

İLKÖĞRETİM MATEMATİK ÖĞRETMENLİĞİ LİSANS PROGRAMI (EME)

FIRST YEAR

First Semester			
MATH111	Fundamentals of Mathematics	(3-0) 3	4.5
MATH 123	Introduction to Number Theory	(3-0) 3	4.5
MATH117	Calculus I	(4-2) 5	7.5
CEIT100	Computer Applications in Education	(2-2) 3	4
ENG101	English for Academic Purposes I	(4-1) 4	6
EDS200	Introduction to Education	(3-0) 3	5

Second Semester			
MATH112	Discrete Mathematics	(3-0) 3	4.5
MATH124	Introduction to Linear Algebra and Analytic Geometry	(3-0) 3	4.5
MATH118	Calculus II	(4-2) 5	7.5
BA100	Career Planning	(1-0) 0	2
ENG102	English for Academic Purposes II	(4-1) 4	6
	Restricted Elective I (CEIT101)		

SECOND YEAR

Third Semester			
PHYS181	Basic Physics I	(4-2) 5	5
MATH219	Introduction to Differential Equations	(4-0) 4	7
STAT201	Introduction to Probability and Statistics I	(3-0) 3	6
EDS220	Educational Psychology	(3-0) 3	5
MSE221	Instructional Principles and Methods	(2-2) 3	6
HIST2201	Principles of Kemal Atatürk I	(2-0) 0	2

Fourth Semester			
PHYS182	Basic Physics II	(4-2) 5	5
MATH201	Elementary Geometry	(3-0) 3	4.5
STAT202	Introduction to Probability and Statistics II	(3-0) 3	6
MSE241	Introduction to Mathematics Education	(3-0) 3	5
ENG211	Academic Oral Presentation Skills	(3-1) 3	4
HIST2202	Principles of Kemal Atatürk II	(2-0) 0	2

THIRD YEAR

Fifth Semester			
MATH116	Basic Algebraic Structures	(3-0) 3	4.5
	Restricted Elective II (MSE288)		
MSE305	Assessment of Learning in Science and Mathematics	(3-0) 3	6
MSE341	Methods of Teaching Math. in Middle Schools I	(2-2) 3	7
TURK305	Oral Communication	(2-0) 2	3
	Elective I	(?-?) 3	6

Sixth Semester			
EDS304	Classroom Management	(3-0) 3	5
	Restricted Elective III (MSE329)		
MSE342	Methods of Teaching Mathematics in Middle Schools II	(2-2) 3	7
TURK306	Written Expression	(2-0) 2	3
	Restricted Elective IV	(?-?) 3	6
	Elective II	(?-?) 3	6

FOURTH YEAR

Seventh Semester			
MATH303	History of Mathematical Concepts I	(3-0) 3	6
MSE409	Practice Teaching I	(2-6) 5	10
	Restricted Elective V (MSE431)		
MSE441	Methods of Teaching Mathematics in Middle Schools III	(2-2) 3	7
ENG311	Advanced Communication Skills	(3-1) 3	4
	Restricted Elective VI	(?-?) 3	6

Eighth Semester			
EDS416	Turkish Educational System and School Management	(3-0) 3	5
EDS424	Guidance	(3-0) 3	5
MSE410	Practice Teaching II	(2-6) 5	10
	Elective III	(?-?) 3	6
	Elective IV	(?-?) 3	6

Restricted Electives if indicated: CEIT 101, MSE 288, MSE 329, MSE431

Restricted Electives if not indicated: Courses with MSE or MATH codes

All electives must be at least 3 METU credits.