



جامعة نوى  
University of Niwa

**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/s
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 Business	2	BUSI101, ENGL150	
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				

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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				
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	INFS-102/L, INFS204/L	INFS323L
INFS324/L	Interactive Mobile Application	3	INFS322/L	INFS324L
INFS423/L	Human Computer Interactions	3	INFS204/L	INFS423L
INFS425/L	Data Mining	3	INFS302/L	INFS425L
INFS427/L	Security Management for Information Systems	3	INFS205/L	INFS427L

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