

		Republic of Iraq - Ministry of Higher Education and Scientific Research University of Information Technology and Communications Bachelor's degree in Mobile Communications and Computing Engineering 2 Four years (Eight semesters) - 240 ECTS credits - 1 ECTS = 30 hr Program Curriculum (2024 - 2025)						جمهورية العراق - وزارة التعليم العالي والبحث العلمي جامعة تكنولوجيا المعلومات والاتصالات بكالوريوس في هندسة الاتصالات والحوسبة المتنقلة 2 أربع سنوات (ثمانية فصول دراسية) - ٢٤٠ وحدة اوروبية - كل وحدة اوروبية = 30 ساعة المنهاج الدراسي للعام 2024-2025																
Level	Semester	No.	new code		TYPE	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	Module Type			
										CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)									
UGI	One	1	ITC000021	ITC-0-0-002-1	University	UOITC01	Computer I	الحاسوب 1	English	1			2				2	47	28	75	3.00	B		
		2	ITC000031	ITC-0-0-003-1	University	Eng102	English Language I	اللغة الإنجليزية 1	English	2							2	32	18	50	2.00	B		
		3	ITC200031	ITC-2-0-003-1	College	ECT1	Electrical Circuits I	الدوائر الكهربائية 1	English	2		3					3	78	72	150	6.00	C		
		4	ITC200040	ITC-2-0-004-0	College	EDW1	Engineering Drawing	الرسم الهندسي	English			3					3	48	27	75	3.00	S		
		5	ITC200011	ITC-2-0-001-1	College	MAT1	Mathematics I	الرياضيات 1	English	3							3	48	102	150	6.00	B		
		6	ITC220030	ITC-2-2-003-0	Department	EET1	Engineering Ethics	أخلاقيات هندسية	English	2							3	33	62	95	3.80	C		
		7	ITC220010	ITC-2-2-001-0	Department	EPH1	Electronics Physics	فيزياء الالكترونيات	English	3							3	48	77	125	5.00	B		
		Total								13		8				19	334	386	720	28.80				
	Two	1	ITC000041	ITC-0-0-004-1	University	ARB101	Arabic Language I	اللغة العربية 1	Arabic	2							2	32	18	50	2.00	B		
		2	ITC000000	ITC-0-0-000-0	University	Dhr103	Democracy and Human Rights	الديمقراطية وحقوق الانسان	Arabic	2							2	32	18	50	2.00	B		
		3	ITC200050	ITC-2-0-005-0	College	CPR2	Computer Programming	برمجة الحاسوب	English	2		3					3	78	72	150	6.00	C		
		4	ITC200020	ITC-2-0-002-0	College	DSD1	Digital Systems Design	تصميم النظم الرقمية	English	3		2					3	78	72	150	6.00	C		
		5	ITC200032	ITC-2-0-003-2	College	ECT2	Electrical Circuits II	الدوائر الكهربائية 2	English	2		3					3	78	72	150	6.00	C		
		6	ITC200012	ITC-2-0-001-2	College	MAT2	Mathematics II	الرياضيات 2	English	3							3	48	77	125	5.00	B		
		7	ITC220020	ITC-2-2-002-0	Department	MCP2	Mathematic for Computing	رياضيات الحوسبة	Arabic	2							3	33	42	75	3.00	S		
		Total								16		8				19	379	371	750	30.00				
UGII	Three	1	ITC000010	ITC-0-0-001-0	University	ARC204	AL-Baath Regime Crimes in Iraq	جرائم نظام البعث في العراق	Arabic	2							2	32	18	50	2.00	B		
		2	ITC200070	ITC-2-0-007-0	College	ELC3	Electronics	الالكترونيات	English	2		3					3	78	72	150	6.00	C		
		3	ITC200061	ITC-2-0-006-1	College	EMT3	Engineering Mathematics I	الرياضيات الهندسية 1	English	3							3	48	77	125	5.00	B		
		4	ITC200080	ITC-2-0-008-0	College	STP3	Statistics and Probability	الإحصاء والاحتمالية	English	3							3	48	27	75	3.00	B		
		5	ITC220040	ITC-2-2-004-0	Department	WDG3	Web Design	تصميم المواقع	English	2		3					3	78	47	125	5.00	E		
		6	ITC220050	ITC-2-2-005-0	Department	EMF3	Electromagnetic Fields	المجالات الكهرومغناطيسية	English	2							3	33	67	100	4.00	C		
		7	ITC220101	ITC-2-2-010-1	Department		Computer Networks I	شبكات الحاسوب 1	English	2		2					3	63	62	125	5.00	C		
		Total								16		8				20	380	370	750	30.00				
	Four	1	ITC000042	ITC-0-0-004-2	University		Arabic Language II	اللغة العربية 2	Arabic	2							2	32	18	50	2.00	B		
		2	ITC000022	ITC-0-0-002-2	University		Computer II	الحاسوب 2	English	1		2					2	47	28	75	3.00	B		
		3	ITC000032	ITC-0-0-003-2	University		English Language II	اللغة الإنجليزية 2	English	2							2	32	18	50	2.00	B		
		4	ITC200062	ITC-2-0-006-2	College		Engineering Mathematics II	الرياضيات الهندسية 2	English	3							3	48	102	150	6.00	B		
		5	ITC200100	ITC-2-0-010-0	College		Linear Algebra	الجبر الخطي	English	3							3	48	52	100	4.00	B		
		6	ITC220070	ITC-2-2-007-0	Department		Communications Fundamentals	أسس الاتصالات	English	3		2					3	78	97	175	7.00	C		
		7	ITC200090	ITC-2-0-009-0	College		Digital Electronics	الالكترونيات رقمي	English	2		3					3	78	72	150	6.00	C		
		Total								16		7				18	363	387	750	30.00				
UGIII	Five	1	ITC200110	ITC-2-0-011-0	College		Numerical Analysis	التحليل العددي	English	3							3	48	52	100	4.00	B		
		2	ITC200121	ITC-2-0-012-1	College		Space Science I	علم الفضاء 1	English	3							3	48	52	100	4.00	E		
		3	ITC220090	ITC-2-2-009-0	Department		Antenna and Wave Propagation	الهوائيات وانتشار الموجات	English	3		2					3	78	97	175	7.00	C		
		4	ITC220102	ITC-2-2-010-2	Department		Computer Networks II	شبكات الحاسوب 2	English	2		2					3	63	62	125	5.00	C		
		5	ITC220110	ITC-2-2-011-0	Department		Digital Communications	الاتصالات الرقمية	English	2		3					3	78	72	150	6.00	C		
		6	ITC220120	ITC-2-2-012-0	Department		Project Management	إدارة المشاريع	English	2		2					3	63	37	100	4.00	S		
		Total								15		9				18	378	372	750	30.00				
	Six	1	ITC200122	ITC-2-0-012-2	College		Space Science II	علم الفضاء 2	English	3							3	48	52	100	4.00	E		
		2	ITC220140	ITC-2-2-014-0	Department		Digital Signal Processing	معالجة الإشارة الرقمية	English	2							3	33	67	100	4.00	C		
		3	ITC220201	ITC-2-2-020-1	Department		Mobile Applications Development I	تطوير تطبيقات الهاتف المحمول 1	English	2		2					3	63	87	150	6.00	C		
		4	ITC220080	ITC-2-2-008-0	Department		Microprocessors	المعالجات الدقيقة	English	2		2					3	63	62	125	5.00	C		
		5	ITC220150	ITC-2-2-015-0	Department		Information Theory and Coding	نظرية المعلومات والترميز	English	2		2					3	63	87	150	6.00	C		
		6	ITC220170	ITC-2-2-017-0	Department		Embedded Systems	الانظمة المدمجة	English	2		3					3	78	47	125	5.00	E		
		Total								13		9				18	348	402	750	30.00				
UGIV	Seven	1	ITC200131	ITC-2-0-013-1	College		Graduation Project I	مشروع التخرج 1	English	1		2					3	48	52	100	4.00	C		
		2	ITC220160	ITC-2-2-016-0	Department		Artificial Intelligence	الذكاء الاصطناعي	English	2		2					3	63	62	125	5.00	E		
		3	ITC220210	ITC-2-2-021-0	Department		Mobile Communication	الاتصالات المتنقلة	English	2		2					3	63	87	150	6.00	C		
		4	ITC220190	ITC-2-2-019-0	Department		Network Security	امن الشبكات	English	2		2					3	63	37	100	4.00	E		
		5	ITC220202	ITC-2-2-020-2	Department		Mobile Applications Development II	تطوير تطبيقات الهاتف المحمول 2	English	2		2					3	63	62	125	5.00	C		
		6	ITC220180	ITC-2-2-018-0	Department		Satellite Communications	اتصالات الأقمار الصناعية	English	3		2					3	78	72	150	6.00	C		
		Total								12		12				18	378	372	750	30.00				
	Eight	1	ITC200132	ITC-2-0-013-2	College		Graduation Project II	مشروع التخرج 2	English	1		2					3	48	52	100	4.00	C		
		2	ITC220230	ITC-2-2-023-0	Department		Internet of Things	انترنت الأشياء	English	2		2					3	63	62	125	5.00	E		
		3	ITC220220	ITC-2-2-022-0	Department		Optical Fiber Communications	اتصالات الألياف البصرية	English	2		2					3	63	62	125	5.00	C		
		4	ITC220060	ITC-2-2-006-0	Department	VDT3	Mobile Computing	الحوسبة المتنقلة	English	2		2					3	63	62	125	5.00	C		
		5	ITC220130	ITC-2-2-013-0	Department		Soft Computing	الحوسبة المرنة	English	2		2					3	63	62	125	5.00	E		
		6	ITC220240	ITC-2-2-024-0	Department		Wireless Communication Networks	شبكات الاتصالات اللاسلكية	English	3		2					3	78	72	150	6.00	C		
		Total								12		12				18	378	372	750	30.00				
										Total	113	0	73	0	0	0	148	2938	3032	5970	238.8			
Note: The student should complete 4 weeks of Summer Internships to fulfil the requirements of the Bachelor's degree																								
Structural and SWL		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	Note: * ABET Requirements																
		Semn					Seminar	Note: Columns O, Q and R are progamed, protected and should not be edited																

			
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
		Computer Science	U
		University and Languages	U
		Engineering	C
		Engineering	C
		ABET	C
		Media Technology	D
		Engineering	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
		University and Languages	U
		University and Languages	U
		Computer Science	C
		Engineering	C
ITC200031	ECT1	Engineering	C
ITC200011	MAT1	ABET	C
ITC200011		Media Technology	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
		University and Languages	U
ITC200032	ECT2	Engineering	C
ITC200012	MAT2	ABET	C
ITC200012	MAT2	ABET	C
ITC200050	CPR2	Computer Science	D
ITC200012	MAT2	Engineering	D
	AUT2	Media Technology	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
ITC000041	ARB101	University and Languages	U
ITC000021	UOITC01	Computer Science	U
ITC000031	MPS4	University and Languages	U
ITC200061	EMT3	ABET	C
ITC200012	DSD2	ABET	C
ITC200070 + ITC200061	EMT3+ECT2	Communication	D
ITC200070	ELC3	Engineering	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
ITC200100	MAT2	ABET	C
	EPH1	ABET	C
ITC220070 + ITC220050	EMF3	Communication	D
ITC220101		Computer Science	D
ITC220070 + ITC220050	CMF4	Communication	D
	VDT3	Media Technology	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
ITC200121	SSC5	ABET	C
ITC200062	MAT2	Communication	D
ITC220040	CNT5	Computer Science	D
ITC200020	STP3	Engineering	D
ITC200080 + ITC220110	DCM5+STP3	Communication	D
ITC200090 + ITC200050	DEL4	Engineering	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
		University and Languages	C
ITC200080 + ITC200050	STP3 + CPR2	Computer Science	D
ITC220150 + ITC220140	LGA4+DSP6	Engineering	D
ITC220102	ITC6	Communication	D
ITC220201	CPR2	Computer Science	D
ITC220110	ITC6	Communication	D
new Prerequisite code	Prerequisite Module(s) Code	Program Requirements Classification	Requirement Level
ITC200131	GPR7	University and Languages	C
ITC220170 + ITC220102	CNT6+EDS7	Communication	D
ITC220090	DCM5+EMF3	Communication	D
ITC220190 + ITC220202	MGD6	Media Technology	D
ITC220160	SCM7+AWP5	Computer Science	D
ITC220150 + ITC220140	AWP5+DCM5	Communication	D
Must be 240 ECTS		52	U: University C: College D: Department