



Advisement Plan / Mathematics
(2021/2022)

Year	First Semester				Second Semester			
	Course No.	Course Name	Cr.	Prerequisite	Course No.	Course Name	Cr.	Prerequisite
1	0250101	Calculus (1)	3	---	0250102	Calculus (2)	3	0250101
	0211101	General Physics (1)	3	---	0114103	Communication Skills (Arabic Language)	3	---
	0212101	General Chemistry (1)	3	---	0250231	Elementary Prob. And Statistics	3	---
	0111101	National Education	3	---	0250241	Linear Algebra (1)	3	0250101
		University Elective	3	---		University Elective	3	
	Total Credit Hours		15 Hours		Total Credit Hours		15 Hours	
2	0250202	Calculus (3)	3	0250102	0250203	Ordinary Differential Equations	3	0250202
	0250251	Set Theory	3	0250102	0250232	Probability Theory	3	0250202 0250231
	0240101	General Biology (1)	3	---	0250262	Modern Euclidean Geometry (1)	3	0250251
	0130107	Communication Skills (English Language 1)	3	---	0250302	Calculus (4)	3	0250202
		University Elective	3		0130108	Communication Skills (English Language 2)	3	0130107
		Faculty Elective	3		0330103	Leadership and Innovation	1	---
	Total Credit Hours		18 Hours		Total Credit Hours		16 Hours	
3	0250313	Number Theory	3	0250251	0250312	Complex Analysis	3	0250311
	0250311	Real Analysis (1)	3	0250251	0250342	Abstract Algebra (1)	3	0250251
	0250332	Mathematical Statistics	3	0250232	0250352	Graph Theory and Combinatorics	3	0250251
	0250341	Linear Algebra (2)	3	0250241	0250371	Numerical Analysis	3	0250203
	0250372	Computer Aided Math	3	0250203	0250381	Problem Solving	3	0250311
		Faculty Elective	3			Department Elective	3	
	Total Credit Hours		18 Hours		Total Credit Hours		18 Hours	
4	0250305	Partial Differential Equations	3	0250203	0250373	Linear Programming	3	0250241
	0250411	Real Analysis (2)	3	0250311	0250471	Mathematical Modeling	3	0250203
	0250442	Abstract Algebra (2)	3	0250342	0250481	Teaching Methods Math	3	0250262
	0250465	Topology	3	0250311	0250492	Special Topics	3	0250341
		Department Elective	3		0111102	Military Science	3	---
	0115102	Leadership and Responsibility	1	---	0170101	Life Skills	1	---
	Total Credit Hours		16 Hours		Total Credit Hours		16 Hours	