



College of Economics, Management and Information Systems
Department of Information Systems
Degree Plan for B.Sc. in Web Design and Information Security (Revised Fall 2019)
Minimum number of credits for graduation = 130

University Requirements = 24 Credits				
Course Code	Course Title	No. of Credits	Prerequisite/s	Co-requisites
ARAB100	Arabic Language I	3		
ARAB101	Arabic Language II	3	ARAB100	
COMP101/L	Computer Skills	3	DL MATH001	COMP101L
HIST150	Islamic Civilization	3	LIFE001 UNLS001	
ENGL150	English Language I	3		
ENGL152	English Language II	3	ENGL150	
ENGL155	Communication Skills	3	ENGL152	
MNGT100/L	Entrepreneurship Creativity and Innovation	3	Min. 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	Prerequisite/s	Co-requisites
ACCT101	Introduction to Accounting	3		
BUSI101	Introduction to Business	3		
BUSI102	Business Law in Oman	3		
BUSI205	Technical Writing for Business	2	BUSI101 ENGL150	
ECON101	Introduction to Economics	3		
MATH116/L	Pre-Calculus	4	MATH001	MATH116L
MATH222/L	Discrete Mathematics	3	MATH116	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 Elective = 6 Credits				
Two (2) courses to be chosen from the List of College Electives specified for Web Design and Information Security Major				

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Department Requirements = 54 credits				
Course Code	Course Title	No. of Credits	Prerequisite/s	Co-requisites
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	INFS201/L
INFS204/L	Systems Analysis and Design	3	INFS101/L	INFS204L
INFS205/L	Introduction to Computer Security	3	INFS101/L INFS103/L	INFS205L
INFS206/L	Web Design and Development	3	INFS103/L	INFS206L
INFS301/L	Networks and Communication	3	INFS101/L	INFS301L
INFS302/L	Database Management Systems	3	INFS101/L	INFS302L
INFS306/L	Database and Dynamic Web Design	3	INFS206/L, INFS302/L	INFS306L
INFS307/L	Cyber Security	3	INFS205/L	INFS307L
INFS308/L	Web Services and Security	3	INFS206/L INFS301/L	INFS308L
INFS309/L	Web Administration	3	INFS301/L	INFS309L
INFS322/L	Web Applications	3	INFS-102/L INFS201/L INFS302/L	INFS322L
INFS-408/L	Digital Forensics	3	INFS307/L	INFS-408L
INFS454	Internship in Information Systems	6	Should have completed a minimum of 90 Cr. Hrs.	
INFS455	Graduation Project	6	INFS 322/L, and should have completed a minimum of 90 Cr. Hrs.	
Department Electives = 6				
Two (2) courses to be chosen from the following courses				
Course Code	Course Title	No. of Credits	Prerequisite/s	Co-requisites
INFS324/L	Interactive Mobile Application	3	INFS322/L	INFS324L
INFS-407/L	Disaster Recovery and Risk Management	3	INFS307/L	INFS-407L
INFS 421/L	Multimedia Systems	3	INFS 322/L	INFS421L
INFS425/L	Data Mining	3	INFS302/L	INFS425L
INFS427/L	Security Management for Information Systems	3	INFS205/L	INFS427L
INFS428/L	Ethical, Legal and Professional Issues in Computing	3	INFS307/L	INFS428L

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