

B.S. IN ELEMENTARY SCIENCE EDUCATION

FIRST YEAR

First Semester				Second Semester			
PHYS	181	Basic Physics I	(4-2)5	PHYS	182	Basic Physics II	(4-2)5
CHEM	101	General Chemistry I	(4-2)5	CHEM	102	General Chemistry II	(4-2)5
MATH	117	Calculus I	(4-2)5	MATH	118	Calculus II	(4-2)5
EDS	200	Introduction to Education	(3-0)3	ENG	102	English for Academic Purposes II	(4-0)4
ENG	101	English for Academic Purposes I	(4-0)4	CEIT	100	Computer Applications in Education	(2-2)3

SECOND YEAR

Third Semester				Fourth Semester			
BIO	101	General Biology	(4-4)6	BIO	102	General Biology II	(4-4)6
CHEM	281	Fundamentals of Analytical and Inorganic Chemistry	(3-0)3	CHEM	282	Fundamentals of Organic Chemistry	(3-0)3
PHYS	283	Optics and Modern Physics	(3-0)3	ASTR	201	Astronomy I	(3-0)3
ELE	240	Probability and Statistics	(2-2)3	ELE	225	Measurement and Assessment	(3-0)3
EDS	220	Educational Psychology	(3-0)3	ELE	221	Instructional Principles and Methods	(3-0)3
ENG	211	Academic Oral Presentation Skills	(3-0)3	HIST	2202	Principles of Kemal Atatürk II	NC
HIST	2201	Principles of Kemal Atatürk I	NC				

THIRD YEAR

Fifth Semester				Sixth Semester			
BIO	252	Physiology	(3-0)3	Elective I (3-0)3			
ELE	329	Instructional Technology and Material Development	(2-2)3	ELE	310	Community Service	(1-2)2
ELE	331	Laboratory Applications in Science	(2-2)3	EDS	304	Classroom Management	(3-0)3
ELE	343	Methods of Teaching Science I	(2-2)3	GEO	231	Elements of Geology	(3-0)3
TURK	305	Oral Communication	(2-0)2	TURK	306	Written Communication	(2-0)2
Elective I			(3-0)3	ELE	344	Methods of Teaching Science II	(2-2)3
				BIO	317	Molecular Biology	(3-0)3

FOURTH YEAR

Seventh Semester				Eighth Semester			
ELE	419	School Experience	(1-4)3	BIO	433	Introduction to Evolution	(3-0)3
ELE	440	Science Technology and Society	(3-0)3	EDS	424	Guidance	(3-0)3
ELE	411	Environmental Sciences	(3-0)3	ELE	420	Practice Teaching in Elementary Education	(2-6)5
Elective II			(3-0)3	EDS	416	Turkish Educational System and School Management	(3-0)3
Elective III			(3-0)3				
Elective IV			(3-0)3				