

SSME - MATHEMATICS EDUCATION

1st Year

First Semester			Second Semester		
MATH111	Fundamentals of Mathematics	(3-0) 3	MATH112	Introductory Discrete Mathematics	(3-0) 3
MATH115	Analytic Geometry	(3-0) 3	MATH116	Basic Algebraic Structures	(3-0) 3
MATH153	Calculus for Mathematics Students I	(4-2) 5	MATH154	Calculus for Mathematics students II	(4-2) 5
ENG101	English for Academic Purposes I	(4-0) 4	ENG102	English for Academic Purposes II	(4-0) 4
PHYS111	Physics I (Mechanics)	(4-2) 5	PHYS112	Physics II (Electricity and Magnetism)	(4-2) 5
			IS100	Introduction to Information Technology and Applications	NC

2nd Year

Third Semester			Fourth Semester		
EDS200	Introduction to Education	(3-0) 3	SSME 210	Theories and Approaches in Teaching and Learning of Science/Mathematics	(3-0) 3
MATH251	Advanced Calculus I	(4-0) 4	MATH252	Advanced Calculus II	(3-2) 4
MATH261	Linear Algebra I	(4-0) 4	MATH262	Linear Algebra 2	(4-0) 4
ENG211	Academic Oral Presentation	(3-0) 3	MATH254	Differential Equations	(4-0) 4
HIST2201	Principles of Kemal Atatürk I	NC	HIST2202	Principles of Kemal Atatürk II	NC
CENG230	Introduction to C Programming	(2-2) 3	Elective I*		(3-0) 3

3rd Year

Fifth Semester			Sixth Semester		
SSME301	Curriculum Development & Instruction in Science/Mathematics Education	(3-0) 3	SSME302	Measurement and Evaluation in Science/Mathematics Education	(3-0) 3
ENG311	Advanced Communication Skills	(3-0) 3	SSME310	Methods of Science/Mathematics Teaching I	(2-2) 3
TURK305	Oral Communication	(2-0) 2	MATH201	Elementary Geometry	(3-0) 3
Restricted Elective I**		(3-0) 3	TURK306	Written Expression	(2-0) 2
Restricted Elective II		(3-0) 3	Restricted Elective III		(3-0) 3
Departmental Elective I***		(3-0) 3			

4th Year

Seventh Semester			Eighth Semester		
SSME411	Methods of Science/Mathematics Teaching II	(2-2) 3	SSME446	Practice Teaching in Science / Mathematics Education	(2-6) 5
SSME417	Instructional Technology and Material Development	(2-2) 3	EDS424	Guidance	(3-0) 3
SSME433	School Experience in Science / Mathematics Education	(1-4) 3	Restricted Elective V		(3-0) 3
EDS304	Classroom Management	(3-0) 3	Departmental Elective II		(3-0) 3
Restricted Elective IV		(3-0) 3	Elective II		(3-0) 3

* Elective: Courses offered by any department.

** Restricted Elective: 3xxx and 4xxx levels mathematics courses except Math 223, Math 321, Math 387, Math 388, Math 395, Math 396, Math470, Math 486, Math373

*** Departmental Elective: Courses offered by Department of Secondary Science and Mathematics Education.