



**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-Updated May 2021)
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				

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	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

List of College Electives

Bachelors in Web Design and Information Security				
Students shall choose any Two Courses (06 credit hours) from the following list of courses				
Course Code	Course Title	No. of Credits	Pre-Requisite/s	Co-Requisite/s
ECON102	Principles of Micro-Economics	3	ECON101	
ECON103	Principles of Macro-Economics	3	ECON101	
ECON202	Economics of Tourism and Recreation	3	ECON101	
ECON203	International Trade	3	ECON102	
ECON304	Economics of GCC	3	ECON103	
ACCT206	Financial Accounting-I	3	ACCT101	
ACCT207	Cost Accounting	3	ACCT101	
ACCT208	Computerized Accounting System	3	COMP101/L, ACCT101	
BUSI201	International Business Laws	3	BUSI101 BUSI102	
BUSI203	Business Environment and Business Policies	3	BUSI101	
FINA201	Business Finance	3	ACCT101	
FINA202	Principles of Investment	3	FINA201	
MNGT201	Administration and Business Systems in Oman	3	MNGT101, BUSI101	
MNGT202	International Business Management	3	MNGT101, BUSI101	
MNGT204	Introduction to Operations Management	3	BUSI101, ECON101	
MNGT304	Management of Tourism Services	3	MNGT101	
MNGT305	Management of Tour Operations	3	MNGT101	
MNGT322	Management of Services and Professionals	3	MNGT102	
MRKT202	Consumer Behavior	3	MRKT101	
MRKT206	Industrial Marketing	3	MRKT101	