



## اللائحة الدراسية:

### First year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	First year	4	0	4	General Chemistry	101 C
		4	1	4	Optics - Electricity	101 Ph
		0	2	3	Geometry - Statics	101 M
		0	2	1	Computer	
		0	2	4	Calculus	102 M
second semester		4	0	2	General Chemistry	102C
		0	0	2	Organic Chemistry	103 C
		4	1	4	Heat and Properties of Matter Magnetism	102 Ph
		0	3	4	Advanced Calculus and Algebra	103M
		0	2	3	Dynamics	104 M
	0	1	2	English Language	102 L	

### Second year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Second year	0	1	2	Differential Equations	201M
		0	1	2	Introduction to Statistics	202 M
		0	2	4	Real Analysis - Statics	203 M
		2	1	2	Thermodynamics	201 Ph
		4	1	4	Electric Circuits and Electrostatics	202 Ph
second semester		0	0	2	Human Rights and General Principles of The Law	
		0	1	2	Linear Algebra	204 M
		0	1	2	Solid geometry	205 M
		0	2	4	Dynamics	206 M
		4	1	2	Solid State and electronics	203 Ph
	2	1	4	Atomic physics and Physical optics	204 Ph	
	2	0	1	Computer		
0	1	2	English Language	202 L		



## Third year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Third year	0	1	3	Numerical Analysis	321 M
		0	1	3	Mathematical -Logic Algebra	322 M
		0	1	3	Complex Analysis&Real	323 M
		0	0	3	Statistics &Probability	305 M
		4	1	4	Principle of Computer Science Math-Programming	308 M
		0	1	2	Theory of Diff. Equations-Partial Diff. Equations	324 M
second semester		2	0	2	Data Structure	325 M
		0	1	2	Calculus of Variation	326 M
		2	0	3	Logical Design	327 M
		0	0	2	Special Functions	328 M
		0	0	2	Optional Course	329 M
		0	0	2	English Language	302 L

## Fourth year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Fourth year	0	1	4	Special Functions Functional Analysis	406 M
		0	0	2	Topology	420 M
		2	0	2	Statistics &Probability Statistical Packages	421 M
		2	0	4	Programming System Databases & Analysis	422 M
		0	1	2	Numerical Analysis	423 M
		0	0	2	Measurements Theory Operation Research	424 M
second semester		4	0	2	Theory of Computers	425 M
		0	0	2	Compiniatrics Principles of Compilers	426 M
		0	0	2	Automation Theory	427 M
		0	2	2	Databases	428 M
		0	0	2	Essay	
		0	0	2	English Language	402 L