


		5	CSC24023	Web Design	تصميم الويب	English	2		2					4	64	86	150	6.00	C	
		6	UOB24024	Arabic Language	لغة عربية	Arabic	2							3	33	17	50	2.00	B	
						Total	13	0	8	0	0	0	0	22	337	413	750	30.00		
Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW L hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code	
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semnn (hr/w)								
UGII	Five	1	CSC35125	Mobile Applications Development	تطوير تطبيقات النقال	English	2		2					4	64	86	150	6.00	E	
		2	CSC35026	Computer Networks	شبيكات الحاسوب	English	3		2					4	79	71	150	6.00	C	
		3	CSC35027	Cryptography	تشفير	English	2		2					4	64	86	150	6.00	C	
		4	CSC35128	Web Applications Development	تطوير تطبيقات الويب	English	2		2					4	64	86	150	6.00	E	CSC24023
		5	CSC35029	Software Engineering	هندسة برمجيات	English	2							3	33	67	100	4.00	E	
		6	UOB35130	English Language III	لغة إنكليزية III	English	2							3	33	17	50	2.00	B	UOB23118
						Total	13	0	8	0	0	0	0	22	337	413	750	30.00		
UGIII	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW L hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code	
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semnn (hr/w)								
UGIII	Six	1	CSC36131	Artificial Intelligence	ذكاء اصطناعي	English	2		2					4	64	86	150	6.00	C	CSC23113
		2	CSC36132	Computer Graphics	رسوم الحاسوب	English	3		2					4	79	71	150	6.00	C	CSC23113
		3	CSC36133	Compilers	مترجمات	English	2		2					4	64	86	150	6.00	E	CSC23116
		4	CSC36134	Introduction to Databases	مقدمة الى قواعد البيانات	English	2		2					4	64	86	150	6.00	C	CSC23113
		5	CSC36135	Cybersecurity	امن سيبراني	English	2							3	33	92	125	5.00	C	CSC35026
		6	UOB36036	Research Methodology	طرائق بحثية	English	1							3	18	7	25	1.00	B	
						Total	12	0	8	0	0	0	0	22	322	428	750	30.00		
Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW L hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code	
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semnn (hr/w)								
UGIV	Seven	1	CSC47037	Digital Image Processing	معالجة الصور الرقمية	English	2		2					4	64	61	125	5.00	E	
		2	CSC47138	Relational Databases	قواعد بيانات علائقية	English	2		2					4	64	86	150	6.00	C	CSC36134
		3	CSC47139	Introduction to Robotics	مقدمة الى الروبوتات	English	2							3	33	92	125	5.00	E	CSC36131
		4	CSC47040	Operating Systems	نظم تشغيل	English	3		2					4	79	71	150	6.00	C	CSC24121
		5	CSC47041	Graduation project	مشروع التخرج	English	2		2					2	62	88	150	6.00	C	
		6	UOB47142	English Language IV	لغة إنكليزية IV	English	2							3	33	17	50	2.00	B	UOB35130
						Total	13	0	8	0	0	0	0	20	335	415	750	30.0		
UGIV	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW L hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code	
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semnn (hr/w)								
UGIV	Eight	1	CSC48043	Data Mining	تنقيب بيانات	English	2		2					4	64	86	150	6.00	E	
		2	CSC48144	Web Security	امنية الويب	English	2							3	33	117	150	6.00	E	CSC35128
		3	CSC48045	Introduction To IoT	مقدمة الى انترنت الأشياء	English	2		2					4	64	86	150	6.00	E	
		4	CSC48146	Multimedia	وسائط متعددة	English	2		2					4	64	86	150	6.00	E	CSC47037
		5	CSC48047	Graduation project	مشروع التخرج	English	2		4					2	92	58	150	6.00	C	
						Total	10	0	10	0	0	0	0	17	317	433	750	30.0		

Total	104	0	60	0	0	0	166	2626	3374	6000	240.0	Must be 240 ECTS
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Note: The student should complete 4 weeks of Summer Internships to fulfill the requirements of the Bachelor's degree

Structured SWL (hr/w) type	CL	Class Lecture	Module type	B	Basic learning activities	SWL:	Student Workload	
	Lab	Laboratory		C	Core learning activity	SSWL:	Structured SWL	
	Pr	Practical Training		S	Support or related learning activity	USSWL:	Unstructured SWL	
	Tut	Tutorial		E	Elective learning activity			
	Lect	Online lecture						
	Sem	Seminar						
Note: Columns O, Q and R are programmed, protected and should not be edited								