



2021-2022 Transfer Pathway
Associate of Science - Mathematics
 to
Bachelor of Science - Mathematics
(Secondary Education Minor)



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
ENGL 1302 (010)	ENGL 1302 (010)	Composition II (010)	3
MATH 1414 (020)	MATH 1414 (020)	College Algebra (020)	4
PHYS 2425 (030)	PHYS 2425 (030)	University Physics I (030)	4
CORE REQ (030)	CORE REQ (030)	Life and Physical Science Selection (030)	4
CORE REQ (040)	CORE REQ (040)	English Literature 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
PSYC 2308 (080)	PSYC 2308 (080)	Child Psychology (080)	3
MATH 2412 (090)	MATH 2412 (090)	Pre-Calculus Math (090)	4
MATH 2413	MATH 2413	Calculus I	4
MATH 2414	MATH 2414	Calculus II	4
MATH 2415	MATH 2415	Calculus III	4
MATH 2320	MATH 2320	Differential Equations	3
Any Level CIS Elective	Any Level CIS Elective	Any Level CIS Elective	3
Subtotal			61

Additional Lower-Level Degree Requirements			
(Taken at Central Texas College)			
CTC	TAMUCT	Name	SCH
None			0
Subtotal			0

Upper-Level Degree Requirements			
(Taken at Texas A&M University - Central Texas)			
CTC	TAMUCT	Name	SCH
	MATH 3301	Number Theory	3
	MATH 3309	Algebraic Function	3
	MATH 3315	Mathematics & Technology	3
	MATH 4304	Survey of Mathematical Ideas (and)	3
	MATH 4304L	Survey of Mathematical Ideas Lab	1
	MATH 4309	Advanced Analysis I	3
	MATH 3350	Principles of Bio-Statistics	3
	ENGL 3309	Tech Writing & Document Design	3
	MATH 3311	Probability & Statistics I	3
	MATH 4332	Abstract Algebra	3
	MATH 3360	Numerical Analysis I	3
	MATH 3370	An Introduction to Linear Programming	3
	MATH 4302	College Geometry	3
	READ 3335	Content Area Reading	3
	EDUC 4331	Curriculum & Instruction for Secondary Teachers	3
	EDUC 4332	Classroom Management for Secondary Teachers	3
	EDUC 4317	Assessment & Interpretation for Secondary Teachers	3
	EDUC 4337	Educating Secondary Exceptional Learners	3
	EDUC 4335	Capstone for Educators	3
	EDUC 4691	Clinical Teaching	6
Subtotal			61
Total:			122

Notes

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