



# AAS – Cloud Computing to BAAS – Information Technology Data Analytics Concentration 2023-2024 Transfer Pathway



AAS Degree Requirements							
Dallas College							
DC	TAMUCT	Course Name	SCH	DC	TAMUCT	Course Name	SCH
POFI 1301 or ITSC 1301 <sup>2</sup>	VO--	Computer Applications I or Introduction to Computers	3	ITNW 1354 <sup>2</sup>	VO--	Implementing and Supporting Servers	3
ITSE 1303 <sup>2</sup>	VO--	Introduction to mySQL	3	ITSE 1359 <sup>2</sup>	VO--	Introduction to Scripting Languages	3
ITNW 1309 <sup>2</sup>	VO--	Fundamentals of Cloud Computing	3	ITNW 1336 <sup>2</sup>	VO--	Cloud Deployment and Infrastructure Management	3
ENGL 1301	CORE 010	Composition I	3	ITSC 1315 <sup>2</sup>	VO--	Project Management Software	3
SPCH 1311 SPCH 1315 or SPCH 1321	CORE 010	Introduction to Speech Communication Public Speaking or Business and Professional Communication	3	CORE 020	CORE 020	Mathematics Core	3
ITNW 1325 <sup>2</sup>	VO--	Fundamentals of Networking Technologies	3	ITSC 2335 or ITNW 2364 <sup>2</sup>	VO--	Application Software Problem Solving or Practicum (or Field Experience) - Computer Systems Networking and Telecommunications	3
ITNW 1308 <sup>2</sup>	VO--	Implementing and Supporting Client Operating Systems	3	ITNW 2327 or ITNW 1378 <sup>2</sup>	VO--	Advanced Cloud Concepts or Cloud Networking	3
ITSC 1316 <sup>2</sup>	VO--	Linux Installation and Configuration	3	ITSY 1342 <sup>2</sup>	VO--	Information Technology Security	3
ITSE 1370 or ITSE 1329 <sup>2</sup>	VO--	Introduction to Python Programming or Programming Logic and Design	3	ITSC 2325 or ITNW 1313 <sup>2</sup>	VO--	Advanced Linux or Computer Virtualization	3
CORE 080	CORE 080	Social/Behavioral Science Core	3	CORE 050	CORE 050	Creative Arts Core	3
<b>Subtotal</b>							<b>60</b>

Additional Lower-Level Degree Requirements			
Dallas College			
Dallas College	Texas A&M University - Central Texas	Course Name	SCH
CORE 030 <sup>1</sup>	CORE 030	Life and Physical Science Core	3
CORE 030 <sup>1</sup>	CORE 030	Life and Physical Science Core	3
CORE 040 <sup>1</sup>	CORE 040	Language, Philosophy, and Culture Core	3
CORE 060 <sup>1</sup>	CORE 060	American History Core	3
CORE 060 <sup>1</sup>	CORE 060	American History Core	3
CORE 070 <sup>1</sup>	CORE 070	Government/Political Science Core	3
CORE 070 <sup>1</sup>	CORE 070	Government/Political Science Core	3
CORE 090 <sup>1</sup>	CORE 090	Component Area Option Core	3
COSC 1320 or COSC 1336 <sup>1,3</sup>	CORE 090	C Programming I or Programming Fundamentals I	3
BUSI 2305 <sup>1,4</sup>	BUSI 2305	Business Statistics	3
<b>Subtotal</b>			<b>30</b>

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 3302	Introduction to Business Analytics	3	CIS 3365	System Analysis and Design	3
CIS 3306	Data Visualization	3	CIS 4301	Database Theory and Practices	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4352	Structured Query Language	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4303	Data Mining	3
CIS 3360	Ethics in Computing	3	CIS 4360	Strategic Information Systems	3
CIS 4350	Management Information Systems	3	Upper-Level CIS Elective	Upper-Level CIS Elective	3
CIS 4302	Web & Social Analytics	3	CIS 4090	Computer Information Systems Capstone Assessment	0
<b>Subtotal</b>					<b>39</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 Dallas 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. 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](#).
  - 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.
  - Students may also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331 or CIS 3332.
  - Students may also fulfill this degree requirement by enrolling in BUSI 3311.