

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

University Requirements / Electives (UR = 24 CH / UE = 3 CH)			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																																																															
1	ARAB100	Arabic Language I (UR)	-	3	3	-	<table border="1"> <thead> <tr> <th colspan="6">Semester Two</th> </tr> </thead> <tbody> <tr> <td>ECON101</td> <td>Intro. to Economics (CR)</td> <td>-</td> <td>3</td> <td>3</td> <td>-</td> </tr> <tr> <td>INFS101/L</td> <td>Introduction to Information Systems (CR)</td> <td>COMP101/L INFS101L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS-102/L</td> <td>Problem Solving and Programming (DR)</td> <td>COMP101/L INFS-102L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS103/L</td> <td>Internet Technology (DR)</td> <td>COMP101/L INFS103L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>ENGL152</td> <td>English Language II (UR)</td> <td>ENGL150</td> <td>3</td> <td>3</td> <td>-</td> </tr> <tr> <td>BUSI205</td> <td>Technical Writing for Business (DR)</td> <td>BUSI101 ENGL150</td> <td>2</td> <td>2</td> <td>-</td> </tr> <tr> <td colspan="6"></td> <td>17</td> <td>14</td> <td>6</td> </tr> </tbody> </table>						Semester Two						ECON101	Intro. to Economics (CR)	-	3	3	-	INFS101/L	Introduction to Information Systems (CR)	COMP101/L INFS101L	3	2	2	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	ENGL152	English Language II (UR)	ENGL150	3	3	-	BUSI205	Technical Writing for Business (DR)	BUSI101 ENGL150	2	2	-							17	14	6
	Semester Two																																																														
	ECON101	Intro. to Economics (CR)	-	3	3	-																																																									
	INFS101/L	Introduction to Information Systems (CR)	COMP101/L INFS101L	3	2	2																																																									
	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																																																									
ENGL152	English Language II (UR)	ENGL150	3	3	-																																																										
BUSI205	Technical Writing for Business (DR)	BUSI101 ENGL150	2	2	-																																																										
						17	14	6																																																							
COMP101	Computer Skills (UR)	DL MATH001 COMP101L	3	2	2																																																										
BUSI101	Introduction to Business (CR)	-	3	3	-																																																										
MATH116/L	Pre-Calculus (CR)	MATH001 MATH116L	4	3	2																																																										
ENGL150	English language I (UR)	-	3	3	-																																																										
				16	14	4																																																									
Semester Three																																																															
2	BUSI102	Business Law in Oman (CR)	-	3	3	-	<table border="1"> <thead> <tr> <th colspan="6">Semester Four</th> </tr> </thead> <tbody> <tr> <td>MNGT102</td> <td>Organizational Behavior (CR)</td> <td>-</td> <td>3</td> <td>3</td> <td>-</td> </tr> <tr> <td>MNGT100/L</td> <td>Entrepreneurship Creativity and Innovation (UR)</td> <td>MNGT100L Min. 45 Cr. Hrs.</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS206/L</td> <td>Web Design and Development</td> <td>INFS103/L INFS206L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS204/L</td> <td>Systems Analysis and Design (DR)</td> <td>INFS101/L INFS204L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS205/L</td> <td>Introduction to Computer security</td> <td>INFS101/L INFS103/L INFS205L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS302/L</td> <td>Database Management Systems (DR)</td> <td>INFS101/L INFS302L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td colspan="6"></td> <td>18</td> <td>13</td> <td>10</td> </tr> </tbody> </table>						Semester Four						MNGT102	Organizational Behavior (CR)	-	3	3	-	MNGT100/L	Entrepreneurship Creativity and Innovation (UR)	MNGT100L Min. 45 Cr. Hrs.	3	2	2	INFS206/L	Web Design and Development	INFS103/L INFS206L	3	2	2	INFS204/L	Systems Analysis and Design (DR)	INFS101/L INFS204L	3	2	2	INFS205/L	Introduction to Computer security	INFS101/L INFS103/L INFS205L	3	2	2	INFS302/L	Database Management Systems (DR)	INFS101/L INFS302L	3	2	2							18	13	10
	Semester Four																																																														
	MNGT102	Organizational Behavior (CR)	-	3	3	-																																																									
	MNGT100/L	Entrepreneurship Creativity and Innovation (UR)	MNGT100L Min. 45 Cr. Hrs.	3	2	2																																																									
	INFS206/L	Web Design and Development	INFS103/L INFS206L	3	2	2																																																									
	INFS204/L	Systems Analysis and Design (DR)	INFS101/L INFS204L	3	2	2																																																									
INFS205/L	Introduction to Computer security	INFS101/L INFS103/L INFS205L	3	2	2																																																										
INFS302/L	Database Management Systems (DR)	INFS101/L INFS302L	3	2	2																																																										
						18	13	10																																																							
INFS201/L	E-Business Architecture and Design (DR)	INFS101/L INFS103/L INFS201L	3	2	2																																																										
MATH222/L	Discrete Mathematics (CR)	MATH116/L MATH222L	3	2	2																																																										
ARAB101	Arabic Language II (UR)	ARAB100	3	3	-																																																										
ENGL155	Communication Skills (UR)	ENGL152	3	3	-																																																										
MRKT101	Introduction to Marketing (CR)	-	3	3	-																																																										
				18	16	4																																																									
Semester Five																																																															
3	UE	Choose any course offered by university <i>except</i> CEMIS.		3	3	-	<table border="1"> <thead> <tr> <th colspan="6">Semester Six</th> </tr> </thead> <tbody> <tr> <td>INFS454</td> <td>Internship in Information Systems</td> <td>Min. 90 Cr. Hrs.</td> <td>6</td> <td>-</td> <td>-</td> </tr> <tr> <td colspan="6" style="text-align: center;"> 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) </td> </tr> </tbody> </table>						Semester Six						INFS454	Internship in Information Systems	Min. 90 Cr. Hrs.	6	-	-	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)																																						
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	INFS454	Internship in Information Systems	Min. 90 Cr. Hrs.	6	-	-																																																									
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	CE 1	Choose any course offered in CEMIS, <i>except</i> IS courses.		3	3	-																																																									
	HIST150	Islamic Civilization (UR)	LIFE001 UNLS001	3	3	-																																																									
	INFS301/L	Networks and Communication (DR)	INFS101/L, INFS301L	3	2	2																																																									
ACCT101	Introduction to Accounting	-	3	3																																																											
INFS307/L	Cyber Security	INFS205/L INFS307L	3	2	2																																																										
INFS322/L	Web Applications	INFS201/L INFS302/L INFS322L	3	2	2																																																										
				21	18	6																																																									
Semester Seven																																																															
4	DE 1	Choose any course from list of DE courses		3	2	2	<table border="1"> <thead> <tr> <th colspan="6">Semester Eight</th> </tr> </thead> <tbody> <tr> <td>INFS408/L</td> <td>Digital Forensics</td> <td>INFS307/L INFS408L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS308/L</td> <td>Web Services and Security</td> <td>INFS301/L INFS206/L INFS308L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS455</td> <td>Graduation Project</td> <td>INFS322/L Min. 90 Cr. Hrs.</td> <td>3</td> <td>1</td> <td>4</td> </tr> <tr> <td>DE 2</td> <td>Choose any course from list of DE courses</td> <td></td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>INFS309/L</td> <td>Web Administration</td> <td>INFS301/L INFS309L</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td colspan="6"></td> <td>15</td> <td>9</td> <td>12</td> </tr> </tbody> </table>						Semester Eight						INFS408/L	Digital Forensics	INFS307/L INFS408L	3	2	2	INFS308/L	Web Services and Security	INFS301/L INFS206/L INFS308L	3	2	2	INFS455	Graduation Project	INFS322/L Min. 90 Cr. Hrs.	3	1	4	DE 2	Choose any course from list of DE courses		3	2	2	INFS309/L	Web Administration	INFS301/L INFS309L	3	2	2							15	9	12						
	Semester Eight																																																														
	INFS408/L	Digital Forensics	INFS307/L INFS408L	3	2	2																																																									
	INFS308/L	Web Services and Security	INFS301/L INFS206/L INFS308L	3	2	2																																																									
	INFS455	Graduation Project	INFS322/L Min. 90 Cr. Hrs.	3	1	4																																																									
	DE 2	Choose any course from list of DE courses		3	2	2																																																									
INFS309/L	Web Administration	INFS301/L INFS309L	3	2	2																																																										
						15	9	12																																																							
CE 2	Choose any course from list of CE courses		3	3	-																																																										
INFS455	Graduation Project	INFS322/L Min. 90 Cr. Hrs.	3	1	4																																																										
INFS306/L	Database and dynamic Web Design (DR)	INFS206/L INFS302/L INFS306L	3	2	2																																																										
STAT101/L	Introduction to Statistics (CR)	STAT101L	4	3	2																																																										
MNGT101	Introduction to Management (CR)	-	3	3	-																																																										
				19	14	10																																																									
Semester Eight																																																															
TOTAL											130																																																				

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

*Applicable to students who joined CEMIS in the Fall Semester 2019 and after.