - Faculty Approved		4
<b>Subtotal</b>			<b>52</b>
<b>Total</b>			<b>120</b>

**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).

