

# 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 <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
PHYS 2426	CORE 030	University Physics II	4
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
COSC 1336	CORE 090	Programming Fundamentals I	3
COSC 1337	CORE 090	Programming Fundamentals II	3
			<b>Subtotal</b>
			<b>45</b>

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

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 <sup>7</sup>	Upper-Level Elective–Faculty Approved	21
				<b>Subtotal</b>	<b>57</b>
				<b>Total</b>	<b>120</b>

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>1. Refer to the General Education Core Requirements <a href="#">page</a> for more information on the CORE Requirement coursework.</li> <li>2. Students can also fulfill this degree requirement by enrolling in MATH 3300.</li> <li>3. Students can also fulfill this degree requirement by enrolling in MATH 3310.</li> <li>4. 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>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.</li> <li>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.</li> <li>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.</li> </ol>	



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