Computer Science (Bachelor of Science) from East Texas A&M University
Graduation Plan - Recommended Course Sequence (2026-27)
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			**Spring**	
MATH 2414	Calculus II	4	CSCI 428	Object Oriented Design	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	Ethics, Law, & Cybersecurity	3
PHYS 2325	University Physics I	3	CSCI 434	Computer Networks	3
PHYS 2125	University Physics I Lab	1	MATH 402	Math Statistics I	3
GOVT 2305	Federal Government	3			
MATH 2305	Discrete Mathematics	3			
	TOTAL	**17**		**TOTAL**	**12**
	Spring			**Spring**	
GOVT 2306	Texas Government	3	CSCI 440	App Software Project Dev	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