



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



AAS Degree Requirements							
Dallas College							
DC	TAMUCT	Course Name	SCH	DC	TAMUCT	Course Name	SCH
ARTC 1302 ²	VO--	Digital Imaging I	3	ITSE 2302 ²	VO--	Intermediate Web Programming	3
ITSE 1301 ²	VO--	Web Design Tools	3	ITSE 1306 ²	VO--	PHP Programming	3
ITSE 1329 ²	VO--	Programming Logic and Design	3	ITSE 1303 ²	VO--	Introduction to MySQL	3
ENGL 1301	CORE 010	Composition I	3	ENGL 2311	CORE 010	Technical and Business Writing	3
CORE 020	CORE 020	Mathematics Core	3	CORE 080	CORE 080	Social/Behavioral Science Core	3
ITSE 2313 ²	VO--	Web Authoring	3	ITSE 2317 ²	VO--	Java Programming	3
ITSE 1311 ²	VO--	Beginning Web Programming	3	INEW 2334 ²	VO--	Advanced Web Programming	3
ITSE 1370 ²	VO--	Introduction to Python Programming	3	ITSY 1300 ²	VO--	Fundamentals of Information Security	3
ITSC 1316 ²	VO--	Linux Installation and Configuration	3	INEW 2330 or ITSC 1364 ²	VO--	Comprehensive Software Project: Planning and Design or Practicum (or Field Experience) - Computer and Information Sciences	3
CORE 050	CORE 050	Creative Arts Core	3	SPCH 1311, SPCH 1315, or SPCH 1321	CORE 090	Introduction to Speech Communication, Public Speaking, or Business and Professional Communication	3
Subtotal							60

Additional Lower-Level or Upper-Level Degree Requirements			
Dallas College or Texas A&M University – Central Texas			
Dallas 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 040 ¹	CORE 040	Language, Philosophy, and Culture 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
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			27

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 3347	Data Communications and Infrastructure	3	CIS 3351	Data Structures	3
CIS 3340	Advanced C++ Programming	3	CIS 4360	Strategic Information Systems	3
CIS 3341	Advanced Visual Basic Programming				
CIS 3342 or CIS 3343	Advanced Java Programming or C# Programming for Windows and the Web				
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					126

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 Dallas 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 AAS. Student will need to complete these remaining lower-level courses at Dallas 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 can also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331, or CIS 3332.
4. Students can also fulfill this degree requirement by enrolling in BUSI 3311.

Transfer Information

Transfer of Credit & Student Benefits

Transfer Central! Your affordable path to a high-quality bachelor's degree.

[Join Transfer Central](#) and receive exclusive access to resources designed to help you complete your bachelor's degree on time and with less debt:

- Personalized degree planning
- University email address
- Priority class registration
- Dedicated admission counselor
- Customized financial aid consultations
- Invitations to university events and activities

Click [HERE](#) to join now.

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:

[Master of Business Administration](#)

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

[Master of Science – Accounting](#)

[Master of Science – Information Systems](#)

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

Graduate Certificates

[Healthcare Administration](#)

[Leadership for Sustainability](#)