Bachelor of Applied Arts and Sciences
Information Technology – Software and Database Design Concentration
2024-2025 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
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
CORE 080[1]	CORE 080	Social and Behavioral Sciences Core	3
CORE 090[1]	CORE 090	Component Area Option Core	3
COSC 1320 or COSC 1336[2]	CORE 090	C Programming I or Programming Fundamentals I	3
		Subtotal	**42**

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	**Texas A&M University - Central Texas**	**Course Name**	**SCH**
BUSI 2305[3]	BUSI 2305	Business Statistics	3
Occupational/Technical Specialization[4]	Occupational/Technical Specialization	Occupational/Technical Specialization	36
		Subtotal	**39**

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	**Course Name**	**SCH**	**TAMUCT**	**Course Name**	**SCH**
CIS 3347	Data Communications and Infrastructure	3	CIS 3351	Data Structures	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 4360	Strategic Information Systems	3
CIS 3360	Ethics in Computing	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3365	System Analysis and Design	3	CIS 4352	Structured Query Language	3
CIS 4301	Database Theory and Practices	3	CIS 4379	Software Engineering for E-Business	3
CIS 4341	Information Technology Security and Risk Management	3	Upper-Level CIS Elective	Upper-Level CIS Elective	3
CIS 4350	Management Information Systems	3	CIS 4090	Computer Information Systems Capstone Assessment	0
				Subtotal	**39**
				Total	**120**

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 the transferring institution. For help with pathway planning, student should speak with an academic advisor. *This pathway is intended for planning and visualization purposes only.*

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 3330, CIS 3331 or CIS 3332 at Texas A&M University – Central Texas.
3. Students can also fulfill this degree requirement by enrolling in BUSI 3311 at Texas A&M University – Central Texas.
4. For the Occupational/Technical Specialization credits, students must have a minimum of 12 semester credit hours consisting of technical, occupational, and military training and many include academic electives to complete the maximum allowable 36 semester credit hours.

TEXAS A&M UNIVERSITY CENTRAL TEXAS