

**MATHEMATICS MSc (without Thesis)**

SCIENTIFIC PREPARATION COURSES				
Dept.	Code	Course Name	CR.	ECTS
MATH	231	Linear Algebra I	NC	
MATH	232	Linear Algebra II	NC	
MATH	245	Ordinary Differential Equations	NC	
MATH	255	Calculus III	NC	
MATH	252	Real Analysis I	NC	
MATH	212	Differential Geometry	NC	
MATH	325	Elementary Number Theory	NC	
MATH	357	Complex Analysis	NC	
MATH	321	Introduction to Group Theory	NC	
MATH	322	Abstract Algebra	NC	
MATH	343	Partial Differential Equations	NC	
MATH	362	Mathematical Probability	NC	
MATH	439	Metric and Topological Spaces	NC	
MATH	456	Functional Analysis	NC	
PROGRAM COURSES				
Dept.	Code	Course Name	CR.	ECTS
MATH	521	Algebra I	3	10
MATH	531	Topology	3	10
MATH	553	Complex Analysis	3	10
MATH	555	Measure and Integration Theory	3	10
MATH	580	Matematikte Araştırma Yöntemleri	3	10
MATH		Departmental Elective I	3	10
MATH		Departmental Elective II	3	10
MATH		Departmental Elective III	3	10
MATH		Departmental Elective IV	3	10
MATH		Departmental Elective V	3	10
MATH	590	Seminar I	NC	10
MATH	591	Research Report	NC	10
		TOTAL	30	120
EXTRA/NON-DEGREE COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Extra/Non-degree	NC	

Course Group	Description
Department Elective I-IX	Mathematics courses under GSNAS
Extra/Non-degree	Optional, non-credit (NC) courses that are not part of the program
Remedial Courses	Undersgraduate level courses offered by department