



Cybersecurity (Bachelor of Science) from East Texas A&M University

Graduation Plan - Recommended Course Sequence (2025-26)

4-Year (Full-Time)

Blinn College District Computer Science (A.S.)				East Texas A&M University Cybersecurity (B.S.)			
Freshman		Fall		Junior		Fall	
	COSC 1436	Prog Fundamentals I	4		CSCI 303	Techn Comm for Comp Prof	3
	MATH 2413	Calculus I	4		CSCI 310	Cybersecurity	3
	ENGL 1301	Composition I	3		CSCI 340	Databases	3
	060-GEN ED	US HISTORY	3		CSCI 430	Operating Systems	3
					CSCI 434	Computer Networks	3
			TOTAL 14				TOTAL 15
		Spring				Spring	
	COSC 1437	Prog Fundamentals II	4		CSCI 345	Big Data Security	3
	MATH 2414	Calculus II	4		CSCI 360	Cryptography	3
	ENGL 1302	Composition II	3		CSCI 458	Network Security & Mgmt	3
	060-GEN ED	US HISTORY	3		CSCI Elective - Adv. Cybersecurity		3
	050-GEN ED	CREATIVE ARTS	3		CSCI 399	Junior Cyber Design Project	3
			TOTAL 17				TOTAL 15
Sophomore		Fall		Senior		Fall	
	COSC 2436	Programming Fundamentals III^	3		MATH 402	Math Statistics I	3
	MATH 2305	Discrete Mathematics	3		CSCI 415	Ethics, Law, & Cybersecurity	3
	PHYS 2325	University Physics I	3		CSCI 451	Wireless & Mobile Security	3
	PHYS 2125	University Physics I Lab	1		CSCI 463	Sys Security & Trusted Comp	3
	070-GEN ED	GOVERNMENT	3		CSCI Elective - Adv. Cybersecurity		3
			TOTAL 13				TOTAL 15
		Spring				Spring	
	COSC 2425	Computer Organization^	3		CSCI 452	Malware Analysis	3
	PHYS 2326	University Physics II	3		CSCI 459	AI Enhanced Security	3
	PHYS 2126	University Physics II Lab	1		CSCI 465	Smart Things Security	3
	040-GEN ED	HUMANITIES	3		CSCI 499	Senior Cyber Design Project	3
	ECON 2301	Princ of Macroeconomics	3		CSCI Elective - Adv. Cybersecurity		3
	070-GEN ED	GOVERNMENT	3				
			TOTAL 16				TOTAL 15
Notes							

TOTAL CREDIT-ALL TERMS 120

*Consult with an academic advisor to determine best options ^3 or 4 credit courses may be taken (COSC 2325/2425 and 2336/2436) for this requirement