

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

<b>University Requirements = 21 Credits</b>				
<b>Course Code</b>	<b>Course Title</b>	<b>No. of Credits</b>	<b>Prerequisite/s</b>	<b>Co-requisites</b>
ARAB100	Arabic Language I	3		
ARAB101	Arabic Language II	3	ARAB100	
HIST150	Islamic Civilization	3	LIFE001 UNIS001	
ENGL150	English Language I	3		
ENGL152	English Language II	3	ENGL150	
ENGL155	Communication Skills	3	ENGL152	
COMP101/L	Computer Skills	3	COMP-B MATH001	COMP101L
<b>University Electives = 6 Credits</b>				
<b>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</b>				
<b>College Requirements = 37 Credits</b>				
<b>Course Code</b>	<b>Course Title</b>	<b>No. of Credits</b>	<b>Prerequisite/s</b>	<b>Co-requisites</b>
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		MATH116L
MATH222/L	Discrete Mathematics	3	MATH116/L	MATH222L
MNGT201	Organizational Behavior	3		
MNGT101	Introduction to Management	3		
MNGT204	Introduction to Operations Management	3	MNGT101 ECON101	
MRKT101	Introduction to Marketing	3		
STAT101/L	Introduction to Statistics	4		STAT101L
MNGT303	Entrepreneurship	3	BUSI101	
<b>College Elective = 6 Credits</b>				
<b>Two (2) courses to be chosen from the List of College Electives specified for Web Design and Information Security Major</b>				



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Department Requirements = 54 credits				
Course Code	Course Title	No. of Credits	Prerequisite/s	Co-requisites
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	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
INFS207/L	Database Security	3	INFS102/L	INFS207L
INFS301/L	Networking and Communications	3	INFS202/L	INFS301L
INFS302/L	Database Management Systems	3	INFS102/L INFS204/L	INFS302L
INFS304/L	Project Management	3	INFS204/L	INFS304L
INFS305	Special Topics	1	INFS204/L	
INFS306/L	Database and Dynamic Web Design	3	INFS206/L	INFS306L
INFS307/L	Cyber Security	3	INFS205/L	INFS307L
INFS308/L	Web Services Security	3	INFS302/L	INFS308L
INFS309/L	Web Administration	3	INFS206/L	INFS309L
INFS407/L	Disaster Recovery and Risk Management	2	INFS307/L	INFS407L
INFS408/L	Digital Forensics	2	INFS307/L	INFS408L
INFS404	Final Year Project	3	INFS304/L	
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	INFS206/L	INFS324L
INFS322/L	Web Applications	3	INFS103/L INFS201/L	INFS322L
INFS424/L	Data Mining	3	INFS302/L	INFS424L
INFS427/L	Security Management for Information Systems	3	INFS302/L	INFS427L
INFS428/L	Ethical, Legal and Professional Issues in Computing	3	INFS307/L	INFS428L



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