

ELEMENTARY MATHEMATICS EDUCATION UNDERGRADUATE PROGRAM

FIRST YEAR											
I. SEMESTER						II. SEMESTER					
code	Course title	T	u	K	ECTS	code	Course title	T	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	Philosophy of Education	2	0	2	3
AİT109	Ataturk's Principles and History of Revolution 1	2	0	2	3	AİT110	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 HOURS		20	0	20	30	TOTAL HOURS		17	0	17	30
SECOND YEAR											
III. SEMESTER						IV. SEMESTER					
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 HOURS		18	0	18	30	TOTAL HOURS		19	2	20	30
THIRD YEAR											
V. SEMESTER						VI. SEMESTER					
code	Course title	T	u	K	ECTS	code	Course title	T	u	K	ECTS
EGT11	Classroom Management	2	0	2	3	EGT10	Measurement and Evaluation in Education	2	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	Elective 4	2	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	3	0	3	5
MTÖ351	Teaching Geometry and Measurement	3	0	3	4	MTÖ361	Teaching Probability and Statistics	3	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 HOURS		20	0	20	30	TOTAL HOURS		19	0	19	30
FOURTH YEAR											
VII. SEMESTER						VIII. SEMESTER					
code	Course title	T	u	K	ECTS	code	Course title	T	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 Teaching	2	0	2	4
MTÖ472	Logical Reasoning	2	0	2	3						
TOTAL HOURS		14	6	17	30	TOTAL HOURS		12	6	15	30

FIELD EDUCATION ELECTIVE COURSES

code	Course title	T	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
MTÖS09	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
EGT01	Introduction to Education	2	0	2	3
EGT02	educational psychology	2	0	2	3
EGT03	Sociology of Education	2	0	2	3
EGT04	Philosophy of Education	2	0	2	3
Grade II Lessons		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
Grade III Lessons		T	u	K	ECTS
EGT09	Turkish Education System and School Management	2	0	2	3
EGT10	Measurement and Evaluation in Education	2	0	2	3
EGT11	Classroom Management	2	0	2	3
EGT12	Morality and Ethics in Education	2	0	2	3
Grade IV Lessons		T	u	K	ECTS
EGT13	Guidance in Schools	2	0	2	3
EGT14	Special Education and Inclusion	2	0	2	3
EGT15	Teaching Practice-1	2	6	5	10
EGT16	Teaching Practice-2	2	6	5	10

Teaching Profession Courses (Elective)					
		T	U	K	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