

2018-19
BACHELOR OF SCIENCE
BIOLOGY – BIOTECHNOLOGY



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
MATH 2313 (020)	Calculus I	3
BIOL 1406 (030)	Bio for Sci Maj I	4
BIOL 1407 (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
CHEM 1411 (090)	General Chemistry I	4
CHEM 1412	General Chemistry II	4
CHEM 2423	Organic Chemistry I	4
CHEM 2425	Organic Chemistry II	4
PHYS 1401	College Physics I	4
BIOL 2421	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 3452	Principles of Genetics	4
CHEM 4430	Biochemistry I	4
MATH 3350	Principles of Bio-Stats	3
BIOL 3380	Research Methods	3
BIOL 4470	Cell Biology	4
BIOL 4451	Bioinformatics	4
CHEM 4415	Instrumental Analysis	4
ELECTIVE	Any Transferable Course	3

<i>TAMUCT Number</i>	<i>Course Title</i>	<i>Credits</i>
BIOL 4471	Molecular Biology	4
CHEM 3415	Analytical Chemistry	4
BIOL ELECTIVES	Advanced Biology Choices	8
BIOL 4475	Proteomics	4
BIOL 4380	Evolution	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 / (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