Bachelor of Science
Computer Information Systems
Software Engineering 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
SPCH 1311, 1315 or 1321	CORE 010	Introducing to Speech Communication, Public Speaking or Business & Professional Communication	3
CORE 020[4]	CORE 020	Mathematics Core Selection	3
CORE 030[4]	CORE 030	Life and Physical Sciences Core Selection	3
CORE 030[4]	CORE 030	Life and Physical Sciences 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
ECON 2302	CORE 080	Principles of Microeconomics	3
CORE 090[4]	CORE 090	Component Area Core Selection	3
CORE 090[4]	CORE 090	Component Area Core Selection	3
		Subtotal	**42**

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Other Institution	Texas A&M University - Central Texas	Course Name	SCH
Any Level Elective[4]	Any Level Elective	Any Level Elective	15
Any Level CIS Elective	Any Level CIS Elective	Any Level CIS Elective	3
BCIS 1305 or COSC 1301	CIS 3300[4]	Business Computer Applications, Introduction to Computing or Computer Technology and Impact	3
COSC 1315	CIS 3303	Fundamentals of Programming or Programing Logic and Design	3
COSC 1320 or 1336	CIS 3330[4], 3331 or 3332	C Programming I, Programming Fundamentals I, C++ Programming, Visual Basic Programming or Java Programming	3
		Subtotal	**27**

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
CIS 3315	Web Site Development and Design	3	CIS 33665	System Analysis and Design	3
MGMT 3301	Principles of Management	3	CIS 4301	Database Theory and Practices	3
CIS 3340, 3341, 3342 or 3343	Advanced C++ Programming, Advanced Visual Basic Programing, Advanced Java Programming, 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	Upper-Level CIS of COSC Elective	Upper-Level CIS of COSC Elective	3
CIS 4351	IS Project Management	3			
				Subtotal	**51**
				Total	

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. 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.