

University of Diyala						جامعة ديالى □					
Bachelor's level (First cycle) - Honors Bachelor Degree in Computer Engineering						مستوى البكالوريوس (الدورة الأولى) - بكالوريوس مع مرتبة الشرف في هندسة الحاسوب					
Four years (Eight Semesters) - 240 ECTS credits - 1 ECTS = 25hr						أربع سنوات (ثمانية فصول دراسية) - ٢٤٠ وحدة ائتمانية - كل وحدة ائتمانية = ٢٥ ساعة					
Program Curriculum (2023 - 2024)						المنهاج الدراسي للعام ٢٠٢٣ - ٢٠٢٢					

Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)						
UGI	One	1	E 101	Mathematics	الرياضيات	English	4					2		3	87	88	175	7
		2	CPE 101	C++ Programming 1	برمجة سي ++ 1	English	2		2					4	60	115	175	7
		3	E 102	Electronic Physics	الفيزياء الالكترونية	English	4							3	59	91	150	6
		4	E 103	Engineering Drawing	الرسم الهندسي	English	1			2				3	45	30	75	3
		5	U 101	Computer Science	علم الحاسوب	English	2		2					4	60	40	100	4
		6	U 102	Human Rights and Democracy	حقوق الانسان والديمقراطية	Arabic	2							3	31	19	50	2
							Total	15	0	4	2	2	0	20	342	383	725	29
	UGI	Two	1	CPE 102	C++ Programming 1	برمجة سي ++ 2	English	2		2				4	60	140	200	8
			2	CPE 103	Digital Logic Systems	انظمة المنطق الرقمي	English	4		2				4	88	87	175	7
			3	CPE 104	Electrical Circuits	الدوائر الكهربائية	English	4		3		1		4	116	59	175	7
			4	E 104	Workshops	الورش	Arabic	0			3			3	45	30	75	3
			5	U 103	English Language	اللغة الإنكليزية	English	2						3	31	44	75	3
			6	U 104	Arabic Language	اللغة العربية	Arabic	1						3	17	33	50	2
								Total	13	0	7	3	1	0	21	357	393	750

Note: The student should complete 4 weeks of Summer Internships to fulfill the requirements of the Bachelor of Science 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 Semn	Online lecture Seminar					

Checking

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Module Type	Prerequisite Module(s) Code
B	
C	
S	
B	
B	
B	

Module Type	Prerequisite Module(s) Code
C	CPE 101
C	
S	
B	
B	
B	

	No of Weeks	14	
	No of ECTS	Semester	1
USSWL	Basic	Core	Support
hr/Week	B	C	S
6.3	16	7	6
8.2			
6.5			
2.1			
2.9	SSWL	23	Hr/Week
1.4			
	USSWL	27.4	Hr/Week
		Semester	2
USSWL	Basic	Core	Support
hr/Week	B	C	S
10.0	8	15	7
6.2			
4.2			
2.1			
3.1	Total	24	Hr/Week
2.4			
	USSWL	28.07	Hr/Week

Checking

		No of Weeks	15	
		No of ECTS		
		Semester		1
USSWL	Basic		Core	Support
hr/Week	B	C	S	
4.8	9	21	0	
5.1				
5.5				
3.5				
1.8	SSWL	30	Hr/Week	
0.6				
		Semester		2
USSWL	Basic		Core	Support
hr/Week	B	C	S	
4.8	5	25	0	
5.1				
4.8				
4.1				
1.8	Total	30	Hr/Week	
1.1				
		USSWL	1.1	Hr/Week

Activity type		Structured SWL	Unstructured SWL	Weeks
Class	CL (hr/w)	Class Lectures		15
	Lect (hr/w)			
Lab	Lab (hr/w)	Lab.		15
Project Work	Pr (hr/w)		Preparation for the Project	9
Tutorial	Tut (hr/w)	Tutorial		15
Self Study			Self Study	15
Seminars	Sem (hr/w)	Presenting A Seminar		0
			Preparation for a Seminar	0
Quizzes and assignment			Preparation for the Quizzes	3
Mid-Term Exam		Evaluation		0
			Preparation for the Exam	1
Final-Term Exam		Evaluation		1
			Preparation for the Exam	1
				ECTS
				Total SWL (hr/sem)

Time Factor (hrs)	SWL (hr/sem)	Type	
2	30	SSWL	
	0	SSWL	
2	30	SSWL	
0	0	USSWL	
0	0	SSWL	
4	60	USSWL	
0	0	SSWL	
4	0	USSWL	
4	12	USSWL	
0	0	SSWL	
8	8	USSWL	
3	3	SSWL	
12	12	USSWL	
	155	63	92
	6.2	SSWL	USSWL