Bachelor of Science–Computer Information Systems–
Software Engineering and Database Design Concentration
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
SPCH 1311 SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication Public Speaking or Business & Professional Communication	3
CORE 020[1]	CORE 020	Mathematics Core	3
CORE 030[1]	CORE 030	Life and Physical Sciences Core	3
CORE 030[1]	CORE 030	Life and Physical Sciences Core	3
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
ECON 2302	CORE 080	Principles of Microeconomics	3
CORE 090[1]	CORE 090	Component Area Option Core	3
CORE 090[1]	CORE 090	Component Area Option Core	3
		Subtotal	**42**

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	**Texas A&M University–Central Texas**	**Course Name**	**SCH**
BCIS 1305 or COSC 1301[2]	BCIS 1305 or COSC 1301	Business Computer Applications or Introduction to Computing	3
COSC 1315[3]	COSC 1315	Fundamentals of Programming	3
COSC 1320 or COSC 1336[4]	COSC 1320 or COSC 1336	C Programming I or Programming Fundamentals I	3
Any Level CIS Elective[5]	Any Level CIS Elective	Any Level CIS Elective	3
Any Level Elective[5,6]	Any Level Elective	Any Level Elective	15
		Subtotal	**27**

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	**Course Name**	**SCH**	**TAMUCT**	**Course Name**	**SCH**
CIS 3315	Web Site Development and Design	3	CIS 4301	Database Theory and Practices	3
CIS 3340 CIS 3341 CIS 3342 or CIS 3343	Advanced C++ Programming Advanced Visual Basic Programming Advanced Java Programming or C# Programming for Windows and the Web	3	CIS 3351	Data Structures	3
BUSI 3311	Business Statistics	3	CIS 4360	Strategic Information Systems	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4352	Structured Query Language	3
CIS 3360	Ethics in Computing	3	CIS 4379	Software Engineering for E-Business	3
CIS 4350	Management Information Systems	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 4351	IS Project Management	3	UL CIS Elective or UL COSC Elective	Upper-Level CIS or Upper-Level COSC Electives	6
CIS 3365	System Analysis and Design	3			
				Subtotal	**51**
				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**. *This transfer guide is intended for planning and visualization purposes and is subject to change.*

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 CIS 3300.
3. Students can also fulfill this degree requirement by enrolling in CIS 3303.
4. Students can also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331, or CIS 3332.
5. 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.
6. 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.

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