



**Transfer Pathway: Blinn College AS Computer
Science to Lamar University BS Computer
Science**



First Year - Freshman							
Fall Semester				Spring Semester			
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
COSC 1436		Program Fund I	4	COSC 1437		Program Fund II	4
MATH 2413		Calculus I	4	MATH 2414		Calculus II	4
ENGL 1301		English Comp I	3	ENGL 1302		English Comp II	3
SPCH 1315		Public Speaking	3	History Core		History Core	3
PHED 1164		Intro to Phys. Fitness	1				
Total			15	Total			14
Summer Semester							
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
Total			0	Total			0
Second Year - Sophomore							
Fall Semester				Spring Semester			
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
COSC 2436		Program Fund III	4	COSC 2425		Computer Org	4
MATH 2305		Discrete Math	3	PHYS 2326		University Physics II (lecture)	3
PHYS 2325		University Physics I (lecture)	3	PHYS 2126		University Physics II (lab)	1
PHYS 2125		University Physics I (lab)	1	SBS Core		SBS Core	3
History Core		History Core	3	CA Core		Creative Arts Core	3
				PHIL 2306		Intro to Ethics	3
Total			14	Total			17
Summer Semester							
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
GOVT 2305	POLS 2302	Federal Government	3	GOVT 2306	POLS 2301	Texas Government	3
Total			3	Total			3
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
MATH 2318	Linear Algebra	3	MATH 3370	Intro to Theory of Statistical Inference	3		
COSC 3304	Algorithms	3	CPSC 4360	Software Engineering	3		
COSC 3302	Theory	3	CPSC 4340	Database Design	3		
COSC 3325	Computer Law and Ethics	3	COSC, CPSC, ELEN Elective	COSC, CPSC, ELEN Elective*	3		
COSC 3308	Programming Languages	3	Academic Elective	Academic Elective	3		
Total		15	Total		15		
Summer Semester							
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
Total		0	Total		0		
Fourth Year - Senior							
Fall Semester			Spring Semester				
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
COSC, CPSC, ELEN Elective	COSC, CPSC, ELEN Elective*	3	COSC, CPSC, ELEN Elective	COSC, CPSC, ELEN Elective*	3		
COSC 4302	Operating Systems	3	COSC 4333	Distributed Systems	3		
Advd Elect	Advanced Elective*	3	CPSC 4317	Networks	3		
COSC 4310	Computer Architecture	3	COSC 4272	Senior Assessment	2		
COSC, CPSC, ELEN Elective	COSC, CPSC, ELEN Elective*	3	COSC 1172	Think, Speak, Write	1		
Total		15	Total		12		

Notes:

PHED 1164 is not used in LU degree.

*See LU Computer Science department advisor for list of approved electives.