



Houston CC AS Computer Science to LU BS Computer Game Development

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	CPSC 4370	Artificial Intelligence	3			
	MATH 2318	Linear Algebra	3	COSC 2324	Mobile Computer Game Dev	3			
	COSC 1324	Art of Computer Game Dev	3	COSC 3308	Design Programming Languages	3			
	COSC 3306	UNIX/C++	3	COSC 3304	Algorithms Design & Analysis	3			
	COSC 2375	Discrete Structures	3	COSC 3325	Computer Law/Ethics	3			
	CA Core	CA Core	3	COSC 3302	Intro to Computer Theory	3			
	Fall Total Credit Hours		15	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 4324	Computer Game Development I	3	CPSC 4381	3D Animation for Computer Graphics	3			
	CPSC 4380	3D Modeling & Computer Graphics	3	COSC 4325	Computer Game Development II	3			
	COSC 4302	Operating Systems	3	CPSC 4317	Computer Networks	3			
	COSC 4319	Computer Graphics	3	COSC 4310	Computer Architecture	3			
	CPSC 4360	Software Engineering	3	COSC 4272	Senior Assessment	2			
				COSC 1172	Think, Speak, Write	1			
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		