



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	4	Calculus	102 M
		0	2	1	Computer	
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
		0	0	2	Human Rights and General Principles of The Law	
second semester		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	Abstract Algebra	301M
		0	3	4	Complex analysis - Numerical Analysis	302 M
		0	1	3	Electrodynamics	303 M
		0	1	4	Theory of elasticity - Advanced mechanics	304 M
		0	0	3	Statistics&Probability	305 M
		2	0	1	Computer	
second semester		0	1	2	Functional Analysis	306 M
		0	0	3	Topology	307 M
		4	1	4	Principle of computer science-Math. Programming	308 M
		0	0	2	Theory of Differential Equations	309 M
		0	1	3	Analytical Mechanics	310 M
		0	1	2	Special Relativity	311 M
	0	1	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	0	4	Differential Geometry Partial Diff.Eq	401 M
		0	0	4	Logic or Number theory of Algebra - Optional Course	402 M
		4	0	2	Principle of Computer Sciences	403 M
		0	0	2	General Relativity	404 M
		0	0	4	Quantum Mechanics - Hydro Dynamics	405 M
		0	0	4	Special Functions - Functional Analysis	406 M
second semester		0	0	3	Topology - Complex Analysis	407 M
		0	0	4	Quantum Mechanics - Mathematical Physics	408 M
		0	0	4	Measure Theory - Theory of Fields	409 M
		2	0	2	Principles of Computer Sciences	410 M
		0	0	2	Essay	
		0	1	2	English Language	402 L