



Houston CC AS Computer Science to LU BS Cybersecurity

First Year at HCC	EDUC 1300	Learning Framework	3	ENGL 1302	English Comp II	3			
	ENGL 1301	English Comp I	3	MATH 2413	Calculus I	4			
	MATH 2412	Pre Calculus	4	COSC 1437	Program Fund II	4			
	COSC 1436	Program Fund I							
	HIST Core	US History Core	3						
	Fall Total Credit Hours		17	Spring Total Credit Hours		14	Summer Total Credit Hours		

		FALL	SPRING		SUMMER	Physics II		
Second Year at HCC					3			
	PHYS 2325	Univ Physics I	3	PHYS 2126	Univ Physics II Lab	1		
	PHYS 2125	Univ Physics I Lab	1	COSC 2425	Computer Org	4		
	COSC 2436	Program Fund III	4	SBS Core	SBS Core	3		
	GOVT 2305	Federal Govt	3	GOVT 2306	Texas Govt	3		
	Fall Total Credit Hours		15	Spring Total Credit Hours		14	Summer Total Credit Hours	

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	LPC Core	LPC Core	3	CA Core	CA Core	3			
	MATH 2318	Linear Algebra I	3	MATH 3370	Intro Theory Statistical Inference	3			
	COSC 2375	Discrete Structures	3	COSC 3304	Algorithms Design & Analysis	3			
	COSC 3325	Computer Law/Ethics	3	COSC 3308	Design Programming Languages	3			
	CPSC 4340	Database Design	3	COSC 3302	Intro to Computer Theory	3			
				COSC 1172	Think, Speak, Write	1			
	Fall Total Credit Hours		15	Spring Total Credit Hours		16	Summer Total Credit Hours		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	COSC 4302	Operating Systems	3	COSC 4345	Cybersecurity				