

Guidance Plan

First year							
First Semrster				Second Semrster			
Course Number	Course	Credit hours	Prerequisite	Course Number	Course	Credit hours	Prerequisite
0300101	Calculus 1	3	--	0300102	Calculus 2	3	0300101
0300103	Statistics and Probability	3	--	0300122	General Physics 2	3	0300121
0300121	General Physics 1	3	--	0300131	General Chemistry1	3	--
--	University Requirments	3	--	0301151	Logic & Set Theory	3	--
--	University Requirments	3	--	-	University Requirments	3	--
	Arabic, English and Computer language test	0	--	0200115	Society development and volunteer work	0	--
	total	15			total	15	

Second year							
First Semrster				Second Semrster			
Course Number	Course	Credit hours	Prerequisite	Course Number	Course	Credit hours	Prerequisite
0301201	Calculus3	3	0300102	1501110	Computer Programming 1	3	--
0301261	Euclidean Geometry	3	0301151	0300141	General Biological Sciences 1	3	--
0301241	Linear Algebra 1	3	--	0301203	Ordinary Differential Equation1	3	0300102
0302201	Mathematical Physics 1	3	0300122	0301304	Advanced Calculus	3	0301201
--	University Requirments	3	--	--	University Requirments	3	--
--	University Requirments	1	--	--	University Requirments	1	--
	total	16			total	16	

Third year							
First Semrster				Second Semrster			
Course Number	Course	Credit hours	Prerequisite	Course Number	Course	Credit hours	Prerequisite
0301302	Partial Differential Equations 1	3	0301203	0301336	Mathematical Statistics	3	0301334
0301311	Real Analysis 1	3	0301151	0301341	Modern Algebra1	3	0301151
0301334	Theory of probability	3	0301201 & 0300103	0301361	General Topology	3	0301151
0301342	N umber Theory	3	0301151	0301372	Numerical Analysis	3	0301241
--	Department Elective Requirmints	3	--	--	Department Elective Requirmints	3	--
--	University Requirments	1	--	--	University Requirments	3	--
	total	16			total	18	

Fourth year							
First Semrster				Second Semrster			
Course Number	Course	Credit hours	Prerequisite	Course Number	Course	Credit hours	Prerequisite
0301413	Complex Analysis	3	0301311	0301412	Mathematical Analysis	3	0301311
0301411	Real Analysis 2	3	0301311	0301441	Linear Algebra 2	3	0301241
0301403	Ordinary Differential Equation 2	3	0301304	0301405	Integral equations	3	0301302
0301474	Mathematical Packages	3	0301304	--	Department Elective Requirmints	3	--
--	Department Elective Requirmints	3	--	--	University Requirments	3	--
--	University Requirments	3	--	--	The free requirements	3	--
				--	Research seminar	0	--
	total	18			total	18	