University of Nizwa
College of Arts and Sciences
Department of Mathematical and Physical Sciences
Degree Plan for Diploma in Computer Sciences

Total No. of Credits for Diploma degree in Computer Science = 72			
University Requirements = 21 Credits			
Course Code	**Course Title**	**Credits**	**Prerequisite**
ARAB100	Arabic Language I	3	
ARAB101	Arabic Language II	3	ARAB100
COMP101	Computer Skills	3	COMP-B - DIGITAL LITERACY II
ENGL150	English Language I	3	
ENGL152	English Language II	3	ENGL150
ENGL155	Communication Skills	3	
HIST150	Islamic Civilization	3	
College Requirements = 16 Credits			
MATH116	Pre-Calculus I	4	
PHYS101	General Physics I	4	MATH116
STAT101	Introduction to Statistics	4	
COMP151	Introduction to Algorithms	4	COMP101
Department Requirements = 35 credits			
COMP111	Digital Logic and Design	3	COMP101
COMP221	Discrete Structures	3	COMP101+MATH116
COMP222	Object Oriented Programming	3	COMP151
COMP233	Computer Architecture and Assembly Language	3	COMP111
COMP244	Database Concepts and Applications	3	COMP222
COMP255	Data Structures	3	COMP222
COMP270	Web Development	3	COMP151
COMP277	Networks and Communications	3	COMP111
COMP300	Visual Programming	3	COMP222
COMP344	Software Engineering	3	COMP151
COMP355	Fundamentals of Operating Systems	3	COMP255
COMP299	Practical Project Work[1]	2	Completing 50 CRs + Section approval

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[1] This course is in no way an alternative for COMP498/9; any student registering for Bachelors, after completing the diploma, must register for final year project in Bachelors.