Houston CC AS Computer Science to LU BS Cybersecurity

First Year at HCC

FALL			SPRING			SUMMER		
Course	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**
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	4	HIST Core	US History Core	3			
HIST Core	US History Core	3						
Fall Total Credit Hours		17	**Spring Total Credit Hours**		14	**Summer Total Credit Hours**		

Second Year at HCC

FALL			SPRING			SUMMER		
Course	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**	**Course**	**Title**	**Credit Hours**
MATH 2414	Calculus II	4	PHYS 2326	Univ Physics II	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 Networks	3			
CPSC 4317	Computer Networks	3	COSC 4365	Computer Crime Analysis	3			
CPSC 4355	Data Mining	3	CPSC 4361	Secure Software Engineering	3			
CPSC 4360	Software Engineering	3	CPSC 4363	Cybersecurity: Systems	3			
COSC 4310	Computer Architecture	3	COSC 4272	Senior Assessment	2			
			Cyber-security UL Elective	Cyber-security UL Elective	3			
Fall Total Credit Hours		15	**Spring Total Credit Hours**		17	**Summer Total Credit Hours**		

Contract Established: 2022