Houston CC AS Computer Science to LU BS Computer Science

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			
COSC 1172	Think, Speak, Write	1	COSC 3304	Algorithms Design & Analysis	3			
COSC 2375	Discrete Structures	3	COSC 3325	Computer Law/Ethics	3			
COSC 3302	Intro to Computer Theory	3	MATH 3370	Intro to Theory of Statistical Inference	3			
MATH 2318	Linear Algebra	3	COSC 3308	Design Programming Languages	3			
Fall Total Credit Hours		13	**Spring Total Credit Hours**		15	**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	CPSC 4317	Networks	3			
CPSC 4340	Database Design	3	COSC CPSC ELEN UL Elective	COSC CPSC ELEN UL Elective	3			
COSC 4310	Computer Architecture	3	COSC 4272	Senior Assessment	2			
COSC CPSC UL Elective	COSC CPSC UL Elective	3	CPSC 4361 or 4363 or COSC 4345	Secure Software Eng or Cybersecurity: Sys or Cybersecurity Networks	3			
COSC 4333	Distributed Systems	3	COSC CPSC ELEN UL Elective	COSC CPSC ELEN UL Elective	3			
			COSC CPSC ELEN UL Elective	COSC CPSC ELEN UL Elective	3			
Fall Total Credit Hours		15	**Spring Total Credit Hours**		17	**Summer Total Credit Hours**		

Contract Established: 2022