



2021-2022 Transfer Pathway
Associate of Science - Biology (Human Biology)
 to
Bachelor of Science - Biology
(Ecology/Conservation)



TEXAS A&M
UNIVERSITY
CENTRAL TEXAS™

AS Degree Requirements			
(Taken at Central Texas College)			
CTC	TAMUCT	Name	SCH
ENGL 1301 (010)	ENGL 1301 (010)	Composition I (010)	3
SPCH 1315, 1318, or 1321 (010)	SPCH 1315, 1318, or 1321 (010)	SPCH 1315, 1318, or 1321 (010)	3
MATH 1414 (020)	MATH 1414 (020)	College Algebra (020)	4
BIOL 1406 (030)	BIOL 1406 (030)	Biology for Science Majors I (030)*	4
BIOL 1407 (030)	BIOL 1407 (030)	Biology for Science Majors II (030)*	4
CORE REQ (040)	CORE REQ (040)	Language, Philosophy, and Culture Selection (040)	3
CORE REQ (050)	CORE REQ (050)	Creative Arts Selection (050)	3
HIST 1301 (060)	HIST 1301 (060)	U.S. History I (060)	3
HIST 1302 (060)	HIST 1302 (060)	U.S. History II (060)	3
GOVT 2305 (070)	GOVT 2305 (070)	Federal Government (070)	3
GOVT 2306 (070)	GOVT 2306 (070)	Texas Government (070)	3
CORE REQ (080)	CORE REQ (080)	Social and Behavioral Science Selection (080)	3
CHEM 1411 (090)	CHEM 1411 (090)	General Chemistry I (090)*	4
CHEM 1412	CHEM 1412	General Chemistry II	4
BIOL 2421	BIOL 2421	Microbiology for Science Majors*	4
CHEM 2423	CHEM 2423	Organic Chemistry I *	4
CHEM 2425	CHEM 2425	Organic Chemistry II *	4
KINE Elective	KINE Elective	Kinesiology Elective	1
Subtotal			60

Additional Lower-Level Degree Requirements			
(Taken at Central Texas College)			
CTC	TAMUCT	Name	SCH
PHYS 1401	PHYS 1401	College Physics*	4
MATH 2413 ¹	MATH 2413 ¹	Calculus I ¹	4
Subtotal			8

Upper-Level Degree Requirements			
(Taken at Texas A&M University - Central Texas)			
CTC	TAMUCT	Name	SCH
	BIOL 3452	Principles of Genetics*	4
	BIOL 3401	Ecology*	4
	CHEM 4430	Biochemistry I*	4
	MATH 3350	Principles of Bio-Statistics*	3
	BIOL 4301	Conservation Biology*	3
	BIOL 3430	Botany*	4
	BIOL 3380	Research Methods*	3
	BIOL 3420 or BIOL 3440	Entomology* or Invertebrate Zoology*	4
	BIOL 4380	Evolution*	3
	BIOL 4302	Restoration Ecology*	3
	CHEM 4431	Biochemistry II*	4
	BIOL 4346	Animal Behavior*	3
	BIOL 4395	Biology Capstone*	3
	Elective - Faculty Approved	Elective - Faculty Approved	7
Subtotal			52
Total:			120

Notes

-This guide is for planning and visualization purposes only. Please contact your academic advisor to establish a course schedule.

-Courses listed with an asterisk (*) must be completed with a "C" or better.

¹Students not prepared to take MATH 2413, Calculus I may be required to take MATH 2412, Pre-Calculus.