

B.S. IN ELEMENTARY MATHEMATICS EDUCATION

FIRST YEAR

First Semester				Second Semester			
MATH	111	Fundamentals of Mathematics	(3-0)3	MATH	112	Discrete Mathematics	(3-0)3
MATH	117	Calculus I	(4-2)5	MATH	118	Calculus II	(4-2)5
MATH	115	Analytic Geometry	(3-0)3	MATH	116	Basic Algebraic Structures	(3-0)3
ENG	101	English for Academic Purposes I	(4-0)4	ENG	102	English for Academic Purposes II	(4-0)4
EDS	200	Introduction to Education	(3-0)3	CEIT	100	Computer Applications in Education	(2-2)3

SECOND YEAR

Third Semester				Fourth Semester			
PHYS	181	Basic Physics I	(4-2)5	MATH	201	Elementary Geometry	(3-0)3
STAT	201	Introduction to Probability and Statistics I	(3-0)3	PHYS	182	Basic Physics II	(4-2)5
MATH	219	Introduction to Differential Equations	(4-0)4	STAT	202	Introduction to Probability and Statistics II	(3-0)3
ELE	221	Instructional Principles and Methods	(3-0)3	ELE	225	Measurement and Assessment	(3-0)3
EDS	220	Educational Psychology	(3-0)3	ENG	211	Academic Oral Presentation Skills	(3-0)3
HIST	2201	Principles of Kemal Atatürk I	NC	HIST	2202	Principles of Kemal Atatürk II	NC

THIRD YEAR

Fifth Semester				Sixth Semester			
MATH	260	Linear Algebra	(3-0)3	ELE	310	Community Service	(1-2)2
ELE	341	Methods of Teaching Mathematics I	(2-2)3	ELE	329	Instructional Technology and Material Development	(2-2)3
TURK	305	Oral Communication	(2-0)2	ELE	342	Methods of Teaching Mathematics II	(2-2)3
Elective I			(3-0)3	EDS	304	Classroom Management	(3-0)3
Elective II			(3-0)3	TURK	306	Written Communication	(2-0)2
				Elective III			(3-0)3

FOURTH YEAR

Seventh Semester				Eighth Semester			
ELE	301	Research Methods	(3-0)3	ELE	420	Practice Teaching in Elementary Education	(2-6)5
ELE	419	School Experience	(1-4)3	EDS	416	Turkish Educational System and School Management	(3-0)3
ELE	465	Nature of Mathematical Knowledge for Teaching	(3-0)3	EDS	424	Guidance	(3-0)3
Elective IV			(3-0)3	Elective VI			(3-0)3
Elective V			(3-0)3				