Bachelor of Applied Arts and Sciences
Information Technology
Software and Database Design Concentration
2022-2023 Transfer Guide

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

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Other Institution	**Texas A&M University - Central Texas**	**Course Name**	**SCH**
Occupational/Technical Specialization[4]	Occupational/Technical Specialization	Occupational/Technical Specialization	36
		Subtotal	**36**

Upper-Level Degree Requirements					
Texas A&M University - Central Texas					
Texas A&M University - Central Texas	**Course Name**	**SCH**	**Texas A&M University - Central Texas**	**Course Name**	**SCH**
BUSI 3311	Business Statistics	3	CIS 4350	Management Information Systems	3
CIS 3347	Data Communication and Infrastructure	3	CIS 3351	Data Structures	3
CIS 3340, 3341, 3324 or 3343	Advanced C++ Programming, Advanced Visual Basic Programming, Advanced Java Programming or C# Programming for Window 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
				Subtotal	**42**
				Total	**120**

Notes/Comments
This guide is for planning and visualization purposes only. For assistance with pathway planning, students should schedule an appointment with an academic advisor.

1. Texas A&M University - Central Texas is an upper-level university only offering upper-level courses (3000-4000 labeled courses)
2. Student will need to complete all lower-level courses at another institution (1000-2000 labeled courses). Refer to the General Education Core Requirements page for more information on the CORE Requirements coursework.
3. 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.
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.