

MATHEMATICS EDUCATION PROGRAM

FIRST YEAR

First Semester			Second Semester		
MATH 111	Fundamentals of Mathematics	(3-0) 3	MATH 112	Introductory Discrete Mathematics	(3-0) 3
MATH 115	Analytic Geometry	(3-0) 3	MATH 116	Basic Algebraic Structures	(3-0) 3
MATH 153	Calculus for Mathematics Students I	(4-2) 5	MATH 154	Calculus for Mathematics Students II	(4-2) 5
PHYS 111	Physics I (Mechanics)	(4-2) 5	PHYS 112	Physics II (Electricity and Magnetism)	(4-2) 5
ENG 101	English for Academic Purposes I	(4-0) 4	ENG 102	English for Academic Purposes II	(4-0) 4
			IS100	Introduction to Information Technology and Applications	NC

SECOND YEAR

Third Semester			Fourth Semester		
MATH 251	Advanced Calculus I	(4-0) 4	MATH 252	Advanced Calculus II	(3-2) 4
MATH 261	Linear Algebra I	(4-0) 4	MATH 254	Differential Equations	(4-0) 4
CENG 230	Introduction to C Programming	(2-2) 3	MATH 262	Linear Algebra 2	(4-0) 4
ENG 211	Academic Oral Presentation	(3-0) 3	HIST 2202	Principles of Kemal Atatürk II	NC
HIST 2201	Principles of Kemal Atatürk I	NC	SSME 210	Theories & Appr. in Teac. and Lear. of Sci./Math.	(3-0) 3
EDS 200	Introduction to Education	(3-0)3	Elective I*		(3-0) 3

THIRD YEAR

Fifth Semester			Sixth Semester		
SSME 301	Curriculum Development & Instruction in Sci./Math. Ed.	(3-0) 3	MATH 201	Elementary Geometry	(3-0) 3
ENG 311	Advanced Communication Skills	(3-0) 3	TURK 306	Written Expression	(2-0) 2
TURK 305	Oral Communication	(2-0) 2	SSME 302	Measurement and Evaluation in Sci./Math. Ed.	(3-0) 3
Restricted Elective I**		(3-0) 3	SSME 310	Methods of Science/Mathematics Teaching I	(2-2) 3
Restricted Elective II		(3-0) 3	Restricted Elective III		(3-0) 3
Departmental Elective I***		(3-0) 3			

FOURTH YEAR

Seventh Semester			Seventh Semester		
SSME 411	Methods of Science/Mathematics Teaching II	(2-2) 3	SSME 446	Practice Teaching in Science / Mathematics Education	(2-6) 5
SSME 417	Instructional Technology and Material Development	(2-2) 3	EDS 424	Guidance	(3-0) 3
SSME 433	School Experience in Science / Mathematics Education	(1-4) 3	Restricted Elective V		(3-0) 3
EDS 304	Classroom Management	(3-0) 3	Departmental Elective II		(3-0) 3
Restricted Elective IV		(3-0) 3	Elective II		(3-0) 3