



AA – Computer Information Systems to BS – Computer Information Systems Software Engineering and Database Design Concentration 2023-2024 Transfer Pathway



AA Degree Requirements							
Temple College							
TEMPLE	TAMUCT	Course Name	SCH	TEMPLE	TAMUCT	Course Name	SCH
ENGL 1301	CORE 010	Composition I	3	COSC 2436	COSC 2436	Programming Fundamentals III	4
MATH 1314 or MATH 1324	CORE 020	College Algebra or Mathematics for Business & Social Sciences	3	CORE 030	CORE 030	Life/Physical Science Core	3
ENGL 1302	CORE 090	Composition II	3	CORE 030	CORE 030	Life/Physical Science Core	3
COSC 1301 or BCIS 1305	COSC 1301 or BCIS 1305	Introduction to Computing or Business Computer Applications	3	SPCH 1311, SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication, Public Speaking or Business and Professional Communication	3
ECON 2301	ECON 2301	Principles of Macroeconomics	3	GOVT 2305	CORE 070	Federal Government	3
COSC 1436	COSC 1436	Programming Fundamentals I	4	ACCT 2301	CORE 090	Principles of Financial Accounting	3
ECON 2302	CORE 080	Principles of Microeconomics	3	GOVT 2306	CORE 070	Texas Government	3
COSC 1437	COSC 1437	Programming Fundamentals II	4	CORE 050	CORE 050	Creative Arts Core	3
HIST 1301	CORE 060	United States History I	3	HIST 1302	CORE 060	United States History II	3
CORE 040	CORE 040	Language, Philosophy, Culture Core	3				
Subtotal							60

Additional Lower-Level or Upper-Level Degree Requirements			
Temple College or Texas A&M – Central Texas			
Temple College	Texas A&M University - Central Texas	Course Name	SCH
Any Level Elective ^{1,2}	Any Level Elective	Any Level Elective	6
COSC 1315 ^{1,3}	COSC 1315	Fundamentals of Programming	3
BUSI 2305 ^{1,4}	BUSI 2305	Business Statistics	3
Subtotal			12

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 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
CIS 4341	Information Technology Security and Risk Management	3	CIS 4360	Strategic Information Systems	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3360	Ethics in Computing	3	CIS 4352	Structured Query Language	3
CIS 4350	Management Information Systems	3	CIS 4379	Software Engineering for E-Business	3
CIS 4351	IS Project Management	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 3365	System Analysis and Design	3	Upper-Level CIS or COSC Electives	Upper-Level CIS or COSC Electives	6
Subtotal					48
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 Temple College.

For help with pathway planning, student should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. Not all Degree Requirement courses are completed with the AA. Students will need to complete these remaining lower-level courses at Temple College. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
2. Any-level electives may be taken at either at Texas A&M University-Central Texas or at Temple College. Please consult with an academic advisor prior to selecting any-level electives.
3. Students may also fulfill this degree requirement by enrolling in CIS 3303.
4. Students may also fulfill this degree requirement by enrolling in BUSI 3311.