

Study Plans - English

Major : Computer Sceinces / Bachelor Plan Semester : 20142
 Faculty : Oman College of Managment & Technology Section : Computer Sceinces
 Plan Hrs : 132 Plan Type : Major
 Min Semester : 4 Semester(s) Training : Not Found Edition : 4 Study Type: Full Time
 Max Semester : 14 Semester(s) Training Hrs : Thesis Type : Nothing

Category : Faculty Requirement

Hrs : (24) Hrs

Group : Compulsory

Hrs : (21) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
102106	Entrepreneurship:Creativity and Innovation	3		
103202	Scientific Research Methods	3		
701101	English Language I	3		
701102	English Language II	3	(701101)	
701103	English Language III	3	(701102)	
701105	Arabic Language	3		
701108	Arabic Islamic Civilization	3		

Group : Elective

Hrs : (3) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
701107	History of Oman	3		
701109	Islamic Culture	3		
701110	Enviroment & 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		

Category : Departement Requirement

Hrs : (24) Hrs

Group : Compulsory

Hrs : (24) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
502101	Calculus I	3		
502103	Discrete Mathematics	3		
502105	Programming in a Selected Language	3		
502202	Data Structures	3	(502105)	

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Category Departement Requirement

Hrs : (24) Hrs

Group Compulsory

Hrs : (24) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
502301	Object Oriented Programming	3	(502105)	
502302	Database Management Systems	3	(502301)	
503401	Operating Systems	3	(502105)	
503407	Multimedia Systems	3		

Category : Supporting Requirement

Hrs : (78) Hrs

Group : Compulsory

Hrs : (72) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
502102	Calculus II	3	(502101)	
502104	Probability	3		
502203	Algorithms Analysis & Design	3	(502202)	
503200	Programming in Java Language	3	(502105)	
503201	Assembly Language Programming	3		
503202	Computation Theory	3	(502103)	
503203	Applications Software Packages	3		
503205	System Programming	3	(502105)	
503207	Information Technology	3		
503209	File Structures	3	(502202)	
503210	Digital Logic Design	3		
503301	System Analysis and Design	3	(502302)	
503302	Building Systems Using 4GL	3	(502302)	
503303	Prolog Language Programming	3	(502105 & 502103)	
503304	Artificial Intelligence	3	(503303)	
503305	Computer Graphics	3	(502202)	
503402	Compilers Design	3	(503202)	
503403	Computer Architecture	3	(503210)	
503404	Data Communications & Networks	3	(503207)	
503405	Software Engineering	3	(502301)	
503409	Graduation Project	3		
503416	Internet Programming	3		
503417	Data Security	3	(502101)	
503418	Object-Oriented Analysis and Design	3	(502301)	

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Category Supporting Requirement

Hrs : (78) Hrs

Group : Elective

Hrs : (6) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs
502201	Microprocessors and Microcomputers	3	(503210)	
503204	Operation Research	3	(502202)	
503206	Human Computer Interaction	3		
503208	Simulation Techniques	3	(502105)	
503307	Functional Programming	3	(502202)	
503308	Programming Languages Techniques and Metho	3	(502202)	
503406	Information Retriever Systems	3	(502202)	
503408	Expert Systems	3	(503304)	
503410	Parall Processing & Programming	3	(503205)	
503415	Natural Language Processing	3	(502105)	
503419	Advanced Special Topics in Computer Sciences	3		

Category : Free Courses

Hrs : (6) Hrs

Group : Free Hrs

Hrs : (6) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisite Hrs