

Computer Science Guidance Plan

	First Year		Second Year		Third Year		Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Object Oriented Programming 0102221	Fundamentals of Innovation and Entrepreneurship 0501170	Science and Life 0201111	UAE Studies 0409103	Islamic Culture 0406110	Group (B)
	Calculus I 0107101	Discrete Structures 0107200	Foundations of Software Engineering 0103220	Computer Organization 0102240	Introduction to Computer Graphics 0102460	Scientific Research Methodology 0508203	Group (A)	CS Capstone Project II 0102492
	Biology 0200100	Linear Algebra 0107102	Calculus II 0107104	Introduction to Numerical Methods 0107201	Computer Ethics 0102453	Introduction to Compilers 0102421	Major Elective (2)	
	Arabic Language 0405100	Physics I 0108103	Physics II 0108203	Data Structures and Algorithms 0102270	Design and Analysis of Algorithms 0102370	Major Elective (1)	CS Capstone Project I 0102491	
	English (1) 0401120	Probability Theory and Statistics 0107103	Formal Languages and Automata Theory 0102341	Database Systems 0102330	Web Development 0102420	System Analysis & Design 0102331		
	Chemistry 0201100	English (2) 0401121	Digital Logic Design 0104240	Computer Networks 0102450	Operating Systems 0102340	CS Internship 0102490		
Total	18	18	18	18	18	18	10	5
	36		36		36		15	
	123							