

Bachelor of Science

Computer Information Systems–Data Analytics 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
SPCH 1311 SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication Public Speaking or Business & Professional Communication	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
ECON 2302	CORE 080	Principles of Microeconomics	3
CORE 090 ¹	CORE 090	Component Area Option Core	3
CORE 090 ¹	CORE 090	Component Area Option Core	3
Subtotal			42

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University–Central Texas	Course Name	SCH
BCIS 1305 or COSC 1301 ²	BCIS 1305 or COSC 1301	Business Computer Applications or Introduction to Computing	3
COSC 1315 ³	COSC 1315	Fundamentals of Programming	3
COSC 1320 or COSC 1336 ⁴	COSC 1320 or COSC 1336	C Programming I or Programming Fundamentals I	3
Any Level CIS Elective ⁵	Any Level CIS Elective	Any Level CIS Elective	3
Any Level Elective ^{5,6}	Any Level Elective	Any Level Elective	15
Subtotal			27

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3315	Web Site Development and Design	3	CIS 4302	Web & Social Analytics	3
CIS 3302	Introduction to Business Analytics	3	CIS 3360	Ethics in Computing	3
BUSI 3311	Business Statistics	3	CIS 4360	Strategic Information Systems	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4352	Structured Query Language	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4351	IS Project Management	3
CIS 3306	Data Visualization	3	CIS 4303	Data Mining	3
CIS 4350	Management Information Systems	3	UL CIS Elective or UL COSC Elective	Upper-Level CIS Elective or Upper-Level COSC Elective	6
CIS 4301	Database Theory and Practices	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 3365	System Analysis and Design	3			
				Subtotal	51
				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> - Refer to the General Education Core Requirements page for more information on the CORE Requirement coursework. - Students can also fulfill this degree requirement by enrolling in CIS 3300. - Students can also fulfill this degree requirement by enrolling in CIS 3303. - Students can also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331, or CIS 3332. - 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. - 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 course for PHYS), one of the following: COSC 2325, COSC 2425.	

