

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

Degree Plan for B.Sc. in Information Systems (Revised Fall 2019)

Minimum No. of Credits for Graduation = 130

University Requirements = 24 Credits						
Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co-Requisite/		
ARAB100	Arabic Language I	3				
ARAB101	Arabic Language II	3	ARAB100			
COMP101/L	Computer Skills	3	DL, MATH001	COMP101L		
HIST150	Islamic Civilization	3	UNLS001, LIFE001			
ENGL150	English Language I	3				
ENGL152	English Language II	3	ENGL150			
ENGL155	Communication Skills	3	ENGL152			
MNGT100/L	Entrepreneurship Creativity and Innovation	3	Should have completed a min. of 45 Cr. Hrs.	MNGT100L		

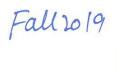
University Electives = 3 Credits

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		
ACCT101	Introduction to Accounting	3				
BUSI101	Introduction to Business	3				
BUSI102	Business Law in Oman	3				
BUSI205	Technical Writing for	2	BUSI101, ENGL150			
-	Business					
ECON101	Introduction to Economics	3				
MATH116/L	Pre-Calculus	4	MATH001	MATH116L		
MATH222/L	Discrete Mathematics	3	MATH116/L	MATH222L		
MNGT101	Introduction to Management	3				
MNGT102	Organizational Behavior	3				
MRKT101	Introduction to Marketing	3				
STAT101/L	Introduction to Statistics	4		STAT101L		
INFS101/L	Introduction to Information Systems	3	COMP101/L	INFS101L		

College Electives = 6 Credits

Two (2) courses to be chosen from the List of College Electives specified for Information Systems Major





Department Requirements = 54 credits						
Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co- Requisite/s		
INFS-102/L	Problem Solving and Programming	3	COMP101/L	INFS-102L		
INFS103/L	Internet Technology	3	COMP101/L	INFS103L		
INFS201/L	E-Business Architecture and Design	3	INFS101/L INFS103/L	INFS201L		
INFS-203/L	Object-Oriented Programming	3	INFS-102/L	INFS-203L		
INFS204/L	Systems Analysis and Design	3	INFS101/L	INFS204L		
INFS205/L	Introduction to Computer Security	3	INFS101/L INFS103/L	INFS205/L		
INFS301/L	Networks and Communication	3	INFS101/L	INFS301L		
INFS302/L	Database Management System	3	INFS101/L	INFS302L		
INFS303/L	Data Structures and Algorithm Design	3	INFS-203/L	INFS303L		
INFS304/L	Software Project Management	3	INFS204/L	INFS304L		
INFS322/L	Web Applications	3	INFS-102/L, INFS201/L, INFS302/L	INFS322L		
INFS401/L	IS Theory and Practice	3	INFS204/L	INFS401L		
INFS402/L	Emerging Environments in Information Systems	3	INFS204/L, INFS302/L	INFS402L		
INFS421/L	Multimedia Systems	3	INFS322/L	INFS421L		
INFS454	Internship in Information Systems	6	Should have completed a min. of 90 credit hours			
INFS455	Graduation Project	6	INFS322/L and should have completed a min. of 90 credit hours			

Department Electives = 6 Credits
Two (2) courses to be chosen from the following courses

Pre-Requisite/s **Course Title** Course Code No. of Co-Requisite/s Credits Decision Support Systems INFS321/L 3 INFS204/L INFS321L Expert Systems INFS323/L INFS323L INFS-102/L, 3 INFS204/L Interactive Mobile INFS322/L INFS324L 3 INFS324/L Application Human Computer INFS423/L INFS204/L INFS423L 3 Interactions Data Mining 3 INFS302/L INFS425/L INFS425L Security Management for INFS205/L INFS427L 3 INFS427/L Information Systems



