

Bachelor of Science Computer Science 2025-2026 Transfer Guide

Core Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core	3
CORE 010 ¹	CORE 010	Communications Core	3
MATH 2413	CORE 020	Calculus I	4
PHYS 2425	CORE 030	University Physics I	4
PHYS 2426	CORE 030	University Physics II	4
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture Core	3
CORE 050 ¹	CORE 050	Creative Arts Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 080 ¹	CORE 080	Social and Behavioral Sciences Core	3
COSC 1336	CORE 090	Programming Fundamentals I	3
COSC 1337	CORE 090	Programming Fundamentals II	3
			Subtotal
			45

Additional Lower-Level Degree Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
MATH 1342 ²	MATH 1342	Elementary Statistical Methods	3
MATH 2305 ³	MATH 2305	Discrete Mathematics	3
MATH 2414	MATH 2414	Calculus II	4
Any Level Elective ^{4,5,6}	Any Level Elective	Any Level Elective	8
			Subtotal
			18

Upper-Level Degree Requirements Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3360	Ethics in Computing	3	COSC 3343	Computer Architecture	3
CIS 3330	C++ Programming	3	COSC 4379	Software Engineering for E-Business	3
CIS 3332	Java Programming				
CIS 3340	Advanced C++ Programming				
CIS 3342 or	Advanced Java Programming or				
CIS 3343	C# Programming for Windows and the Web				
MATH 3360 or	Numerical Analysis I or	3	COSC 3351	Data Structures	3
MATH 3332	Linear Algebra				
COSC 4341	Information Technology Security and Risk Management	3	COSC 4340	Analysis of Algorithms	3
COSC 3380	Operating Systems	3	COSC 4378	Computer Networks	3
COSC 4301	Database Theory and Practices	3	COSC 4090	Computer Science Capstone Assessment	0
CIS 3347	Data Communications and Infrastructure	3	UL Elective ⁷	Upper-Level Elective–Faculty Approved	21
				Subtotal	57
				Total	120

Notes/Comments
Texas A&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 academic advisor or enrollment specialist. <i>This transfer guide is intended for planning and visualization purposes and is subject to change.</i> 1. Refer to the General Education Core Requirements page for more information on the CORE Requirement coursework. 2. Students can also fulfill this degree requirement by enrolling in MATH 3300. 3. Students can also fulfill this degree requirement by enrolling in MATH 3310. 4. Any-Level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives. 5. 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 2305, COSC 1436, COSC 1437, COSC 2436, PHYS 2425, PHYS 2426 (or 3 credit hour lecture and 1 hour lab courses for PHYS), one of the following: COSC 2325, COSC 2425. 6. A student may need to take foundation courses such as algebra, trigonometry, or pre-calculus before taking the required calculus courses. A student may apply up to 6 hours of these foundation courses as electives in the Lower-level Course Requirements. 7. Upper-Level Faculty Approved Elective includes any CIS/COSC 3000 and 4000 level courses EXCEPT the following: CIS 3300, 3301, 3302, 3303, and all CS core courses.

