

**Bachelor of Science
Mathematics with Secondary Education Minor
2023-2024 Transfer Guide**

Core Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
ENGL 1301	CORE 010	Composition I	3
ENGL 1302	CORE 010	Composition II	3
MATH 2413	CORE 020	Calculus I	4
PHYS 2425	CORE 030	University Physics I	4
CORE 030 ²	CORE 030	Life and Physical Sciences Core Selection	4
English Literature	CORE 040	English Literature	3
CORE 050 ¹	CORE 050	Creative Arts Core Selection	3
HIST 1301	CORE 060	United States History I	3
HIST 1302	CORE 060	United States History II	3
GOVT 2305	CORE 070	Federal Government	3
GOVT 2306	CORE 070	Texas Government	3
PSYC 2308, TECA 1354 or PSYC 3303	CORE 080	Child Psychology, Child Growth & Development or Educational Psychology	3
MATH 2414	CORE 090	Calculus II	4
MATH 2415	CORE 090	Calculus III	4
Subtotal			47

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
Any Level CIS Elective	Degree Requirement	Any Level CIS Elective	3
MATH 2320 ^{3,4}	Degree Requirement	Differential Equations	3
Subtotal			6

Upper-Level Degree Requirements			
Texas A&M University - Central Texas			
Texas A&M University - Central Texas	Course Name		SCH
MATH 3301	Number Theory		3
MATH 3309	Algebraic Function		3
MATH 3315	Mathematics & Technology		3
MATH 4304	Survey of Mathematical Ideas		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 3310	Discrete Mathematics		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
MATH 3332	Linear Algebra		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			67
Total			120

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. PHYS 2426 - University Physics II is recommended.
3. Students can also fulfill this degree requirement by enrolling in MATH 3306.
4. Students may speak with a Math Faculty advisor to have a substitution written for MATH 4305 which can be taken during the summer.
5. The following courses require a grade of 'C' or better: 12 credit hours of English, Calculus, approved Educational Psychology course, and 15 credit hours in the certification subject area.

