



Lamar State College – Orange AS Computer Science to LU BS Computer Science

First Year at LSCO	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	EDUC 1300	Learning Frmworks	3	ENGL 1302	English Comp II	3			
	ENGL 1301	English Comp I	3	HIST Core	History Core	3			
	HIST Core	History Core	3	SBS Core	SBS Core	3			
	CA Core	CA Core	3	L&PS Core	L&PS Core	4			
	MATH 1314	College Algebra	3	GOVT 2305	Federal Govt	3			
	Fall Total Credit Hours		15	Spring Total Credit Hours		16	Summer Total Credit Hours		

Second Year at LSCO	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	GOVT 2306	Texas Govt	3	LPC Core	LPC Core	3			
	COSC 1436	Programming Fund I	4	COSC 1301	Intro to Computing	3			
	MATH 2413	Calculus I	4	COSC 1437	Programming Fund II	4			
L&PS Core	L&PS Core	4	COSC 2425	Computer Org	4				
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
	MATH 2414	Calculus II	4	MATH 2318	Linear Algebra	3			
	COSC 2336	Programming Fund III	3	COSC 3304	Algorithms Design & Analysis	3			
	COSC 2375	Discrete Structures	3	COSC 3308	Design Programming Languages	3			
	COSC 3302	Intro Computer Theory	3	COSC or CPSC Elective	COSC or CPSC Elective	3			
	COSC 3325	Computer Law/Ethics	3	CPSC 4340	Database Design	3			
				CPSC 4361 or 4363	Secure Software Eng or Cyber-security	3			
	Fall Total Credit Hours		16	Spring Total Credit Hours		18	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			
	COSC 4310	Computer Architecture	3	COSC 4333	Distributed Systems	3			
	COSC or CPSC Elective	COSC or CPSC Elective	3	COSC 4272	Senior Assmt	2			
	CPSC 4360	Software Eng	3	COSC, CPSC, ELEN Elective	COSC, CPSC, ELEN Elective	3			
	MATH 3370	Intro Theory Statistical Inf	3	COSC, CPSC, ELEN Elective	COSC, CPSC, ELEN Elective	3			
				COSC 1172	Think, Speak, Write	1			
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		

LAMAR UNIVERSITY NOTES/COMMENTS: