



**AA – Computer Information Systems to  
BBA – Computer Information Systems  
Software 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	ENGL 1302	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	CORE 080	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 090	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				
<b>Subtotal</b>							<b>60</b>

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
ACCT 2302 <sup>1</sup>	ACCT 2302	Principles of Managerial Accounting	3
COSC 1315 <sup>1,2</sup>	COSC 1315	Fundamentals of Programming	3
BUSI 2301 <sup>1,3</sup>	BUSI 2301	Business Law	3
BUSI 2305 <sup>1,4</sup>	BUSI 2305	Business Statistics	3
<b>Subtotal</b>			<b>12</b>

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
BUSI 3301	Professionalism and Communication in Business	3	CIS 3365	System Analysis and Design	3
CIS 3302	Introduction to Business Analytics	3	CIS 4301	Database Theory and Practices	3
FIN 3301	Financial Management I	3	CIS 4350	Management Information Systems	3
MKTG 3301	Marketing	3	CIS 4351	IS Project Management	3
MGMT 3350	Management and Organizational Behavior	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 4360	Strategic Information Systems	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	BUSI 4359	Business Strategy	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4379	Software Engineering for E-Business	3
CIS 3351	Data Structures	3	BUSI 4090	Business Capstone Assessment	0
<b>Subtotal</b>					<b>57</b>
<b>Total</b>					<b>129</b>

**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.

- Not all Degree Requirement courses are completed with the AA. Student will need to complete these remaining lower-level courses at Temple College. Please discuss the consortium agreement procedure with a TAMUCT [financial aid advisor](#).
- Students may also fulfill this degree requirement by enrolling in CIS 3303 at TAMUCT.
- Students may also fulfill this degree requirement by enrolling in BUSI 3332 at TAMUCT.
- Students may also fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.