	University of Nizwa **College of Economics, Management and Information Systems** **Study Plan for Bachelor Science (B.Sc.) in Information Systems (Revised Fall 2019*- Updated May 2021)**

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 Code**	**Course Title**	**P-Req or Co-Req**	**C**	**L**	**P**		**Course Code**	**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)	DL MATH001 COMP101L	3	2	2		INFS101/L	Introduction to Information Systems (DR)	COMP101/L INFS101L	3	2	2				
	MATH116/L	Pre-Calculus (CR)	MATH001 MATH116L	4	3	2		BUSI205	Technical Writing for Business (CR)	BUSI101 ENGL150	2	2	-				
	ENGL150	English language I (UR)	-	3	3	-		INFS-102/L	Problem Solving and Programming (DR)	COMP101/L INFS-102L	3	2	2				
								INFS103/L	Internet Technology (DR)	COMP101/L INFS103L	3	2	2				
				16	**14**	**4**					**17**	**14**	**6**				
	Semester Three							**Semester Four**									
2	ARAB101	Arabic Language II (UR)	ARAB100	3	3	-		INFS-203/L	Object-Oriented Programming (DR)	INFS-102/L INFS-203L	3	2	2				
	BUSI102	Business law in Oman (CR)	-	3	3	-		MNGT100/L	Entrepreneurship Creativity and Innovation (UR)	Min 45 Cr. Hrs., MNGT100L	3	2	2				
	ENGL155	Communication Skills (UR)	ENGL152	3	3	-		INFS204/L	Systems Analysis and Design (DR)	INFS101/L INFS204L	3	2	2				
	INFS201/L	E-Business Architecture and Design (DR)	INFS101/L INFS103/L INFS201L	3	2	2		INFS205/L	Introduction to Computer Security (DR)	INFS101/L INFS103/L INFS205L	3	2	2				
	MATH222/L	Discrete Mathematics (CR)	MATH116/L MATH222L	3	2	2		INFS302/L	Database Management Systems (DR)	INFS101/L INFS302L	3	2	2				
	MRKT101	Intro. to Marketing (CR)	-	3	3	-		MNGT102	Organizational Behavior (CR)	-	3	3	-				
				18	**16**	**4**					**18**	**13**	**10**				
	Semester Five							**Semester Six**									
3	UE	Choose any course offered by university except CEMIS.		3	3	-		INFS454	Internship in Information Systems	Min. 90 Cr. Hrs	6	-	-				
	CE 1	Choose any course offered in CEMIS, except IS courses.		3	3	-											
	HIST150	Islamic Civilization (UR)	LIFE001 UNLS001	3	3	-											
	INFS301/L	Networks and Communication (DR)	INFS101/L INFS301L	3	2	2											
	INFS303/L	Data Structure and Algorithms Designs (DR)	INFS-203/L INFS303L	3	2	2											
	ACCT101	Introduction to Accounting	-	3	3	-											
	INFS322/L	Web Applications (DR)	INFS201/L INFS302/L INFS322L	3	2	2											
				18	**15**	**6**											
	Semester Seven							**Semester Eight**									
4	DE 1	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 Environments in Information Systems (DR)	INFS302/L INFS204/L INFS402L	3	2	2				
	MNGT101	Intro. to Management (CR)	-	3	3	-		INFS421/L	Multimedia Systems	INFS322/L INFS421L	3	2	2				
	STAT101/L	Intro. to Statistics (CR)	STAT101L	4	3	2		DE 2	Choose any course from the list of DE courses		3	2	2				
	INFS304/L	Software Project Management (DR)	INFS204/L INFS304L	3	2	2		INFS455	Graduation Project (DR)	INFS322/L, Min. 90 Cr. Hrs	3	1	4				
	INFS455	Graduation Project (DR)	INFS322/L Min. 90 Cr. Hrs	3	1	4											
				19	**14**	**10**					**15**	**9**	**10**				

Students can choose either of the following:
a) Undergo Internship for full semester (4 months) **OR**
b) Undergo Internship in two consecutive Summer Semesters (2 months each)

TOTAL																**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 who joined CEMIS in the Fall Semester 2019 and after