



**AAS – Cloud Computing to
BAAS – Information Technology
Data Analytics Concentration
2024-2025 Transfer Pathway**



Dallas College (DC)							
AAS Degree Requirements							
DC	Course Name	SCH	TAMUCT	DC	Course Name	SCH	TAMUCT
POFI 1301 <i>or</i> ITSC 1301 ¹	Computer Applications I <i>or</i> Introduction to Computers	3	<i>POFI 1301 or</i> <i>ITSC 1301</i>	ITNW 1354 ¹	Implementing and Supporting Servers	3	<i>ITNW 1354</i>
ITSE 1303 ¹	Introduction to mySQL	3	<i>ITSE 1303</i>	ITSE 1359 ¹	Introduction to Scripting Languages	3	<i>ITSE 1359</i>
ITNW 1309 ¹	Fundamentals of Cloud Computing	3	<i>ITNW 1309</i>	ITNW 1336 ¹	Cloud Deployment and Infrastructure Management	3	<i>ITNW 1336</i>
ENGL 1301	Composition I	3	<i>CORE 010</i>	ITSC 1315 ¹	Project Management Software	3	<i>ITSC 1315</i>
SPCH 1311 SPCH 1315 <i>or</i> SPCH 1321	Introduction to Speech Communication Public Speaking <i>or</i> Business and Professional Communication	3	<i>CORE 010</i>	CORE 020	Mathematics Core	3	<i>CORE 020</i>
ITNW 1325 ¹	Fundamentals of Networking Technologies	3	<i>ITNW 1325</i>	ITSC 2335 <i>or</i> ITNW 2364 ¹	Application Software Problem Solving <i>or</i> Practicum (or field Experience) – Computer Systems Networking and Telecommunications	3	<i>ITSC 2335 or</i> <i>ITNW 2364</i>
ITNW 1308 ¹	Implementing and Supporting Client Operating Systems	3	<i>ITNW 1308</i>	ITNW 2327 <i>or</i> ITNW 1378 ¹	Advanced Cloud Concepts <i>or</i> Cloud Networking	3	<i>ITNW 2327 or</i> <i>ITNW 1378</i>
ITSC 1316 ¹	Linux Installation and Configuration	3	<i>ITSC 1316</i>	ITSY 1342 ¹	Information Technology Security	3	<i>ITSY 1342</i>
ITSE 1370 <i>or</i> ITSE 1329 ¹	Introduction to Python Programming <i>or</i> Programming Logic and Design	3	<i>ITSE 1370 or</i> <i>ITSE 1329</i>	ITSC 2325 <i>or</i> ITNW 1313 ¹	Advanced Linux <i>or</i> Computer Virtualization	3	<i>ITSC 2325 or</i> <i>ITNW 1313</i>
CORE 080	Social and Behavioral Science Core	3	<i>CORE 080</i>	CORE 050	Creative Arts Core	3	<i>CORE 050</i>
						Subtotal	60

Dallas College (DC) or Texas A&M University – Central Texas (TAMUCT)			
Additional Lower-Level or Upper-Level Degree Requirements			
DC	TAMUCT	Course Name	SCH
CORE 030 ²	CORE 030	Life and Physical Science Core	3
CORE 030 ²	CORE 030	Life and Physical Science Core	3
CORE 040 ²	CORE 040	Language, Philosophy, and Culture Core	3
CORE 060 ²	CORE 060	American History Core	3
CORE 060 ²	CORE 060	American History Core	3
CORE 070 ²	CORE 070	Government/Political Science Core	3
CORE 070 ²	CORE 070	Government/Political Science Core	3
CORE 090 ²	CORE 090	Component Area Option Core	3
COSC 1320 <i>or</i> COSC 1336 ²	CORE 090	C Programming I <i>or</i> Programming Fundamentals I	3
BUSI 2305 ²	BUSI 2305	Business Statistics	3
			Subtotal 30

Texas A&M University - Central Texas (TAMUCT)					
BAAS Degree Requirements					
TAMUCT	Course Name	SCH	TAMUCT	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	UL CIS Elective	Upper-Level CIS Elective	3
CIS 4302	Web & Social Analytics	3	CIS 4090	Computer Information Systems Capstone Assessment	0
					Subtotal 39
					Total 129

Notes/Comments	
TAMUCT only offers upper-level courses (those labeled 3XXX-5XXX), while all lower-level courses (those labeled 1XXX-2XXX) should be completed at Dallas College. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours, as certain courses required for the associate degree are transferable but not applicable to the baccalaureate degree. For help with pathway planning, please speak with an academic advisor or enrollment specialist . This pathway is intended for planning and visualization purposes and is subject to change.	
1. 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.	
2. The AAS does not fulfill all the lower-level courses required for the undergraduate degree. Students will need to complete the remaining lower-level courses at DC. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor .	