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

AAS Degree Requirements

BLINN College

BLINN	TAMUCT	Course Name	SCH	BLINN	TAMUCT	Course Name	SCH
IMED 1316[2]	VO--	Web Design I	3	ITSE 2302[2]	VO--	Intermediate Web Programming	3
COSC 1315	CORE 090	Introduction to Computer Programming	3	ITSY 1342[2]	VO--	Information Technology Security	3
ITNW 1325[2]	VO--	Fundamentals of Networking Technologies	3	ITSE 1350[2]	VO--	System Analysis and Design	3
ENGL 1301	CORE 010	Composition I	3	CORE 080	CORE 080	Social/Behavioral Sciences Core	3
SPCH 1311, SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication, Public Speaking or Business & Professional Communication	3	CORE 060	CORE 060	American History Core	3
IMED 2315[2]	VO--	Web Design II	3	INEW 2334[2]	VO--	Advanced Web Programming	3
ITSE 1311[2]	VO--	Beginning Web Programming	3	IMED 2313[2]	VO--	Project Analysis and Design	3
ITNW 1354[2]	VO--	Implementing and Supporting Servers	3	ITSE 2309[2]	VO--	Database Programming	3
CORE 020	CORE 020	Mathematics Core	3	ITNW 2388[2]	VO--	Internship - Computer Systems Networking and Telecommunications	3
CORE 050	CORE 050	Creative Arts Core	3	CORE 030	CORE 030	Life/Physical Sciences Core	3
						Subtotal	**60**

Additional Lower-Level or Upper-Level Degree Requirements

BLINN College or Texas A&M University – Central Texas

BLINN College	Texas A&M University - Central Texas	Course Name	SCH
CORE 030[1]	CORE 030	Life/Physical Sciences Core	3
CORE 040[1]	CORE 040	Language, Philosophy, and Culture 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
COSC 1320 or COSC 1336[1,3]	CORE 090	C Programming I or Programming Fundamentals I	3
BUSI 2305[1,4]	BUSI 2305	Business Statistics	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	**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 Blinn College.
For help with pathway planning, students 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 **AAS**. Students will need to complete these remaining lower-level courses at Blinn College. Please discuss the consortium agreement procedure with a TAMUCT **financial aid advisor**.
2. 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.
3. Students may also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331 or CIS 3332 at TAMUCT.
4. Students may also fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.