



## AS – Mathematics to BS – Mathematics 2023-2024 Transfer Pathway



AS Degree Requirements							
Austin Community College							
ACC	TAMUCT	Course Name	SCH	ACC	TAMUCT	Course Name	SCH
HUMA 1301 or EDUC 1300	HUMA 1301 or EDUC 1300	Humanities: Prehistory to Renaissance or Learning Framework: Effective Strategies for College Success	3	MATH 2415	MATH 2415	Calculus III	4
MATH 2413	CORE 020	Calculus I	4	PHYS 2426	CORE 030	Engineering Physics II	4
ENGL 1301	CORE 010	English Composition I	3	GOVT 2305	CORE 070	United States Government	3
HIST 1301	CORE 060	United States History I	3	PHIL 2306	CORE 040	Ethics	3
ARTS 1301	CORE 050	Art Appreciation	3	MATH 2420	MATH 2420	Differential Equations	4
MATH 2414	CORE 090	Calculus II	4	GOVT 2306	CORE 070	Texas State and Local Government	3
PHYS 2425	CORE 030	Engineering Physics I	4	SPCH 1311	CORE 090	Introduction to Speech Communication	3
ENGL 1302	CORE 010	English Composition II	3	ECON 2302	CORE 080	Principles of Microeconomics	3
HIST 1302	CORE 060	United States History II	3	COSC 1336	COSC 1336	Programming Fundamentals I	3
<b>Subtotal</b>							<b>60</b>

Additional Lower-Level Degree Requirements			
Austin Community College			
Austin Community College	Texas A&M University - Central Texas	Course Name	SCH
MATH 2318 <sup>1</sup>	MATH 2318	Linear Algebra	3
Any Level Support Field Elective <sup>1,2,3</sup>	Any Level Support Field Elective	Any Level Support Field Elective	10
<b>Subtotal</b>			<b>13</b>

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
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	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	3
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	Upper-Level Elective	Upper-Level Computer Science Elective	3
MATH 3360	Numerical Analysis I	3	Upper-Level Elective	Upper-Level Support Field Elective	12
<b>Subtotal</b>					<b>57</b>
<b>Total</b>					<b>130</b>

### 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 Austin Community College. For help with pathway planning, students should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. The AS does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete these remaining lower-level courses at Austin Community College. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
2. Any-level electives may be taken at either at Texas A&M University-Central Texas or at Austin Community College. Please consult with an [academic advisor](#) prior to selecting any-level electives.
3. 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.