



AS – Mathematics to BS – Mathematics 2024-2025 Transfer Pathway



AS Degree Requirements							
Temple College							
TC	TAMUCT	Course Name	SCH	TC	TAMUCT	Course Name	SCH
MATH 2413	CORE 020	Calculus I	4	PHYS 2425	CORE 030	University Physics I	4
ENGL 1301	CORE 010	Composition I	3	MATH 2415	MATH 2415	Calculus III	4
ENGL 1302	CORE 010	Composition II	3	GOVT 2305	CORE 070	Federal Government	3
CORE 050	CORE 050	Creative Arts Core	3	GOVT 2306	CORE 070	Texas Government	3
MATH 2414	CORE 090	Calculus II	4	PHYS 2426	PHYS 2426	University Physics II	4
CORE 030	CORE 030	Life/Physical Science Core	4	MATH 2320	MATH 2320	Differential Equations	3
HIST 1301	CORE 060	United States History I	3	CORE 040	CORE 040	Language, Philosophy, Culture Core	3
HIST 1302	CORE 060	United States History II	3	MATH 2318	MATH 2318	Linear Algebra	3
SPCH 1315	CORE 090	Public Speaking	3	CORE 080	CORE 080	Social/Behavioral Science Core	3
Subtotal							60

Additional Lower-Level Degree Requirements			
Temple College or Texas A&M – Central Texas			
Temple College	Texas A&M University - Central Texas	Course Name	SCH
COSC 1336 ¹	COSC 1336	Programming Fundamentals I	3
Any Level Support Field Elective ^{1,2}	Any Level Support Field Elective	Any Level Support Field Elective	2
Subtotal			5

Upper-Level Degree Requirements						
Texas A&M University - Central Texas						
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH	
MATH 3350	Principles of Bio-Statistics	3	MATH 3370	An Introduction to Linear Programming	3	
MATH 3301	Number Theory	3	MATH 4302 ³	College Geometry	3	
MATH 3309	Algebraic Function	3	MATH 4304	Survey of Mathematical Ideas (and)	3	
MATH 3315	Mathematics & Technology	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	MATH 4332	Abstract Algebra	3	
MATH 3332	Linear Algebra	3	Computer Science Elective	Upper-Level Computer Science Elective	3	
MATH 3360	Numerical Analysis I	3	Support Field Elective ⁴	Upper-Level Support Field Elective	12	
					Subtotal	55
					Total	120

Notes/Comments	
TAMUCT offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at TC. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours as some courses necessary for the associate degree are transferable but not applicable to the baccalaureate degree. For help with pathway planning, students should speak with an academic advisor or enrollment specialist. <i>This pathway is intended for planning and visualization purposes and is subject to change.</i> - The AS does not meet all the course requirements for the bachelor's degree. Students will need to complete the remaining lower-level courses at Temple College. It is recommended to seek guidance from a financial aid advisor regarding the consortium agreement process. - Any-level Support Field Elective may be taken at either at Texas A&M University-Central Texas or at Temple College. Please consult with an academic advisor prior to selecting any-level electives. - MATH 4302 may be taken in the summer. - 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.	