



AAS – Computer Information Systems to BAAS – Information Technology Software and Database Design Concentration 2023-2024 Transfer Pathway



AAS Degree Requirements							
Temple College							
TEMPLE	TAMUCT	Course Name	SCH	TEMPLE	TAMUCT	Course Name	SCH
ITSC 1305 ²	VO--	Introduction to PC Operating Systems	3	CPMT 2349 ²	VO--	Advanced Computer Networking Technology	3
ITSC 1325 ²	VO--	Personal Computer Hardware	3	COSC 1436	CORE 090	Programming Fundamentals I	4
ITNW 1325 ²	VO--	Fundamentals of Networking Technologies	3	IMED 1316 ²	VO--	Web Design I	3
COSC 1301	CORE 090	Introduction to Computing	3	Elective ²	VO--	Information Technology Elective	3
POFT 1329 or Elective ²	VO--	Beginning Keyboarding or Information Technology Elective	3	IMED 2311 or ITSC 2386 ²	VO--	Portfolio Development or Internship - Computer and Information Sciences, General	3
ENGL 1301	CORE 010	Composition I	3	Elective ²	VO--	Information Technology Elective	3
ITSC 1315 ²	VO--	Project Management Software	3	ENGL 2311 or ENGL 1302	CORE 010	Technical and Business Writing or Composition II	3
Elective ²	VO--	Management Elective	3	CORE 040	CORE 040	Language, Philosophy, Culture Core	3
BCIS 1305	BCIS 1305	Business Computer Applications	3	CORE 080	CORE 080	Social/Behavioral Science Core	3
CORE 020	CORE 020	Mathematics Core	3	BUSI 2305	BUSI 2305	Business Statistics	3
Subtotal							61

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
CORE 030 ¹	CORE 030	Life and Physical Science Core	3
CORE 030 ¹	CORE 030	Life and Physical Science 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
Subtotal			21

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3347	Data Communications and Infrastructure	3	CIS 3351	Data Structures	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 4360	Strategic Information Systems	3
CIS 3360	Ethics in Computing	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3365	System Analysis and Design	3	CIS 4352	Structured Query Language	3
CIS 4301	Database Theory and Practices	3	CIS 4379	Software Engineering for E-Business	3
CIS 4341	Information Technology Security and Risk Management	3	Upper-Level CIS Elective	Upper-Level CIS Elective	3
CIS 4350	Management Information Systems	3	CIS 4090	Computer Information Systems Capstone Assessment	0
Subtotal				39	
Total				121	

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 AAS. 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](#).
- For the Occupational/Technical Specialization credits, students must have a minimum of 12 semester credit hours consisting of technical, occupational, and military training and many include academic electives to complete the maximum allowable 36 semester credit hours.