

Study Plans - English

Major : Computer Science / Diploma Plan Semester : 20201
 Faculty : Oman College of Management & Technology Section : Computer Sciences
 Plan Hrs : 60 Plan Type : Major
 Min Semester : 2 Semester(s) Training : Not Found Edition : 5 Study Type: Morning
 Max Semester : 7 Semester(s) Training Hrs : Thesis Type : Nothing

Category : Faculty Requirement

Hrs : (12) Hrs

Group : Compulsory

Hrs : (9) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
102106	Entrepreneurship: Creativity and Innovation	3		
701101	English Language I	3		
701105	Arabic Language	3		

Group : Elective

Hrs : (3) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
701107	History of Oman	3		
701108	Arabic Islamic Civilization	3		
701109	Islamic Culture	3		
701110	Environment & Society	3		
701112	Omani Society	3		
701113	Media Culture	3		
701114	Islamic Economics	3		
701117	Introduction to Psychology	3		
701118	Introduction to Library Science	3		
701120	Physical Education	3		
701122	Human Rights Issues	3		
701123	Technical Writing	3		

Category : Department Requirement

Hrs : (18) Hrs

Group : Compulsory

Hrs : (18) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
103202	Scientific Research Methods	3		
502101	Calculus I	3		
502103	Discrete Mathematics	3		
502105	Programming in a Selected Language	3		
502301	Object Oriented Programming	3	((Pre) 502105)	
502302	Database Management Systems	3	((Co) 502301)	

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Category : Supporting Requirement

Hrs : (30) Hrs

Group : Compulsory

Hrs : (24) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
502201	Microprocessors and Microcomputers	3	((Pre) 503210)	
502202	Data Structures	3	((Pre) 502105)	
503201	Assembly Language Programming	3		
503203	Applications Software Packages	3		
503210	Digital Logic Design	3		
503302	Building Systems Using 4GL	3	((Pre) 502302)	
503401	Operating Systems	3	((Pre) 502105)	
503416	Internet Programming	3		

Group : Elective

Hrs : (6) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
502104	Probability	3		
502203	Algorithms Analysis & Design	3	((Pre) 502202)	
503200	Programming in Java Language	3	((Pre) 502105)	
503202	Computation Theory	3	((Pre) 502103)	
503205	System Programming	3	((Pre) 502105)	
503206	Human Computer Interaction	3		
503207	Information Technology	3		
503208	Simulation Techniques	3	((Pre) 502105)	
503209	File Structures	3	((Pre) 502202)	