

University of Nizwa
College of Economics, Management and Information Systems
Study Plan for Bachelor Science (B.Sc.) in Information Systems (Revised*)

C-Credit Hours, L- Credit Lecture, P- Credit Practical

University Requirements / Electives (UR=24 CH / UE=3CH)			College Requirements / Electives (CR = 37 CH / CE = 6 CH)				Department Requirements / Electives (DR = 54 CH / DE = 6 CH)					
Y	Course	Course Title	P-Req or Co-Req	C	L	P	Course	Course Title	P-Req or Co-Req	C	L	P
Semester One							Semester Two					
1	ARAB100	Arabic Language I (UR)	-	3	3	-	ENGL152	English Language II (UR)	ENGL150	3	3	-
	BUSI101	Introduction to Business (CR)		3	3	-	ECON101	Intro. to Economics (CR)	-	3	3	-
	COMP101/L	Computer Skills (UR)	COMP101L COMP-B MATH001	3	2	2	INFS101/L	Introduction to IS (DR)	COMP101/L INFS101L	3	2	2
	MATH116/L	Pre-Calculus (CR)	MATH116L	4	3	2	INFS102/L	Problem Solving and Programming (DR)	COMP101/L INFS102L	4	3	2
	ENGL150	English language I (UR)	-	3	3	-	INFS103/L	Internet Technology (DR)	COMP101/L INFS103L	3	2	2
				16	14	4						
Semester Three							Semester Four					
2	ARAB101	Arabic Language II (UR)	ARAB100	3	3	-	ACCT101	Intro. to Accounting (CR)	-	3	3	-
	BUSI102	Business law in Oman (CR)	-	3	3	-	BUSI205	Technical Writing for Business (CR)	BUSI101 ENGL150	2	2	-
	ENGL155	Communication Skills (UR)	ENGL152	3	3	-	INFS202/L	IT Hardware & Software (DR)	COMP101/L INFS202L	3	2	2
	INFS201/L	E-Business Architecture and Design (DR)	INFS101/L INFS103/L INFS201L	3	2	2	INFS203/L	Object-Oriented Programming (DR)	INFS102/L INFS203L	4	3	2
	MATH222/L	Discrete Mathematics (CR)	MATH116/L MATH222L	3	2	2	INFS204/L	Systems Analysis and Design (DR)	INFS101/L INFS204L	3	2	2
	MRKT101	Intro. to Marketing (CR)	-	3	3	-	MNGT201	Organizational Behavior (CR)	-	3	3	-
				18	16	4						
Semester Five							Semester Six					
3	UE 1	Choose any course offered by university except CEMIS.		3	3	-	MNGT100	Entrepreneurship Creativity and Innovation (UR)	45 Cr. Hrs.	3	3	-
	CE 1	Choose any course offered in CEMIS, except IS courses.		3	3	-	INFS304/L	Project Management (DR)	INFS204/L INFS304L	3	2	2
	HIST150	Islamic Civilization (UR)	LIFE001 UNLS001	3	3	-	INFS305	Special Topics (DR)	INFS204/L INFS305L	1	1	-
	INFS301/L	Networking and Communications (DR)	INFS202/L INFS301L	3	2	2	INFS322/L	Web Applications (DR)	INFS201/L INFS322L	3	2	2
	INFS302/L	Database Management Systems (DR)	INFS102/L INFS204/L INFS302L	3	2	2	MNGT101	Intro. to Management (CR)	-	3	3	-
	INFS303/L	Data Structure and Algorithms Design (DR)	INFS203/L INFS303L	3	2	2	STAT101/L	Intro. to Statistics (CR)	STAT101L	4	3	2
				18	15	6						
Semester Seven							Semester Eight					
4	DE 1	Choose any course from list of DE courses		3	2	2	DE 2	Choose any course from list of DE courses		3	2	2
	INFS401/L	IS Theory and Practice (DR)	INFS204/L INFS401L	3	2	2	CE 2	Choose any course from list of CE courses		3	3	-
	INFS402/L	Emerging Environment in IS (DR)	INFS201/L INFS302/L INFS402L	3	2	2	INFS404	Final Year Project (DR)	INFS304/L	3	1	4
	INFS421/L	Multimedia Systems (DR)	INFS302/L INFS421L	3	2	2	INFS422/L	Information Security (DR)	INFS301/L INFS302/L INFS422L	3	2	2
	MNGT204	Intro. to Operations Management (CR)	BUSI101 ECON101	3	3	-						
				15	11	8						
TOTAL										12	8	8
130												

This is the suggested study plan. Students are advised to register courses during summer semesters to complete the graduation requirements within the stipulated period

*Applicable to students admitted in Fall Semester 2014 and onwards.

Revised 2: May, 2014

Updated January 2017

Jan, 2019