

T.C. YOZGAT BOZOK UNIVERSITY EDUCATIONAL FACULTY
ELEMENTARY MATHEMATICS EDUCATION UNDERGRADUATE PROGRAM

1 th SEMESTER					
CODE	COURSE NAME	T	P	C	ECTS
MB 001 Z	Introduction to Education	2	0	2	3
MB 002 Z	Educational Sociology	2	0	2	3
GK 101 Z	Atatürk's Prin. & A His. Rev. 1	2	0	2	3
GK 103 Z	Foreign Language 1	2	0	2	3
GK 105 Z	Turkish Language 1	3	0	3	5
GK 107 Z	Information Technologies	3	0	3	5
IME 101 AZ	Foundations of Mathematics 1	2	0	2	2
IME 103 AZ	Calculus 1	2	0	2	3
IME 105 AZ	History of Mathematics	2	0	2	3
Total		20	0	20	30

2 th SEMESTER					
KODU	DERSİN ADI	T	U	K	AKTS
MB 013 Z	Educational Psychology	2	0	2	3
MB 003 Z	Educational Philosophy	2	0	2	3
GK 102 Z	Atatürk's Prin. & A His. Rev. 2	2	0	2	3
GK 104 Z	Foreign Language 2	2	0	2	3
GK 106 Z	Turkish Language 2	3	0	3	5
IME 102 AZ	Foundations of Mathematics 2	2	0	2	4
IME 104 AZ	Calculus 2	2	0	2	4
IME 106 AZ	Discrete Mathematics	2	0	2	5
Total		17	0	17	30

3 th SEMESTER					
CODE	COURSE NAME	T	P	C	ECTS
MB 006 Z	Instructional Technology	2	0	2	3
MB 005 Z	Instructional Principles and Methods	2	0	2	3
MBS-I	Elective 1	2	0	2	4
GKS-I	Elective 1	2	0	2	3
IMEAS-I	Elective 1	2	0	2	4
IME 201 AZ	Approaches to Mathematical Teaching and Learning	2	0	2	3
IME 203 AZ	Linear Algebra 1	2	0	2	3
IME 205 AZ	Analytic Geometry	2	0	2	4
IME 207 AZ	Calculus 3	2	0	2	3
Total		18	0	18	30

4 th SEMESTER					
CODE	COURSE NAME	T	P	C	ECTS
MB 004 Z	Turkish Education History	2	0	2	3
MB 007 Z	Educational Research Methods	2	0	2	3
MBS-II	Elective 2	2	0	2	4
GKS-II	Elective 2	2	0	2	3
IMEAS-II	Elective 2	2	0	2	4
GK 202 Z	Community Service Practices	1	2	2	3
IME 202 AZ	Middle School Mathematics Teaching Programs	2	0	2	3
IME 204 AZ	Linear Algebra 2	2	0	2	2
IME 206 AZ	Algoritma ve Programlama	2	0	2	2
IME 208 AZ	Probability	2	0	2	3
Total		19	2	20	30

5 th SEMESTER					
CODE	COURSE NAME	T	P	C	ECTS
MB 011 Z	Classroom Management	2	0	2	3
MB 010 Z	Educational Ethics	2	0	2	3
MBS-III	Elective 3	2	0	2	4
GKS-III	Elective 3	2	0	2	3
IMEAS-III	Elective 3	2	0	2	4
IME 301 AZ	Number Teaching	3	0	3	5
IME 303 Az	Geometry and Measurement Teaching	3	0	3	4
IME 305 AZ	Statistics	2	0	2	2
IME 307 AZ	Algebra	2	0	2	2
Total		20	0	20	30

6 th SEMESTER					
CODE	COURSE NAME	T	P	C	ECTS
MB 009 Z	Measurement and Evaluation	2	0	2	3
MB 008 Z	Turkish Education System and School Admins.	2	0	2	3
MBS-IV	Elective 4	2	0	2	4
GKS-IV	Elective 4	2	0	2	3
IMEAS-IV	Elective 4	2	0	2	4
IME 302 AZ	Algebra Teaching	3	0	3	5
IME 304 AZ	Statistic and Probability Teaching	3	0	3	4
IME 306 AZ	Mathematical Association	3	0	3	4
Total		19	0	19	30

7 th SEMESTER					
KODU	DERSİN ADI	T	U	K	AKTS
MB 401 Z	Teaching Practice 1	2	6	5	10
MB 012 Z	Special Education and Inclusion	2	0	2	3
MBS-V	Elective 5	2	0	2	4
IMEAS-V	Elective 5	2	0	2	4
IME 401 AZ	Mathematical Problem Solving	2	0	2	3
IME 403 AZ	Missconception at Mathematical Teaching	2	0	2	3
IME 405 AZ	Logical Reasoning	2	0	2	3
Total		14	6	17	30

8 th SEMESTER					
CODE	COURSE NAME	T	P	C	ECTS
MB 402 Z	Teaching Practice 2	2	6	5	12
MB 014 Z	Guidance in School	2	0	2	3
MBS-VI	Elective 6	2	0	2	4
IMEAS-VI	Elective 6	2	0	2	4
IME 402 AZ	Mathematical Philosophy	2	0	2	3
IME 404 AZ	Mathematical Modeling	2	0	2	4
Total		12	6	15	30

FINAL TOTAL	T	P	C	ECTS	HOUR	PERCENTAGE
Vocational Knowledge	44	12	50	88	56	34
General Knowledge	26	2	27	42	28	18
Field Knowledge	69	0	69	110	69	48
Total	139	14	146	240	153	100

- MB ... Z:** Educational Faculty Vocational Knowledge Courses
GK ... Z: Educational Faculty General Knowledge Courses
IME ...: Educational Faculty Elementary Mathematical Education Field Knowledge Courses
MB ... S: Educational Faculty Elementary Mathematical Education Vocational Knowledge Elective Courses
GK ... S: Educational Faculty Elementary Mathematical Education General Knowledge Elective Courses
IME ... AS: Educational Faculty Elementary Mathematical Education Field Knowledge Elective Courses
IME...AZ Educational Faculty Elementary Mathematical Education Field Knowledge Compulsory Courses

ELECTIVE COURSES

CODES	VOCATIONAL KNOWLEDGE -I, II, III, IV, V, VI ELECTIVE COURSES
MB 001 S	Open and Distance Learning
MB 002 S	Child Psychology
MB 003 S	Attention-Deficit Hyperactivity Disorder
MB 004 S	Educational Law
MB 005 S	Educational Antropology
MB 006 S	Education History
MB 007 S	Drama in Education
MB 008 S	Extracurricular Activities
MB 009 S	Curriculum Development in Education
MB 010 S	Project Preparation in Education
MB 011 S	Critical and Analytical Thinking
MB 012 S	Education of Children in Hospital
MB 013 S	Comprehensive Education
MB 014 S	Character and Value Education
MB 015 S	Comparative Education
MB 016 S	Mmicroteaching
MB 017 S	Museum Education
MB 018 S	Out of School Learning Environments
MB 019 S	Learning Disability
MB 020 S	Individualization and Adaptation of Teaching
MB 021 S	Sustainable Development and Education
MB 022 S	Adult Education and Lifelong Learning

CODES	FIELD KNOWLEDGE -I, II, III, IV, V, VI ELECTIVE COURSES
IME 001 AS	Computer Assisted Mathematics Teaching
IME 002 AS	Culture and Mathematics
IME 003 AS	Elementary Mathematics Teaching
IME 004 AS	Mathematics Course Book Review
IME 005 AS	Inclusion Applications in Mathematics Education
IME 006 AS	Self-regulation in Mathematics Education
IME 007 AS	Developing Activity in Mathematics Teaching
IME 008 AS	Material Design in Mathematics Teaching
IME 009 AS	Out of School Learning Environments in Mathematics Teaching
IME 010 AS	Communication in Mathematics Classes
IME 011 AS	Teaching Mathematics to Gifted Students
IME 012 AS	Mathematics Teaching with Game
IME 013 AS	Evaluation of Classroom Learning

CODES	GENERAL KNOWLEDGE -I, II, III, IV ELECTIVE COURSES
GK 001 S	Addiction and Fight Against Addiction
GK 002 S	Nutrition and Health
GK 003 S	History and Philosophy of Science
GK 004 S	Science and Research Ethics
GK 005 S	Economics and Entrepreneurship
GK 006 S	Traditional Turkish Handicrafts
GK 007 S	Human Rights and Democracy Education
GK 008 S	Human Relations and Communication
GK 009 S	Career Planning and Development
GK 010 S	Culture and Language
GK 011 S	Media Literacy
GK 012 S	Professional English
GK 013 S	Art and Aesthetics
GK 014 S	Turkish Folk Dances
GK 015 S	Turkish Sign Language
GK 016 S	Turkish Culture Geography
GK 017 S	Turkish Music
GK 018 S	Turkish Art History