

			Republic of Iraq - Ministry of Higher Education and Scientific Research University of Mosul Bachelor's degree in Computer Networks (First cycle) Four years (Eight semesters) - 240 ECTS credits - 1 ECTS = 20 hours Program Curriculum (2024 - 2025)				جمهورية العراق - وزارة التعليم العالي والبحث العلمي جامعة الموصل بكالوريوس في شبكات الحاسوب (الدورة الأولى) أربع سنوات (ثمانية فصول دراسية) - ٢٤٠ وحدة اوردية - كل وحدة اوردية = ٢٥ ساعة المناهج الدراسي للعام 2025-2024											
Level	Semester	No.	Module Code	Module Name in English	SSWL (hr/w)					Semn (hr/w)	Exam hr/sem	SSWL hr/sem	USSWL 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)									
UGI	One	1	NT101	Information Technology Basics	3		2				3	78	72	150	6.00	B		
		2	NT102	Problems Solving & Programming 1	4		2		1		3	108	92	200	8.00	C		
		3	NT103	Calculus	2				1		3	48	77	125	5.00	S		
		4	NT104	Logic Design Fundamentals	3		2		1		3	93	82	175	7.00	C		
		5	UOM102	English Language 1	2						3	33	17	50	2.00	S		
		6	UOM104	Democracy and Human Rights	2						3	33	17	50	2.00	S		
						16	0	6	0	3	0	18	393	357	750	30.00		
	Two	Semester	No.	Module Code	Module Name in English	SSWL (hr/w)					Exam hr/sem	SSWL hr/sem	USSWL 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)	Semn (hr/w)											
			1	NT107	Problems Solving & Programming 2	2		2		1		3	78	72	150	6.00	C	NT102
			2	NT108	Computer Organization	2		2				3	63	62	125	5.00	C	NT104
			3	NT109	Data Communication & Networking	3				1		3	63	62	125	5.00	C	
			4	NT110	Probabilities & statistics	2		2				3	63	62	125	5.00	S	
			5	NT111	Discrete Mathematics	2				1		3	48	52	100	4.00	B	
6			UOM101	Arabic Language	2						3	33	17	50	2.00	S		
7	UOM103	Computer	1		2				3	48	27	75	3.00	S				
					14	0	8	0	3	0	21	396	354	750	30.00			
Level	Semester	No.	Module Code	Module Name in English	SSWL (hr/w)					Exam hr/sem	SSWL hr/sem	USSWL 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)	Semn (hr/w)													
	Three	1	NT201	Object Oriented Programming	2		4		1		3	108	92	200	8.00	C	NT107	
		2	NT202	Web Development I	2		2				3	63	87	150	6.00	C	NT107	
		3	NT203	Network Protocols I	2				1		3	48	52	100	4.00	C	NT109	
		4	NT204	Data Structures	2		2				3	63	87	150	6.00	C	NT107	
		5	NT205	IT Ethics	2						2	32	18	50	2.00	C		
		6	UOM2022	English Language 2	2						3	33	17	50	2.00	S		
		7	UOM2050	Ba'ath Party Crimes	2						3	33	17	50	2.00	S		
					14	0	8	0	2	0	20	380	370	750	30.00			
	Four	Semester	No.	Module Code	Module Name in English	SSWL (hr/w)					Exam hr/sem	SSWL hr/sem	USSWL 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)	Semn (hr/w)												
		1	NT207	Visual Programming	2		2				3	63	87	150	6.00	C	NT201	
		2	NT208	Algorithms Analysis and Design	2		2				3	63	62	125	5.00	C	NT204	
		3	NT209	Databases	2		2				3	63	62	125	5.00	C	NT204	
		4	NT210	Web Development II	2		2				3	63	87	150	6.00	C	NT202	
		5	NT211	Network Protocols II	2		2				3	63	87	150	6.00	C	NT203	
	6	UOM2012	Arabic Language 2	2						3	33	17	50	2.00				
					12	0	10	0	0	0	18	252	298	750	30.00			
UGIV																		
		CL	Class Lecture	B	Basic learning activities					SWL:	Student Workload							
		Lab	Laboratory	C	Core learning activity					SSWL:	Structured SWL							
		Pr	Practical Training	S	Suport or related learning activity					USSWL:	Unstructured SWL							

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