

Bachelor of Applied Arts and Sciences Information Technology – Software and Database Design Concentration 2023-2024 Transfer Guide

Core Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core Selection	3
CORE 010 ¹	CORE 010	Communications Core Selection	3
CORE 020 ¹	CORE 020	Mathematics Core Selection	3
CORE 030 ¹	CORE 030	Life and Physical Sciences Core Selection	3
CORE 030 ¹	CORE 030	Life and Physical Sciences Core Selection	3
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture Core Selection	3
CORE 050 ¹	CORE 050	Creative Arts Core Selection	3
CORE 060 ¹	CORE 060	American History Core Selection	3
CORE 060 ¹	CORE 060	American History Core Selection	3
CORE 070 ¹	CORE 070	Government/Political Science Core Selection	3
CORE 070 ¹	CORE 070	Government/Political Science Core Selection	3
CORE 080 ¹	CORE 080	Social and Behavioral Sciences Core Selection	3
CORE 090 ¹	CORE 090	Component Area Option Core Selection	3
COSC 1320, COSC 1336, CIS 3330, CIS 3331 or CIS 3332	CORE 090	C Programming I, Programming Fundamentals I, C++ Programming, Visual Basic Programming or Java Programming	3
Subtotal			42

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
BUSI 2305 ²	Degree Requirement	Business Statistics	3
Occupational/Technical Specialization ³	VO--	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 BUSI 3311.
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.

