

**Department of Information Systems
College of Economics, Management of Information Systems**

Degree Plan for B.Sc. in Information Systems (Revised)

Minimum No. of Credits for Graduation = 130

University Requirements = 21 Credits				
Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co-Requisite/s
ARAB100	Arabic Language I	3		
ARAB101	Arabic Language II	3	ARAB100	
COMP101/L	Computer Skills	3	COMP-B, MATH001	COMP101L
HIST150	Islamic Civilization	3	UNLS001, LIFE001	
ENGL150	English Language I	3		
ENGL152	English Language II	3	ENGL150	
ENGL155	Communication Skills	3	ENGL152	
University Electives = 6 Credits				
To be chosen from available courses offered by all Colleges in the University other than those offered by the College of Economics, Management and Information Systems				
College Requirements = 37 Credits				
Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co-Requisite/s
ECON101	Introduction to Economics	3		
BUSI101	Introduction to Business	3		
ACCT101	Introduction to Accounting	3		
MATH116/L	Pre-calculus	4		MATH116L
BUSI102	Business Law in Oman	3		
BUSI205	Technical Writing for Business	2	BUSI101, ENGL150	
MRKT101	Introduction to Marketing	3		
STAT101/L	Introduction to Statistics	4		STAT101L
MNGT101	Introduction to Management	3		
MNGT102	Organizational Behavior	3		
MNGT204	Introduction to Operations Management	3	BUSI101, ECON101	
MATH222	Discrete Mathematics	3	MATH116/L	MATH222L
College Electives = 6 Credits				
Two (2) courses to be chosen from the List of College Electives specified for Information Systems Major				



Fall 2014

Department Requirements = 54 credits

Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co-Requisite/s
INFS101/L	Introduction to Information Systems	3	COMP101/L	INFS101L
INFS102/L	Problem Solving and Programming	4	COMP101/L	INFS102L
INFS103/L	Internet Technology	3	COMP101/L	INFS103L
INFS201/L	E-Business Architecture and Design	3	INFS101/L, INFS103/L	INFS201L
INFS202/L	IT Hardware and Software	3	COMP101/L	INFS202L
INFS203/L	Object-Oriented Programming	4	INFS102/L	INFS203L
INFS204/L	Systems Analysis and Design	3	INFS101/L	INFS204L
INFS301/L	Networking and Communication	3	INFS202/L	INFS301L
INFS302/L	Data Base Management Systems	3	INFS102/L, INFS204/L	INFS302L
INFS303/L	Data Structures and Algorithm Design	3	INFS203/L	INFS303L
INFS304L	Project Management	3	INFS204/L	INFS304L
INFS305	Special Topics	1	INFS204/L	
INFS322/L	Web Applications	3	INFS103/L, INFS201/L	INFS322L
INFS401/L	IS Theory and Practice	3	INFS204/L	INFS401L
INFS402/L	Emerging Environments in IS	3	INFS201/L, INFS302/L	INFS402L
INFS404	Final Year Project	3	INFS304/L	
INFS421/L	Multimedia Systems	3	INFS302/L	INFS421L
INFS422/L	Information Security	3	INFS301/L, INFS302/L	INFS422L

Department Electives = 6 Credits

Two (2) courses to be chosen from the following courses

Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co-Requisite/s
INFS321/L	Decision Support Systems	3	INFS204/L	INFS321L
INFS323/L	Expert Systems	3	INFS102/L, INFS204/L	INFS323L
INFS423/L	Human Computer Interactions	3	INFS301/L	INFS423L
INFS424/L	Distributed Systems	3	INFS302/L	INFS424L
INFS425/L	Data Mining	3	INFS302/L	INFS425L



Fall 2009