



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	4	Statistics&Numerical Analysis- probability	315 M
		2	0	4	Computer Languages Principles of Programming Computer Science. Math	316 M
		0	1	2	Logical Design	317 M
		0	1	2	Electromagnetic Theory	313 Ph
		0	0	2	Solid State Physics	314 Ph
		0	1	2	Quantum Mechanics	315 Ph
		6	0	0	Experimental Physics	324 Ph
second semester		0	0	4	Theory of Diff. Equations Special Functions	318 M
		2	0	2	Number Theory Statistical Packages&Logic	319 M
		2	1	4	Data Structures-Calculus of Variation	320 M
		0	1	2	Statistical Thermodynamics	304 Ph
		0	0	2	Atomic Physics	318 Ph
		0	0	2	Physics Nuclear	309 Ph
		6	0	0	Experimental Physics	325 Ph
	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	2	Complex Analysis	415 M
		2	0	4	Statistics Math. Programming&Probability	412 M
		2	0	2	System Analysis Database	416 M
		0	1	2	Quantum Mechanics	401 Ph
		0	1	2	Programming and Computational Physics	416 Ph
		0	0	2	Electronics	417 Ph
		6	0	0	Experimental Physics	421 Ph
second semester		0	0	2	Partial Diff. Equations&Integral	417 M
		0	2	4	Operation Research Database	418 M
		2	0	2	Theory of Computers	419 M
		0	1	2	Electrodynamics	413 Ph
		0	0	2	Electronics	418 Ph
		0	0	2	Nuclear Physics	415 Ph
		6	0	0	Experimental Physics	422 Ph
	0	0	2	Essay		
0	1	2	English Language	402 L		