

Bachelor of Applied Arts & Science

Information Technology–Software 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
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
Occupational/Technical Specialization ³	Occupational/Technical Specialization	Occupational/Technical Specialization	36
Subtotal			36

Upper-Level Degree Requirements Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
BUSI 3311	Business Statistics	3	CIS 3351	Data Structures	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4360	Strategic Information Systems	3
CIS 3340	Advanced C++ Programming	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3341	Advanced Visual Basic Programming				
CIS 3342 or CIS 3343	Advanced Java Programming or C# Programming for Windows and the Web				
CIS 3360	Ethics in Computing	3	CIS 4352	Structured Query Language	3
CIS 3365	System Analysis and Design	3	CIS 4379	Software Engineering for E-Business	3
CIS 4301	Database Theory and Practices	3	UL CIS Elective	Upper-Level CIS Elective	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 4350	Management Information Systems	3			
				Subtotal	42
				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 CIS 3330, CIS 3331, or CIS 3332. 3. 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.

