BS, Computer Science, Course Pathway

ARCADIA UNIVERSITY

		Fall Semester	Credits		Spring Semester	Credits	
YEAR 1		CS101: Problem-Solving with Algorithms and Programming I	4		CS202: Problem-Solving with Algorithms and Programming II	4	
		CS101L: Problem-Solving with Algorithms and Programming I Lab	0		CS202L: Problem-Solving with Algorithms and Programming II Lab	0	
		MA201: Calculus I	4		MA202: Calculus II	4	
		FY103: First Year Seminar	4		AUC/ Elective	4	
		EN101: Thought, Expression, and Advocacy	4		AUC/ Elective	4	
YEAR 2		CS203: Data Structures and Algorithm Analysis	4		CS358: Operating Systems	4	
		CS203L: Data Structures and Algorithm Analysis Lab	0		CS317: Design and Analysis of Algorithms	4	
		200-Level CS Elective	4		AUC/ Elective	4	
		AUC/ Elective	4		AUC/ Elective	4	
		MA230: Discrete Structures	4				
YEAR 3		CS354: Database Management System Design	4		CS225: Research Writing for Computer Science	4	
		CS362: Computer Organization and Architecture	4		200-Level CS Elective	4	
		AUC/ Elective	4		AUC/ Elective	4	
		AUC/ Elective	4		AUC/ Elective	4	
		OR Possible Study Abroad			OR Possible Study Abroad		
YEAR 4		CS490: Capstone Course I	4		CS491: Capstone Course II	4	
		300-Level CS Elective	4		CS341: Computer Ethics	4	
		AUC/ Elective	4		AUC/ Elective	4	
		AUC/ Elective	4		AUC/ Elective	4	
					TOTAL = 128 Credits		