



AS – Computer Information Systems to BS – Computer Information Systems Software Engineering and Database Design Concentration 2022-2023 Transfer Pathway



AS Degree Requirements							
Austin Community College							
ACC	TAMUCT	Course Name	SCH	ACC	TAMUCT	Course Name	SCH
HUMA 1301, EDUC 1300, or SPCH 1321 ³	HUMA 1301, EDUC 1300, or CORE 010	Humanities: Prehistory to Renaissance, Learning Framework: Effective Strategies for College Success, or Business and Professional Communication	3	ACCT 2301	ACCT 2301	Principles of Accounting I – Financial	3
MATH 1324 or MATH 1325	CORE 020	Mathematics for Business and Economics or Business Calculus	3	ECON 2301	ECON 2301	Principles of Macroeconomics	3
ENGL 1301	CORE 010	English Composition I	3	CORE 030	CORE 030	Life and Physical Science Core Selection	3
BCIS 1305	BCIS 1305	Business Computer Applications	3	CORE 050	CORE 050	Creative Arts Core Selection	3
HIST 1301	CORE 060	United States History I	3	BCIS 2390	BCIS 2390	System Analysis and Design: Project Management	3
COSC 1336	COSC 1336	Programming Fundamentals I	3	ACCT 2302	ACCT 2302	Principles of Accounting II – Managerial	3
ENGL 1302	CORE 090	English Composition II	3	GOVT 2306	CORE 070	Texas State and Local Government	3
HIST 1302	CORE 060	United States History II	3	ECON 2302	CORE 080	Principles of Microeconomics	3
GOVT 2305	CORE 070	United States Government	3	CORE 030	CORE 030	Life and Physical Science Core Selection	3
CORE 040	CORE 040	Language, Philosophy, and Culture Core Selection	3	PHIL 1301	CORE 090	Introduction to Philosophy	3
Subtotal							60

Additional Lower-Level or Upper-Level Degree Requirements			
Austin Community College or Texas A&M University – Central Texas			
Austin Community College	Texas A&M University - Central Texas	Course Name	SCH
Any Level CIS Elective ^{1,2,4}	Any Level CIS Elective	Any Level CIS Elective	3
COSC 1315 ¹	COSC 1315	Fundamentals of Programming	3
SPCH 1311, SPCH 1315, SPCH 1321 ^{1,3}	CORE 010	Introduction to Speech Communication, Public Speaking, or Business & Professional Communication	3
Subtotal			9

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 3365	System Analysis and Design	3
MGMT 3301	Principles of Management	3	CIS 4301	Database Theory and Practices	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 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 or COSC Electives	Upper-Level CIS or COSC Electives	3
CIS 4351	IS Project Management	3			
Subtotal					51
Total					120

Notes/Comments

The following Pathway Plan is suggested for full-time students. A part-time student will need more time to complete this pathway. For assistance with pathway planning, students should schedule an appointment with an academic advisor. This guide is for planning and visualization purposes only.

1. Not all Degree Requirement courses are completed with the AS. Students will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
2. 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.
3. All first-time Austin Community College (ACC) students with fewer than 12 SCH of successful college credit must take the HUMA 1301 topic course Great Questions Seminar or the EDUC 1300 course in their first semester at ACC. All other students may choose either HUMA 1301 topic course Great Questions Seminar, EDUC 1300, SPCH 1321, or any other speech course from the Component Area Option section of the Core Curriculum Course List. SPCH 1321 is recommended when transferring to TAMUCT.
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.
5. Please see your advisor for information on recommended micro-credential course offerings.

Transfer Information

Transfer of Credit & Student Benefits

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- Personalized degree planning
- University email address
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- Dedicated admission counselor
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College of Business Administration

Explore all the opportunities the College of Business Administration at A&M-Central Texas has to offer. Visit us [ONLINE](#) to see what is happening!

Start planning today. Schedule an appointment with a COBA academic advisor. Click [HERE](#) to find a time that meets your schedule.

Program Admission Requirements

Undergraduate Admission Requirements:

- Minimum 2.0 cumulative transfer GPA on a 4.0 scale
- Minimum 30 academic, college-level transferable hours
- Must be eligible to return to all previously attended institutions

Additional program admission standards may apply. Visit degree program pages or speak with an A&M-Central Texas admission counselor for additional information.

Get Connected. Meet in-person, virtually, or via the phone with an admissions counselor today. Click [HERE](#) to schedule an appointment convenient for you.

Graduate Studies

Continue to advance your skills and new career opportunities with a graduate degree from Texas A&M University - Central Texas. Click to learn more about the following graduate degrees:

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- Computer Information Systems
- Healthcare Administration
- Human Resource Management
- Management
- Data Analytics micro-credential (pending internal approval)
- Leadership for Sustainability

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[Master of Science – Information Systems](#)

[Master of Science – Leadership for Sustainability](#)

Graduate Certificates

[Healthcare Administration](#)

[Leadership for Sustainability](#)