



AS – Mathematics to BS – Mathematics 2022-2023 Transfer Pathway



AS Degree Requirements							
BLINN College							
BLINN	TAMUCT	Course Name	SCH	BLINN	TAMUCT	Course Name	SCH
MATH 2413	CORE 020	Calculus I	4	PHYS 2325	CORE 030	University Physics I	3
COSC 1436	COSC 1436	Programming Fundamentals I	4	PHYS 2125	CORE 030	University Physics I (Lab)	1
ENGL 1301	CORE 010	English Composition I	3	GOVT 2306	CORE 070	Texas government	3
SPCH 1311	CORE 090	Introduction to Speech Communication	3	HIST 1302	CORE 060	United States History II	3
MATH 2414	CORE 090	Calculus II	4	KINE 1164	KINE 1164	Introduction to Physical Fitness and Wellness	1
ENGL 1302	CORE 010	English Composition II	3	MATH 2318	MATH 2318	Linear Algebra	3
GOVT 2305	CORE 070	Federal Government	3	MATH 2320	MATH 2320	Differential Equations	3
HIST 1301	CORE 060	United States History I	3	ECON 2302	CORE 080	Principles of Microeconomics	3
CORE 050	CORE 050	Creative Arts Core Selection	3	PHIL 1301 ³	CORE 040	Introduction to Philosophy	3
MATH 2415	MATH 2415	Calculus III	4	CORE 030 ⁵	CORE 030	Life and Physical Science Core Selection	4
Subtotal							61

Additional Lower-Level or Upper-Level Degree Requirements			
BLINN College or Texas A&M University – Central Texas			
BLINN College	Texas A&M University - Central Texas	Course Name	SCH
Any Level Support Field Elective ^{1,2,4}	Degree Requirement	Any Level Support Field Elective	10
Subtotal			10

Upper-Level Degree Requirements					
Texas A&M University - Central Texas					
Texas A&M University - Central Texas	Course Name	SCH	Texas A&M University - Central Texas	Course Name	SCH
MATH 3350	Principles of Bio-Statistics	3	MATH 3360	Numerical Analysis I	3
MATH 3301	Number Theory	3	MATH 3370	An Introduction to Linear Programming	3
MATH 3309	Algebraic Function	3	MATH 4302 ⁶	College Geometry	3
MATH 3315	Mathematics & Technology	3	MATH 4304	Survey of Mathematical Ideas (and)	3
Upper-Level Computer Science Elective	Upper-Level Computer Science Elective	3	MATH 4304L	Survey of Mathematical Ideas Lab	1
MATH 3310	Discrete Mathematics	3	MATH 4309	Advanced Analysis I	3
MATH 3311	Probability & Statistics I	3	Upper-Level Support Field Elective ⁴	Upper-Level Support Field Elective	12
MATH 3332	Linear Algebra	3	MATH 4332	Abstract Algebra	3
Subtotal					55
Total					126

Notes/Comments

Texas A&M-Central Texas is an upper-level institution offering 3xxx-5xxx level courses. All 1xxx-2xxx level courses must be completed at a different institution.

For help with pathway planning, student should speak with an [academic advisor](#). This guide is intended for planning and visualization purposes only.

1. Not all bachelor's degree requirement courses are completed with the AS. Student will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
2. Any-level electives may be taken at either Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
3. Another course from the Language, Philosophy, and Culture (CORE 040) listing may be used to fulfill the degree requirement.
4. Courses for the support field should be chosen from an academic area in which mathematics is applicable and must be selected in consultation with the program coordinator or department chair.
5. PHYS 2326 – University Physics II, as well as PHYS 2126 – University Physics II Lab, are recommended.
6. MATH 4302 may be taken in the summer.