

**AAS COMPUTER INFORMATION TECHNOLOGY – COMPUTER PROGRAMMING TO
LAMAR UNIVERSITY BS COMPUTER SCIENCE**

FALL			SPRING			SUMMER (IF APPLICABLE)		
Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
BCIS 1305	Business Computer Applications	3	COSC 1436	Programming Fundamentals I - C++	4			
ITNW 1325	Fundamentals of Networking	3	ENGL 1301	Composition I +	3			
ITNW 1358	Network+	3	ITMT 1357	Administering a Windows Server Operating System	3			
ITSE 1431	Intro to Visual BASIC Programming	3	ITMT 1358	Windows Client Operating System	3			
PSYC 1300	Learning Framework +	3	MATH 2413	Calculus I +	4			
Fall Total Credit Hours		15	Spring Total Credit Hours		17	Summer Total Credit Hours		

FALL			SPRING			SUMMER (IF APPLICABLE)		
Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
COSC 1437	Programming Fundamentals II – Java	4	SPCH 1315	Public Speaking +	3			
IMED 2415	Web Design	4	COSC 2336	Programming Fundamental III – Data Structure	3			
ITSW 1404	Intro to Spreadsheets	4	COSC 2325	Computer Organization	3			
LPS	Life & Physical Science + *	4	ITSE 2409	Database Programming	4			
Fall Total Credit Hours		16	Spring Total Credit Hours		13	Summer Total Credit Hours		
Program Hours								44
Core Curriculum Hours								17
Total Hours								61

NOTES/COMMENTS:

+Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection

*Choose from BIOL 1406, CHEM 1411, or PHYS 2425

The following classes are required to graduate from Lamar: ENGL 1302, a second Life & Physical Science Core, Creative Arts Core, HIST 1301 and 1302, GOVT 2305 and 2306, and Social & Behavioral Sciences Core. Please check with advisor to see best time to take