

Transfer Pathway: Alvin Community College AS
 Computer Science to Lamar University BS
 Computer Information Science



First Year - Freshman							
Fall Semester				Spring Semester			
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
COSC 1436		Programming Funds I	4	COSC 1437		Programming Funds II	4
ENGL 1301		English Comp I +	3	ENGL 1302		English Comp II +	3
MATH 1314		College Algebra +	3	GOVT 2306		Texas Govt +	3
ECON 2301		Principles of Macro +	3	MATH 2413		Calculus I	4
Total			13	Total			14
Summer Semester							
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
Second Year - Sophomore							
Fall Semester				Spring Semester			
Summer Semester							
Third Year - Junior							
Fall Semester				Spring Semester			
		Course Name				Course Name	
		Principles & Policies				Discrete Structures	
		Linear Algebra				Algorithms Design & Analysis	
		Operating Systems				Computer Law & Ethics	
		Advanced Security Course				Net. Systems Admin	
		Elective				Principle of Management	
Summer Semester							
		Course Name				Course Name	
Fourth Year - Senior							
Fall Semester				Spring Semester			
		Course Name				Course Name	
		Principles of Finance				Computer Networks	
		Multimedia or Computer Graphics				Production Management	
		Database				COSC/CPSC Elective	
		COSC/CPSC Elective				Software Engineering	
		COSC 1172				Senior Assessment	

ACC Core Notes: Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection *Choose from ARTS 1301, 1303, MUSI 1306, 1310

Note: Preferred courses are listed for cores where not specified in the ACC degree. Student will also need to take SPCH core, MATH 1342, ACCT 2301 and 2302. Please see an advisor to determine when best to take these courses.

*LU Major Courses: Students should consult an advisor in the Computer Science department for list of approved electives and major course choices.