ELEMENTARY MATHEMATICS EDUCATION UNDERGRADUATE PROGRAM

FIRST YEAR											
I. SEMESTER					II. SEMESTER						
code	Course title	Т	u	K	ECTS	code Course title		Т	u	K	ECTS
EGT01	Introduction to Education	2	0	2	3	EGT02	Educational psychology	2	0	2	3
EGT03	Sociology of Education	2	0	2	3	EGT04			0	2	3
AİT109	Ataturk's Principles and History of Revolution 1	2	0	2	3	AiT110 Ataturk's Principles and History of Revolution 2		2	0	2	3
YDİ107	Foreign Language 1	2	0	2	3	YDİ108	Foreign Language 2	2	0	2	3
GK1	Turkish Language 1	3	0	3	5	GK3 Turkish Language 2		3	0	3	5
GK2	information technologies	3	0	3	5	MTÖ120	Fundamentals of Mathematics 2	2	0	2	4
MTÖ110	Fundamentals of Mathematics 1	2	0	2	2	MTÖ121 Analysis 2		2	0	2	4
MTÖ111	Analysis 1	2	0	2	3	MTÖ122	Abstract Mathematics	2	0	2	5
MTÖ112	History of Mathematics	2	0	2	3						
TOTAL HO	JRS	20	0	20	30	TOTAL HO	TOTAL HOURS			17	30
SECOND YEAR											
III. SEMEST	ER					IV. SEMES	TER				
code	Course title	T	u	K	ECTS	code	Course title	T	u	K	ECTS
EGT05	Instructional Technologies	2	0	2	3	EGT06	Turkish Education History	2	0	2	3
EGT07	Teaching Principles and Methods	2	0	2	3	EGT08	Research Methods in Education	2	0	2	3
EGTS	Elective 1	2	0	2	4	EGTS	Elective 2	2	0	2	4
GKS	Elective 1	2	0	2	3	GKS	Elective 2	2	0	2	3
MTÖS	Elective 1	2	0	2	4	GK4	Community Service Practices	what's that	2	2	3
MTÖ230	Mathematics Learning and Teaching Approaches	2	0	2	3	MTÖS	Elective 2	2	0	2	4
MTÖ231	Linear Algebra 1	2	0	2	3	MTÖ240	Secondary School Mathematics Curriculum	2	0	2	3
MTÖ232	Analytical geometry	2	0	2	4	MTÖ241	Linear Algebra 2	2	0	2	2
MTÖ233	Analysis 3	2	0	2	3	MTÖ242	Algorithm and Programming	2	0	2	2
						MTÖ243	possibility	2	0	2	3
TOTAL HO	TOTAL HOURS 18 0 18 30 TOTAL HOURS 19 2 20						30				
THIRD YEA	R										
V. SEMESTER				VI. SEMESTER							
code	Course title	Т	u	К	ECTS	code	Course title	T	u	K	ECTS
EGT11	Classroom Management	2	0	2	3	EGT10	Measurement and Evaluation in Education		0	2	3
EGT12	Morality and Ethics in Education	2	0	2	3	EGT09	Turkish Education System and School Management	2	0	2	3
EGTS	Elective 3	2	0	2	4	EGTS	EGTS Elective 4		0	2	4
GKS	Elective 3	2	0	2	3	GKS	Elective 4	2	0	2	3
MTÖS	Elective 3	2	0	2	4	MTÖS	Elective 4	2	0	2	4
MTÖ350	Teaching Numbers	3	0	3	5	MTÖ360	Algebra Teaching		0	3	5
MTÖ351	Teaching Geometry and Measurement	3	0	3	4	MTÖ361	Teaching Probability and Statistics		0	3	4
MTÖ352	Statistics	2	0	2	2	MTÖ362 Association in Mathematics Teaching		3	0	3	4
MTÖ353	algebra	2	0	2	2						
TOTAL HO	TOTAL HOURS 20 0 20 30 TOTAL HOURS 19 0 19 30									30	
FOURTH YEAR											
VII. SEMESTER				VIII. SEMESTER							
code	Course title	T	u	К	ECTS	code	Course title	Т	u	K	ECTS
EGT15	Teaching Practice 1	2	6	5	10	EGT16	Teaching Practice 2	2	6	5	12
EGT14	Special Education and Inclusion	2	0	2	3	EGT13	Guidance in Schools	2	0	2	3
EGTS	Elective 5	2	0	2	4	EGTS	Elective 6	2	0	2	4
MTÖS	Elective 5	2	0	2	4	MTÖS	Elective 6	2	0	2	4
MTÖ470	Problem Solving in Mathematics	2	0	2	3	MTÖ480	Philosophy of Mathematics	2	0	2	3
MTÖ471	Misconceptions in Mathematics Teaching	2	0	2	3	MTÖ481 Modeling in Mathematics 2 0 2		2	4		
MTÖ472 TOTAL HO I	Logical Reasoning JRS	2 14	0 6	2 17	3 30			6	15	30	
IOTAL HOURS 14						12 b 1					

FIELD EDUCATION ELECTIVE COURSES

code	Course title	Т	u	K	ECTS
MTÖS01	Computer Aided Mathematics Teaching	2	0	2	4
MTÖS02	Culture and Mathematics	2	0	2	4
MTÖS03	Primary School Mathematics Teaching	2	0	2	4
MTÖS04	Mathematics Textbook Review	2	0	2	4
MTÖS05	Inclusion Practices in Mathematics Education	2	0	2	4
MTÖS06	Self-regulation in Mathematics Education	2	0	2	4
MTÖS07	Developing Activity in Mathematics Teaching	2	0	2	4
MTÖS08	Material Design in Mathematics Teaching	2	0	2	4
мтös09	Out-of-School Learning Environments in Mathematics Teaching	2	0	2	4
MTÖS10	Communication in Mathematics Classrooms	2	0	2	4
MTÖS11	Teaching Mathematics to Gifted Students	2	0	2	4
MTÖS12	Teaching Mathematics with Games	2	0	2	4
MTÖS13	Evaluation of In-Class Learning	2	0	2	4

VOCATIONAL INFORMATION MANDATORY AND ELECTIVE COURSE LIST AND CODES

		Teaching Profession Courses (Compulsory)							
I. Grade I Lessons	T	U	K	ECTS					
Introduction to Education	2	0	2	3					
educational psychology	2	0	2	3					
Sociology of Education	2	0	2	3					
Philosophy of Education	2	0	2	3					
Grade II Lessons				ECTS					
Instructional Technologies	2	0	2	3					
Turkish Education History	2	0	2	3					
Teaching Principles and Methods	2	0	2	3					
Research Methods in Education	2	0	2	3					
Grade III Lessons			К	ECTS					
Turkish Education System and School Management	2	0	2	3					
Measurement and Evaluation in Education	2	0	2	3					
Classroom Management	2	0	2	3					
Morality and Ethics in Education	2	0	2	3					
Grade IV Lessons	Т	u	К	ECTS					
Guidance in Schools	2	0	2	3					
Special Education and Inclusion	2	0	2	3					
Teaching Practice-1	2	6	5	10					
Teaching Practice-2	2	6	5	10					
	educational psychology Sociology of Education Philosophy of Education Grade II Lessons Instructional Technologies Turkish Education History Teaching Principles and Methods Research Methods in Education Grade III Lessons Turkish Education System and School Management Measurement and Evaluation in Education Classroom Management Morality and Ethics in Education Grade IV Lessons Guidance in Schools Special Education and Inclusion Teaching Practice-1	educational psychology Sociology of Education Philosophy of Education Grade II Lessons TI Instructional Technologies Turkish Education History Teaching Principles and Methods Research Methods in Education Grade III Lessons T Turkish Education System and School Management Measurement and Evaluation in Education Classroom Management Morality and Ethics in Education Grade IV Lessons T Guidance in Schools Special Education and Inclusion 2 Teaching Practice-1	educational psychology 2 0 Sociology of Education 2 0 Philosophy of Education 2 0 Grade II Lessons T u Instructional Technologies 2 0 Turkish Education History 2 0 Teaching Principles and 2 0 Methods Research Methods in 2 0 Education T u Turkish Education System and School Management 2 0 Measurement and Evaluation 2 0 in Education Classroom Management 2 0 Morality and Ethics in 2 0 Education T u Grade IV Lessons T u Guidance in Schools 2 0 Special Education and Inclusion 2 0 Teaching Practice-1 2 6	educational psychology 2 0 2 Sociology of Education 2 0 2 Philosophy of Education 2 0 2 Grade II Lessons T u K Instructional Technologies 2 0 2 Turkish Education History 2 0 2 Teaching Principles and 2 0 2 Methods Research Methods in 2 0 2 Education T u K Turkish Education System and 2 0 2 School Management 2 0 2 Measurement and Evaluation 2 0 2 In Education Classroom Management 2 0 2 Morality and Ethics in 2 0 2 Education T u K Guidance in Schools 2 0 2 Special Education and Inclusion 2 0 2 Teaching Practice-1 2 6 5					

Teaching Profession Courses (Elective)							
		Т	U	К	ECTS		
EGTS01	Open and Distance Learning	2	0	2	4		
EGTS02	child psychology	2	0	2	4		
EGTS03	Attention Deficit Hyperactivity Disorder	2	0	2	4		
EGTS04	Education Law	2	0	2	4		
EGTS05	Anthropology of Education	2	0	2	4		
EGTS06	History of Education	2	0	2	4		
EGTS07	Drama in Education	2	0	2	4		
EGTS08	Extracurricular Activities in Education	2	0	2	4		
EGTS09	Program Development in Education	2	0	2	4		
EGTS10	Project Preparation in Education	2	0	2	4		
EGTS11	Critical and Analytical Thinking	2	0	2	4		
EGTS12	Education of Hospitalized Children	2	0	2	4		
EGTS13	Inclusive Education	2	0	2	4		
EGTS14	Character and Value Education	2	0	2	4		
EGTS15	Comparative Education	2	0	2	4		
EGTS16	micro teaching	2	0	2	4		
EGTS17	museum education	2	0	2	4		
EGTS18	Out-of-School Learning Environments	2	0	2	4		
EGTS19	Learning Disability	2	0	2	4		
EGTS20	Individualizing and Adapting Instruction	2	0	2	4		
EGTS21	Sustainable Development and Education	2	0	2	4		
EGT22	Adult Education and Lifelong Learning	2	0	2	4		