



Republic of Iraq - Ministry of Higher Education and Scientific Research

University of Anbar

Bachelor's degree in Mathematics

Four years (Eight semesters) - 240 ECTS credits - 1 ECTS = 25 hr

Program Curriculum (2023 - 2024)

جمهورية العراق - وزارة التعليم العالي والبحث العلمي

جامعة الانبار

بكالوريوس علوم في الرياضيات

أربع سنوات (ثمانية فصول دراسية) - 240 وحدة اوروبية - كل وحدة اوروبية = 25 ساعة

المنهاج الدراسي للعام 2023-2024



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)	Semn (hr/w)							
UGI	One	1	ScMath 3101	Calculus1	تفاضل وتكامل 1	English	4	1			1		4	94	106	200	8.00	C	
		2	ScMath 3102	Linear Algebra1	جبر خطي 1	English	4	1			1		4	94	106	200	8.00	C	
		3	ScMath 3103	Foundations of Mathematics1	اسس الرياضيات 1	English	4	1			1		4	94	81	175	7.00	C	
		4	UoA 111	Computer Science	علم الحاسوب	Arabic	2		2				2	62	13	75	3.00	B	
		5	UoA 112	Human Rights and Democracy	حقوق الانسان والديمقراطية	Arabic	2						2	32	18	50	2.00	S	
		6	UoA 113	Arabic Language	اللغة العربية	Arabic	2						2	32	18	50	2.00	S	
Total							18	3	2	0	3	0	18	408	342	750	30.00		
UGI	Two	1	ScMath 3104	Calculus2	تفاضل وتكامل 2	English	4	1			1		4	94	106	200	8.00	C	ScMath 3101
		2	ScMath 3105	Linear Algebra2	جبر خطي 2	English	4	1			1		4	94	106	200	8.00	C	ScMath 3102
		3	ScMath 3106	Foundations of Mathematics2	اسس الرياضيات 2	English	4	1			1		4	94	56	150	6.00	C	ScMath 3103
		4	CoS 121	General Mechanics	ميكانيك عام	Arabic	2		2				2	62	13	75	3.00	B	
		5	UoA 121	Programing Basic	اساسيات البرمجة	Arabic	2		2				2	62	13	75	3.00	B	
		6	UoA 122	English Language1	لغة انكليزية 1	English	2						2	32	18	50	2.00	S	
Total							18	3	4	0	3	0	18	438	312	750	30.00		
UGII	Three	1											0		0	0.00	C		
		2											0		0	0.00	C		
		3											0		0	0.00	C		
		4											0		0	0.00	C		
		5											0		0	0.00	B		
		6											0		0	0.00	S		
Total							0	0	0	0	0	0	0	0	0	0	0.00		
UGII	Four	1											0		0	0.00	C		
		2											0		0	0.00	C		
		3											0		0	0.00	C		
		4											0		0	0.00	C		
		5											0		0	0.00	B		
		6											0		0	0.00	S		
Total							0	0	0	0	0	0	0	0	0	0	0.00		

Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam	SSWL	USSW	SWL	ECTS	Module	Prerequisite
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)	hr/sem	hr/sem	hr/sem	hr/sem		Module(s)	

Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)	hr/sem	hr/sem	hr/sem	hr/sem	ECTS	Type	Module(s) Code
UGII	Five	1												0		0	0.00	C	
		2												0		0	0.00	C	
		3												0		0	0.00	C	
		4												0		0	0.00	C	
		5												0		0	0.00	B	
		6												0		0	0.00	S	
														0	0	0	0.00		

UGIII	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW I 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)							
UGIII	Six	1	ScMath 3305										0		0	0.00	C		
		2	ScMath 3306										0		0	0.00	C		
		3	ScMath 3307										0		0	0.00	C		
		4	ScMath 3308										0		0	0.00	C		
		5	ScMath 2302										0		0	0.00	B		
		6	ScMath 1302										0		0	0.00	S		
													0	0	0	0.00			

Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW I 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)							
UGIV	Seven	1											0		0	0.00	C		
		2											0		0	0.00	C		
		3											0		0	0.00	C		
		4											0		0	0.00	C		
		5											0		0	0.00	C		
		6											0		0	0.00	S		
													0	0	0	0.0			

UGIV	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW I 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)							
UGIV	Eight	1											0		0	0.00	C	ScMath 3401	
		2											0		0	0.00	C	ScMath 3402	
		3											0		0	0.00	C	ScMath 3403	
		4											0		0	0.00	C	ScMath 3404	
		5											0		0	0.00	C		
		6											0		0	0.00	C		
													0	0	0	0.0			

Total	36	6	6	0	6	0	36	846	654	1500	60.0	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	Suport or related learning activity	USSWL:	Unstructured SWL
	Tut	Tutorial		E	Elective learning activity		
	Lect Sem n	Online lecture Seminar					

Note: Columns O, Q and R are progmaed, protected and should not be edited

