



**AS – Computer Science to
BS – Computer Information Systems
Without Concentration
2023-2024 Transfer Pathway**



AS Degree Requirements							
BLINN College							
BLINN	TAMUCT	Course Name	SCH	BLINN	TAMUCT	Course Name	SCH
COSC 1436	COSC 1436	Programming Fundamentals I	4	MATH 2305	MATH 2305	Discrete Mathematics	3
MATH 2413	CORE 020	Calculus I	4	PHYS 2325	CORE 030	University Physics I (Lecture)	3
ENGL 1301	CORE 010	English Composition I	3	PHYS 2125	PHYS 2125	University Physics I (Lab)	1
SPCH 1315	CORE 010	Public Speaking	3	CORE 060	CORE 060	American History Core	3
PHED 1164	PHED 1164	Introduction to Physical Fitness and Wellness	1	COSC 2425	COSC 2425	Computer Organization	4
COSC 1437	COSC 1437	Programming Fundamentals II	4	PHYS 2326	CORE 030	University Physics II (Lecture)	3
MATH 2414	CORE 090	Calculus II	4	PHYS 2126	PHYS 2126	University Physics II (Lab)	1
ENGL 1302	CORE 090	English Composition II	3	PHIL 2306	CORE 040	Introduction to Ethics	3
CORE 060	CORE 060	American History Core	3	ECON 2302	CORE 080	Principles of Microeconomics	3
COSC 2436	COSC 2436	Programming Fundamentals III	4	CORE 050	CORE 050	Creative Arts Core Selection	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 070 ¹	CORE 070	Government/Political Science Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
BCIS 1305 or COSC 1301 ^{1,2}	BCIS 1305 or COSC 1301	Business Computer Applications or Introduction to Computing	3
COSC 1315 ^{1,3}	COSC 1315	Fundamentals of Programming	3
BUSI 2305 ^{1,4}	BUSI 2305	Business Statistics	3
Subtotal			15

Upper-Level Degree Requirements					
Texas A&M University - Central Texas (TAMUCT)					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
CIS 3315	Web Site Development and Design	3	CIS 3365	System Analysis and Design	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4360	Strategic Information Systems	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4090	Computer Information Systems Capstone Assessment	0
CIS 3360	Ethics in Computing	3	Upper-Level CIS or COSC or COBA Elective ⁵	Upper-Level CIS or COSC or COBA Elective	9
CIS 4350	Management Information Systems	3	Upper-Level CIS or COSC Elective	Upper-Level CIS or COSC Elective	15
CIS 4301	Database Theory and Practices	3			
Subtotal					48
Total					123

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 AS. 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. Students may also fulfill this degree requirement by enrolling in CIS 3300 at TAMUCT.
3. Students may also fulfill this degree requirement by enrolling in CIS 3303 at TAMUCT.
4. Students may also fulfill this degree requirement by enrolling in BUSI 3311 at TAMUCT.
5. Please see your advisor for information on recommended micro-credential course offerings.