



TRANSFER PATHWAY:
LEE COLLEGE AS COMPUTER SCIENCE
TO LAMAR UNIVERSITY BS COMPUTER SCIENCE

First Year - Freshman							
Fall Semester				Spring Semester			
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
EDUC 1200		Learning Frameworks	2	ENGL 1302 or 2311		English Comp II or Tech/Bsns Writing	3
COSC 1436		Programming Fund I w/ Lab	4	COSC 1437		Programming Fund II w/ Lab	4
HIST 1301		US History I	3	LPC Core		Language, Philosophy, Culture	3
ENGL 1301		English Composition I	3	MATH 2414		Calculus II	4
MATH 2413		Calculus I	4	CA Core		Creative Arts Core	3
Total			16				17
Summer Semester							
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
GOVT 2305	POLS 2302	Federal Govt	3	GOVT 2306	POLS 2301	Texas Govt	3
Total			3				3
Second Year - Sophomore							
Fall Semester				Spring Semester			
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
MATH 2318		Linear Algebra	3	COSC 2325		Computer Organization	3
COSC 2436		Programming Fund III	4	L & PS Core		Life & Physical Science Core	4
L & PS Core		Life & Physical Science Core	4	SPCH	COMM	Oral Communication Choice	3
SBS Core		Social & Behavioral Science Core	3	HIST 1302		US History II	3
Total			14	Total			13
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
Advd Elective		COSC/CPSC/ELEN Elective*	3	COSC 3325		Computer Law/Ethics	3
COSC 3304		Algorithm Design & Analysis	3	COSC 3302		Intro Comp Theory	3
CPSC 4360		Software Engineering	3	COSC 3308		Programming Languages	3
MATH 3370		Intro Theory Statistical	3	Advd Choice		CPSC 4361 CPSC 4363 COSC 4365	3
				Advd Elective		COSC CPSC Elective*	3
Total			12	Total			15
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
COSC 4302		Operating Systems	3	COSC 4333		Distributed Systems	3
Advd Elective		COSC CPSC Elective*	3	COSC 4310		Computer Architecture	3
CPSC 4340		DataBase Design	3	Advd Elective		COSC CPSC ELEN Elective*	3
Elective		General Academic Elective**	3	COSC 4272		Senior Assessment	2
COSC 1172		Think, Speak, Write	1	CPSC 4317		Networks	3
Total			13	Total			14
Notes:							
*Students must meet with department advisor for list of approved COSC, CPSC, and ELEN electives.							
**General Elective can be any 3 credit hour course.							