

# Bachelor of Science Mathematics 2025-2026 Transfer Guide

Core Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
CORE 010 <sup>1</sup>	CORE 010	Communications Core	3
CORE 010 <sup>1</sup>	CORE 010	Communications Core	3
MATH 2413	CORE 020	Calculus I	4
PHYS 2425	CORE 030	University Physics I	4
CORE 030 <sup>2</sup>	CORE 030	Life and Physical Sciences Core	3
CORE 040 <sup>1</sup>	CORE 040	Language, Philosophy, and Culture Core	3
CORE 050 <sup>1</sup>	CORE 050	Creative Arts Core	3
CORE 060 <sup>1</sup>	CORE 060	American History Core	3
CORE 060 <sup>1</sup>	CORE 060	American History Core	3
CORE 070 <sup>1</sup>	CORE 070	Government/Political Science Core	3
CORE 070 <sup>1</sup>	CORE 070	Government/Political Science Core	3
CORE 080 <sup>1</sup>	CORE 080	Social and Behavioral Sciences Core	3
MATH 2414	CORE 090	Calculus II	4
MATH 2415	CORE 090	Calculus III	4
Subtotal			46

Additional Lower-Level Degree Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
Any Level Support Field Elective <sup>3,4,5</sup>	Any Level Support Field Elective	Any Level Support Field Elective	10
COSC 1336	COSC 1336	Programming Fundamentals I	3
MATH 2318	MATH 2318	Linear Algebra	3
MATH 2320 <sup>6</sup>	MATH 2320	Differential Equations	3
Subtotal			19

Upper-Level Degree Requirements				
Texas A&M University–Central Texas				
Texas A&M University–Central Texas		Course Name		SCH
MATH 3350		Principles of Bio-Statistics		3
MATH 3301		Number Theory		3
MATH 3309		Algebraic Function		3
MATH 3315		Mathematics & Technology		3
MATH 3310		Discrete Mathematics		3
MATH 3311		Probability & Statistics I		3
MATH 3332		Linear Algebra		3
MATH 3360		Numerical Analysis I		3
MATH 3370		An Introduction to Linear Programming		3
MATH 4302 <sup>7</sup>		College Geometry		3
MATH 4304		Survey of Mathematical Ideas (and)		3
MATH 4304L		Survey of Mathematical Ideas Lab		1
MATH 4309		Advanced Analysis I		3
MATH 4332		Abstract Algebra		3
Upper-Level Computer Science Elective		Upper-Level Computer Science Elective		3
Upper-Level Support Field Elective		Upper-Level Support Field Elective		12
			Subtotal	55
			Total	120

Notes/Comments
<p>Texas A&amp;M–Central Texas only offers upper-level courses (those labeled 3XXX-5XXX), all lower-level courses (those labeled 1XXX-2XXX) should be completed at the transferring institution. A minimum of 120 semester credit hours is required for all baccalaureate degrees. For help with transfer planning, please speak with an <a href="#">academic advisor</a> or <a href="#">enrollment specialist</a>. <i>This transfer guide is intended for planning and visualization purposes and is subject to change.</i></p> <ol style="list-style-type: none"> <li>Refer to the General Education Core Requirements <a href="#">page</a> for more information on the CORE Requirement coursework.</li> <li>PHYS 2426 University Physics II is recommended.</li> <li>Any-Level electives may be taken at either at Texas A&amp;M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.</li> <li>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.</li> <li>Lower-Level Electives, Any Level Electives, Component Area Options, or Degree Requirements (DEG REQ) may consist of the FOS courses: MATH 2413, MATH 2414, MATH 2415, MATH 2318 or 2418, MATH 2320 or 2420, PHYS 2425 or lecture and lab, choose one from the following: ENGR 2304, COSC 1336 or 1436, COSC 1337 or 1437, COSC 2336 or 2436, COSC 2325 or 2425.</li> <li>Students can also fulfill this degree requirement by enrolling in MATH 3306 at TAMUCT.</li> <li>MATH 4302 may be taken in the summer.</li> </ol>

