



Computer Science (Bachelor of Science) from East Texas A&M University
Graduation Plan - Recommended Course Sequence (2024-25)
4-Year (Full-Time)

Blinn College District Computer Science (A.S.)			East Texas A&M University Computer Science (B.S.)		
Freshman	Fall		Junior	Fall	
ENGL 1301	Composition I	3	CSCI 303	Techn Comm for Comp Prof	3
MATH 2413	Calculus I	4	CSCI 340	Databases	3
050-GEN ED	CREATIVE ARTS*	3	CSCI 380	Web Programming	3
COSC 1436	Prog Fundamentals I	4	CSCI 310	Cybersecurity-Adv. CSCI Elect	3
ELECT	Elective*	1	CSCI 430	Operating Systems	3
		TOTAL 15			TOTAL 15
			Spring		
MATH 2414	Calculus II	4	CSCI 428	Object-Oriented Programming	3
ENGL 1302	Composition II	3	CSCI 300/400	Advanced Cyber Elective	3
COSC 1437	Prog Fundamentals II	4	CSCI 300/400	Advanced CSCI Elective	3
040-GEN ED	HUMANITIES*	3	CSCI 300/400	Advanced CSCI Elective	3
HIST 1302	United States History II	3			
		TOTAL 17			TOTAL 12
Sophomore	Fall		Senior	Fall	
COSC 2436	Programming Fundamentals III	4	CSCI 359	System Analysis & Design	3
HIST 1301	United States History I	3	CSCI 415	Intro to Information Tech	3
PHYS 2325	University Physics I	3	CSCI 434	Computer Networks	3
PHYS 2125	University Physics I Lab	1	MATH 403	Intro to Math Statistics	3
GOVT 2305	Federal Government	3	<		
MATH 2305	Discrete Mathematics	3			
		TOTAL 17			TOTAL 12
			Spring		
GOVT 2306	Texas Government	3	CSCI 440	Applied Software Development	3
COSC 2425	Computer Organization	4	CSCI 450	Computer Architecture	3
PHYS 2326	University Physics II	3	CSCI 300/400	Advanced Cyber Elective	3
PHYS 2126	University Physics II Lab	1	CSCI 300/400	Advanced Cyber Elective	3
MATH 2318	Linear Algebra	3	Advisor Approved Elective*		3
080-GEN ED	SOCIAL SCIENCE*	3			
		TOTAL 17			TOTAL 15

Notes

TOTAL CREDIT-ALL TERMS 120

*Consult with an academic advisor to determine best options

< MATH 403 reverse transfers to Blinn as MATH 1342