



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	2	Theory of Probability	330 M
		0	1	3	Statistical Methods	
		2	1	2	Principle of Computer	308 M
		2	0	2	Science Math-Programming	
		0	1	3	Numerical Analysis	321 M
		0	0	2	Logical or Number Theory	331M
		2	0	0	Statistical Packages	
		0	0	2	Theory of Diff. Equations	332 M
second semester		0	1	2	Mathematical Statistics	333 M
		0	0	2	Stochastic Processes	
		2	0	3	System &Data Structure Data Base&Analysis	334 M
		2	0	2	System Analysis	335 M
		0	1	2	Partial Diff. Equations	336 M
		0	1	2	Special Functions	
		0	1	3	Functional Analysis	337 M
		0	0	1	English Language	301 L

Fourth year

semester	Level	Number of hours/week			Course Name	Course code
		Lab.	exercises	Lectures		
first semester	Fourth year	0	0	2	Measure	424 M
		0	0	2	Theory Operation Research	
		0	0	2	Mathematical Statistics	429 M
		0	0	2	Theory of Probability	
		2	0	2	Math. Programming	430 M
		2	0	2	Database	
0		0	2	Logical Design	431 M	
second semester		2	0	2	Excremental Designed	432 M
		0	0	2	Sequential Analysis	
		0	0	2	Optional Course	433 M
		0	0	2	Calculus of Variation	
		0	0	2	Cominatrics and Theory of Computers	434 M
		0	0	2	Complex Analysis	
		0	1	2	Topology	435 M
	0	0	2	Essay		
0	0	1	English Language	402 L		