

**UNDERGRADUATE CURRICULUM**  
**B.A. PROGRAM IN ELEMENTARY SCIENCE EDUCATION**

**FIRST YEAR**

First Semester			Second Semester		
4540115	Introduction to Education	(2-0)2	4540125	Educational Psychology	(2-0)2
4540255	Educational Philosophy	(2-0)2	4540240	Educational Sociology	(2-0)2
2402201	Principles of Kemal Atatürk I	NC	2402202	Principles of Kemal Atatürk II	NC
6390101	English for Academic Purposes I	(4-0)4	6390102	English for Academic Purposes II	(4-0)4
4300105	Information Technology in Education	(3-0)3	2300182	Basic Physics II	(4-2)5
2300181	Basic Physics I	(4-2)5	2340112	General Chemistry II	(3-2)4
2340111	General Chemistry I	(3-2)4	2380140	Biology I	(2-2)3
2360117	Calculus I	(4-2)5	2360118	Calculus II	(4-2)5

**UNDERGRADUATE CURRICULUM**  
**B.A. PROGRAM IN ELEMENTARY MATHEMATICS EDUCATION**

**FIRST YEAR**

First Semester			Second Semester		
4540115	Introduction to Education	(2-0)2	4540125	Educational Psychology	(2-0)2
4540240	Educational Sociology	(2-0)2	4540255	Educational Philosophy	(2-0)2
2402201	Principles of Kemal Atatürk I	NC	2402202	Principles of Kemal Atatürk II	NC
6390101	English for Academic Purposes I	(4-0)4	6390102	English for Academic Purposes II	(4-0)4
4300105	Information Technology in Education	(3-0)3	2360118	Calculus II	(4-2)5
2360117	Calculus I	(4-2)5	2360116	Basic Algebraic Structures	(3-0)3
2360115	Analytic Geometry	(3-0)3		Restricted Elective	(3-0)3
2360111	Fundamentals of Mathematics	(3-0)3			

**Restricted Elective:** Alan Eğitimi Seçmeli 1: 2360112 Discrete Mathematics (3-0)3, ECTS: 4,5