

2018-19  
BACHELOR OF SCIENCE  
BIOLOGY – ECO/CONSERV



TEXAS A&M  
UNIVERSITY  
CENTRAL TEXAS™

THIS IS A RECOMMENDED COURSE SEQUENCE

**TRANSFER GUIDE**

Freshman & Sophomore Level Coursework

*Generally taken at a community college*

<i>Texas Common Course Number</i>	<i>Course Title</i>	<i>Minimum Credits</i>
ENGL 1301 (010)	Composition I	3
ENGL 1302 (010)	Composition II	3
<b>MATH 2313</b> (020)	Calculus I	3
<b>BIOL 1406</b> (030)	Bio for Sci Maj I	4
<b>BIOL 1407</b> (030)	Bio for Sci Maj II	4
*HUMANITIES (040)	LPC Core	3
*ARTS (050)	Arts Core	3
*HIST 1301 (060)	US History Core	3
*HIST 1302 (060)	US History Core	3

<i>Texas Common Course Number</i>	<i>Course Title</i>	<i>Minimum Credits</i>
*GOVT 2305 (070)	Government Core	3
*GOVT 2306 (070)	Government Core	3
*SOCIAL SCI (080)	Social/Behavioral Core	3
<b>CHEM 1411</b> (090)	General Chemistry I	4
<b>CHEM 1412</b>	General Chemistry II	4
<b>CHEM 2423</b>	Organic Chemistry I	4
<b>CHEM 2425</b>	Organic Chemistry II	4
<b>PHYS 1401</b>	College Physics I	4
<b>BIOL 2421</b>	Microbiology	4

**Junior & Senior Level Coursework**

*Generally taken at Texas A&M University-Central Texas*

<i>TAMUCT Number</i>	<i>Course Title</i>	<i>Credits</i>
BIOL 3401	Ecology	4
BIOL 3452	Principles of Genetics	4
MATH 3350	Principles of Bio-Statistics	3
CHEM 4430	Biochemistry I	4
BIOL 4301	Conservation Biology	3
BIOL 3380	Research Methods	3
CHEM 4431	Biochemistry II	4
ELECTIVE	Any Transferable Course	3

<i>TAMUCT Number</i>	<i>Course Title</i>	<i>Credits</i>
BIOL 3430	Botany	4
BIOL 3440	Invertebrate Zoology	4
BIOL ELECTIVES	Advanced Biology Choices	7
BIOL 4302	Restoration Ecology	3
BIOL 4380	Evolution	3
BIOL 4346	Animal Behavior	3
BIOL 4395	Biology Capstone	3
ELECTIVE	Any Transferable Course	3

\*Any approved course in that Foundational Component Area (FCA) at a Texas public college or university is acceptable; please speak with an A&M-Central Texas Academic Advisor to determine which choices may fit your education goals (Academic Advising Contact Information: [ug.advising@tamuct.edu](mailto:ug.advising@tamuct.edu) / (254) 501-5856

**Community college level courses in bold are required for the major**; other courses may be used for core requirements, but these courses must still be completed in order to meet graduation requirements at A&M-Central Texas