



MUŞ ALPARSLAN ÜNİVERSİTESİ

Faculty of Education

Department of Mathematics and Science Education

İlköğretim Matematik Öğretmenliği

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AIT107	History of Atatürk's Principles and Revolutions I	2+0+0	Compulsory	3
ENF107	information technologies	3+0+0	Compulsory	5
MAZ101	Fundamentals of Mathematics I	2+0+0	Compulsory	2
MAZ103	Analysis I	2+0+0	Compulsory	3
MAZ105	Education Philosophy	2+0+0	Compulsory	3
MBZ101	Introduction to Education	2+0+0	Compulsory	3
MBZ103	Education Sociology	2+0+0	Compulsory	3
TEB107	Turkish Language I	3+0+0	Compulsory	5
YDI107	Foreign Language I	3+0+0	Compulsory	3
Total ECTS				30

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AIT108	History of Atatürk's Principles and Revolutions II	2+0+0	Compulsory	3
DOY102	Digital Literacy	2+0+0	Compulsory	3
MAZ102	Fundamentals of Mathematics II	2+0+0	Compulsory	4
MAZ104	Analysis II	2+0+0	Compulsory	4
MAZ106	Abstract Mathematics	2+0+0	Compulsory	5
MBZ105	Philosophy of Education	2+0+0	Compulsory	3
MBZ106	Education Psychology	2+0+0	Compulsory	3
TEB108	Turkish Language II	3+0+0	Compulsory	5
YDI108	Foreign Language II	2+0+0	Compulsory	3
KPD102	Career planning	2+0+0	Elective	2
Total ECTS				35

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
MAZ201	Mathematics Learning and Teacher Approaches	2+0+0	Compulsory	3
MAZ203	Linear Algebra I	2+0+0	Compulsory	3
MAZ205	Analytical geometry	2+0+0	Compulsory	4
MAZ207	Analysis III	2+0+0	Compulsory	3
MBZ201	Principles and Methods of Instruction	2+0+0	Compulsory	3
MBZ203	Instructional Technologies	2+0+0	Compulsory	3
TBA201	ELECTIVE: Technology Addiction	2+0+0	Elective	2
GKS I	General Culture Electives I	2+0+0	Elective	3
MAS I	Mathematics Field Electives I	2+0+0	Elective	4
MBSI	Professional Knowledge Electives I	2+0+0	Elective	4
Total ECTS				32

GKS901	Addiction and Fight Against Addiction	2+0+0	Elective	3
GKS902	Nutrition and Health	2+0+0	Elective	3
GKS903	History and Philosophy of Science	2+0+0	Elective	3
GKS904	Science and Research Ethics	2+0+0	Elective	3
GKS905	Economy and Entrepreneurship	2+0+0	Elective	3
GKS906	Traditional Turkish Handicrafts	2+0+0	Elective	3
GKS907	Human Rights and Democracy Education	2+0+0	Elective	3
GKS908	Human Relations and Communication	2+0+0	Elective	3
GKS909	CAREER PLANNING AND DEVELOPMENT	2+0+0	Elective	3
GKS910	Culture and Language	2+0+0	Elective	3
GKS911	Media Literacy	2+0+0	Elective	3
GKS912	Professional English	2+0+0	Elective	3
GKS913	Art and Aesthetics	2+0+0	Elective	3
GKS914	Turkish Folk Dances	2+0+0	Elective	3
GKS915	Turkish Sign Language	2+0+0	Elective	3
GKS916	Turkish Culture and Geography	2+0+0	Elective	3
GKS917	Turkish Music	2+0+0	Elective	3
GKS918	Turkish Art History	2+0+0	Elective	3
MAS901	Computer Assisted Mathematics Teaching	2+0+0	Elective	4
MAS902	Culture and Mathematics	2+0+0	Elective	4

MAS903	Mathematics Teaching in Primary Schools	2+0+0	Elective	4
MAS904	Mathematics Textbook Review	2+0+0	Elective	4
MAS905	Inclusion in Mathematics Education	2+0+0	Elective	4
MAS906	Self-regulation in Mathematics Education	2+0+0	Elective	4
MAS907	Developing Activities in Math Teaching	2+0+0	Elective	4
MAS908	Material Design in Mathematics Teaching	2+0+0	Elective	4
MAS909	Out of School Learning Environments in Math Teaching	2+0+0	Elective	4
MAS910	Communication in Mathematics Classes	2+0+0	Elective	4
MAS911	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
MAS912	Teaching Mathematics Through Play	2+0+0	Elective	4
MAS913	Evaluation of In- Class Learning	2+0+0	Elective	4
MBS901	Open and Distance Learning	2+0+0	Elective	4
MBS902	Education of Hospitalized Children	2+0+0	Elective	4
MBS903	Child Psychology	2+0+0	Elective	4
MBS904	Inclusive Education	2+0+0	Elective	4
MBS905	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
MBS907	Education Law	2+0+0	Elective	4
MBS908	Comparative Education	2+0+0	Elective	4
MBS909	Education Anthropology	2+0+0	Elective	4
MBS910	Micro Teaching	2+0+0	Elective	4
MBS911	Education History	2+0+0	Elective	4
MBS912	Museum Education	2+0+0	Elective	4
MBS913	Drama in Education	2+0+0	Elective	4
MBS914	Out of School Learning Environments	2+0+0	Elective	4
MBS915	Non-Program Activities in Education	2+0+0	Elective	4
MBS916	Learning Difficulty	2+0+0	Elective	4
MBS917	Program Development	2+0+0	Elective	4
MBS918	Individualizing and Adapting Teaching	2+0+0	Elective	4
MBS919	Project Preparation in Education	2+0+0	Elective	4
MBS920	Sustainable Development and Education	2+0+0	Elective	4
MBS921	Critical and Analytical Thinking	2+0+0	Elective	4
MBS922	Adult Education and Lifelong Learning	2+0+0	Elective	4

4.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
GKZ202	Community Service Applications	1+2+0	Compulsory	3
MAZ202	Secondary School Mathematics Curriculums	2+0+0	Compulsory	3
MAZ204	Linear Algebra II	2+0+0	Compulsory	2
MAZ206	Algorithm and Programming	2+0+0	Compulsory	2
MAZ208	Probability	2+0+0	Compulsory	3
MBZ204	Turkish Education History	2+0+0	Compulsory	3
MBZ206	Research Methods in Education	2+0+0	Compulsory	3
GKS 2	General Culture Electives 2	2+0+0	Elective	3
MAS 2	Mathematics Field Electives II	2+0+0	Elective	4
MBS 2	Professional Knowledge Electives II	2+0+0	Elective	4
			Total ECTS	30
GKS901	Addiction and Fight Against Addiction	2+0+0	Elective	3
GKS902	Nutrition and Health	2+0+0	Elective	3
GKS903	History and Philosophy of Science	2+0+0	Elective	3
GKS904	Science and Research Ethics	2+0+0	Elective	3
GKS905	Economy and Entrepreneurship	2+0+0	Elective	3
GKS906	Traditional Turkish Handicrafts	2+0+0	Elective	3
GKS907	Human Rights and Democracy Education	2+0+0	Elective	3
GKS908	Human Relations and Communication	2+0+0	Elective	3
GKS909	CAREER PLANNING AND DEVELOPMENT	2+0+0	Elective	3
GKS910	Culture and Language	2+0+0	Elective	3
GKS911	Media Literacy	2+0+0	Elective	3
GKS912	Professional English	2+0+0	Elective	3
GKS913	Art and Aesthetics	2+0+0	Elective	3
GKS914	Turkish Folk Dances	2+0+0	Elective	3
GKS915	Turkish Sign Language	2+0+0	Elective	3
GKS916	Turkish Culture and Geography	2+0+0	Elective	3
GKS917	Turkish Music	2+0+0	Elective	3
GKS918	Turkish Art History	2+0+0	Elective	3
MAS901	Computer Assisted Mathematics Teaching	2+0+0	Elective	4
MAS902	Culture and Mathematics	2+0+0	Elective	4
MAS903	Mathematics Teaching in Primary Schools	2+0+0	Elective	4
MAS904	Mathematics Textbook Review	2+0+0	Elective	4

MAS905	Inclusion in Mathematics Education	2+0+0	Elective	4
MAS906	Self-regulation in Mathematics Education	2+0+0	Elective	4
MAS907	Developing Activities in Math Teaching	2+0+0	Elective	4
MAS908	Material Design in Mathematics Teaching	2+0+0	Elective	4
MAS909	Out of School Learning Environments in Math Teaching	2+0+0	Elective	4
MAS910	Communication in Mathematics Classes	2+0+0	Elective	4
MAS911	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
MAS912	Teaching Mathematics Through Play	2+0+0	Elective	4
MAS913	Evaluation of In- Class Learning	2+0+0	Elective	4
MBS901	Open and Distance Learning	2+0+0	Elective	4
MBS902	Education of Hospitalized Children	2+0+0	Elective	4
MBS903	Child Psychology	2+0+0	Elective	4
MBS904	Inclusive Education	2+0+0	Elective	4
MBS905	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
MBS907	Education Law	2+0+0	Elective	4
MBS908	Comparative Education	2+0+0	Elective	4
MBS909	Education Anthropology	2+0+0	Elective	4
MBS910	Micro Teaching	2+0+0	Elective	4
MBS911	Education History	2+0+0	Elective	4
MBS912	Museum Education	2+0+0	Elective	4
MBS913	Drama in Education	2+0+0	Elective	4
MBS914	Out of School Learning Environments	2+0+0	Elective	4
MBS915	Non-Program Activities in Education	2+0+0	Elective	4
MBS916	Learning Difficulty	2+0+0	Elective	4
MBS917	Program Development	2+0+0	Elective	4
MBS918	Individualizing and Adapting Teaching	2+0+0	Elective	4
MBS919	Project Preparation in Education	2+0+0	Elective	4
MBS920	Sustainable Development and Education	2+0+0	Elective	4
MBS921	Critical and Analytical Thinking	2+0+0	Elective	4
MBS922	Adult Education and Lifelong Learning	2+0+0	Elective	4

5.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
MAZ301	Teaching Numbers	3+0+0	Compulsory	5
MAZ303	Geometry Evaluation and Teaching	3+0+0	Compulsory	4
MAZ305	Statistics	2+0+0	Compulsory	2
MAZ307	Algebra	2+0+0	Compulsory	3
MBZ301	Classroom Management	2+0+0	Compulsory	3
MBZ303	Moral and Ethics in Education	2+0+0	Compulsory	3
GKS3	General Culture Elective 3	2+0+0	Elective	3
MAS3	Mathematics Area Electives 3	2+0+0	Elective	4
MBS3	Professional Knowledge Electives 3	2+0+0	Elective	4
			Total ECTS	31
GKS901	Addiction and Fight Against Addiction	2+0+0	Elective	3
GKS902	Nutrition and Health	2+0+0	Elective	3
GKS903	History and Philosophy of Science	2+0+0	Elective	3
GKS904	Science and Research Ethics	2+0+0	Elective	3
GKS905	Economy and Entrepreneurship	2+0+0	Elective	3
GKS906	Traditional Turkish Handicrafts	2+0+0	Elective	3
GKS907	Human Rights and Democracy Education	2+0+0	Elective	3
GKS908	Human Relations and Communication	2+0+0	Elective	3
GKS909	CAREER PLANNING AND DEVELOPMENT	2+0+0	Elective	3
GKS910	Culture and Language	2+0+0	Elective	3
GKS911	Media Literacy	2+0+0	Elective	3
GKS912	Professional English	2+0+0	Elective	3
GKS913	Art and Aesthetics	2+0+0	Elective	3
GKS914	Turkish Folk Dances	2+0+0	Elective	3
GKS915	Turkish Sign Language	2+0+0	Elective	3
GKS916	Turkish Culture and Geography	2+0+0	Elective	3
GKS917	Turkish Music	2+0+0	Elective	3
GKS918	Turkish Art History	2+0+0	Elective	3
MAS901	Computer Assisted Mathematics Teaching	2+0+0	Elective	4
MAS902	Culture and Mathematics	2+0+0	Elective	4
MAS903	Mathematics Teaching in Primary Schools	2+0+0	Elective	4
MAS904	Mathematics Textbook Review	2+0+0	Elective	4
MAS905	Inclusion in Mathematics Education	2+0+0	Elective	4
MAS906	Self-regulation in Mathematics Education	2+0+0	Elective	4
MAS907	Developing Activities in Math Teaching	2+0+0	Elective	4

MAS908	Material Design in Mathematics Teaching	2+0+0	Elective	4
MAS909	Out of School Learning Environments in Math Teaching	2+0+0	Elective	4
MAS910	Communication in Mathematics Classes	2+0+0	Elective	4
MAS911	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
MAS912	Teaching Mathematics Through Play	2+0+0	Elective	4
MAS913	Evaluation of In-Class Learning	2+0+0	Elective	4
MBS901	Open and Distance Learning	2+0+0	Elective	4
MBS902	Education of Hospitalized Children	2+0+0	Elective	4
MBS903	Child Psychology	2+0+0	Elective	4
MBS904	Inclusive Education	2+0+0	Elective	4
MBS905	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
MBS907	Education Law	2+0+0	Elective	4
MBS908	Comparative Education	2+0+0	Elective	4
MBS909	Education Anthropology	2+0+0	Elective	4
MBS910	Micro Teaching	2+0+0	Elective	4
MBS911	Education History	2+0+0	Elective	4
MBS912	Museum Education	2+0+0	Elective	4
MBS913	Drama in Education	2+0+0	Elective	4
MBS914	Out of School Learning Environments	2+0+0	Elective	4
MBS915	Non-Program Activities in Education	2+0+0	Elective	4
MBS916	Learning Difficulty	2+0+0	Elective	4
MBS917	Program Development	2+0+0	Elective	4
MBS918	Individualizing and Adapting Teaching	2+0+0	Elective	4
MBS919	Project Preparation in Education	2+0+0	Elective	4
MBS920	Sustainable Development and Education	2+0+0	Elective	4
MBS921	Critical and Analytical Thinking	2+0+0	Elective	4
MBS922	Adult Education and Lifelong Learning	2+0+0	Elective	4

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
MAZ302	Teaching Algebra	3+0+0	Compulsory	5
MAZ304	Teaching Probability and Statistics	3+0+0	Compulsory	4
MAZ306	Making Connections in Mathematics Teaching	3+0+0	Compulsory	4
MBZ302	Assessment and Evaluation in Education	2+0+0	Compulsory	3
MBZ304	Turkish Education System and School Management	2+0+0	Compulsory	3
GKS4	General Culture Elective 4	2+0+0	Elective	3
MAS4	Mathematics Area Electives 4	2+0+0	Elective	4
MBS4	Professional Knowledge Electives 4	2+0+0	Elective	4
Total ECTS				30
GKS901	Addiction and Fight Against Addiction	2+0+0	Elective	3
GKS902	Nutrition and Health	2+0+0	Elective	3
GKS903	History and Philosophy of Science	2+0+0	Elective	3
GKS904	Science and Research Ethics	2+0+0	Elective	3
GKS905	Economy and Entrepreneurship	2+0+0	Elective	3
GKS906	Traditional Turkish Handicrafts	2+0+0	Elective	3
GKS907	Human Rights and Democracy Education	2+0+0	Elective	3
GKS908	Human Relations and Communication	2+0+0	Elective	3
GKS909	CAREER PLANNING AND DEVELOPMENT	2+0+0	Elective	3
GKS910	Culture and Language	2+0+0	Elective	3
GKS911	Media Literacy	2+0+0	Elective	3
GKS912	Professional English	2+0+0	Elective	3
GKS913	Art and Aesthetics	2+0+0	Elective	3
GKS914	Turkish Folk Dances	2+0+0	Elective	3
GKS915	Turkish Sign Language	2+0+0	Elective	3
GKS916	Turkish Culture and Geography	2+0+0	Elective	3
GKS917	Turkish Music	2+0+0	Elective	3
GKS918	Turkish Art History	2+0+0	Elective	3
MAS901	Computer Assisted Mathematics Teaching	2+0+0	Elective	4
MAS902	Culture and Mathematics	2+0+0	Elective	4
MAS903	Mathematics Teaching in Primary Schools	2+0+0	Elective	4
MAS904	Mathematics Textbook Review	2+0+0	Elective	4
MAS905	Inclusion in Mathematics Education	2+0+0	Elective	4
MAS906	Self-regulation in Mathematics Education	2+0+0	Elective	4
MAS907	Developing Activities in Math Teaching	2+0+0	Elective	4
MAS908	Material Design in Mathematics Teaching	2+0+0	Elective	4
MAS909	Out of School Learning Environments in Math Teaching	2+0+0	Elective	4
MAS910	Communication in Mathematics Classes	2+0+0	Elective	4
MAS911	Teaching Mathematics to Gifted Students	2+0+0	Elective	4

MAS912	Teaching Mathematics Through Play	2+0+0	Elective	4
MAS913	Evaluation of In- Class Learning	2+0+0	Elective	4
MBS901	Open and Distance Learning	2+0+0	Elective	4
MBS902	Education of Hospitalized Children	2+0+0	Elective	4
MBS903	Child Psychology	2+0+0	Elective	4
MBS904	Inclusive Education	2+0+0	Elective	4
MBS905	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
MBS907	Education Law	2+0+0	Elective	4
MBS908	Comparative Education	2+0+0	Elective	4
MBS909	Education Anthropology	2+0+0	Elective	4
MBS910	Micro Teaching	2+0+0	Elective	4
MBS911	Education History	2+0+0	Elective	4
MBS912	Museum Education	2+0+0	Elective	4
MBS913	Drama in Education	2+0+0	Elective	4
MBS914	Out of School Learning Environments	2+0+0	Elective	4
MBS915	Non-Program Activities in Education	2+0+0	Elective	4
MBS916	Learning Difficulty	2+0+0	Elective	4
MBS917	Program Development	2+0+0	Elective	4
MBS918	Individualizing and Adapting Teaching	2+0+0	Elective	4
MBS919	Project Preparation in Education	2+0+0	Elective	4
MBS920	Sustainable Development and Education	2+0+0	Elective	4
MBS921	Critical and Analytical Thinking	2+0+0	Elective	4
MBS922	Adult Education and Lifelong Learning	2+0+0	Elective	4

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
MAZ401	Problem Solving in Mathematics	2+0+0	Compulsory	3
MAZ403	Misconceptions in Mathematics Teaching	2+0+0	Compulsory	3
MAZ405	Logical Reasoning	2+0+0	Compulsory	3
MBZ403	Special Education and Inclusion	2+0+0	Compulsory	3
MÖU401	Teaching Practice I	2+6+0	Compulsory	10
MAS5	Mathematics Area Electives 5	2+0+0	Elective	4
MBS5	Professional Knowledge Electives 5	2+0+0	Elective	4

Total ECTS 30

MAS901	Computer Assisted Mathematics Teaching	2+0+0	Elective	4
MAS902	Culture and Mathematics	2+0+0	Elective	4
MAS903	Mathematics Teaching in Primary Schools	2+0+0	Elective	4
MAS904	Mathematics Textbook Review	2+0+0	Elective	4
MAS905	Inclusion in Mathematics Education	2+0+0	Elective	4
MAS906	Self-regulation in Mathematics Education	2+0+0	Elective	4
MAS907	Developing Activities in Math Teaching	2+0+0	Elective	4
MAS908	Material Design in Mathematics Teaching	2+0+0	Elective	4
MAS909	Out of School Learning Environments in Math Teaching	2+0+0	Elective	4
MAS910	Communication in Mathematics Classes	2+0+0	Elective	4
MAS911	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
MAS912	Teaching Mathematics Through Play	2+0+0	Elective	4
MAS913	Evaluation of In- Class Learning	2+0+0	Elective	4
MBS901	Open and Distance Learning	2+0+0	Elective	4
MBS902	Education of Hospitalized Children	2+0+0	Elective	4
MBS903	Child Psychology	2+0+0	Elective	4
MBS904	Inclusive Education	2+0+0	Elective	4
MBS905	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
MBS907	Education Law	2+0+0	Elective	4
MBS908	Comparative Education	2+0+0	Elective	4
MBS909	Education Anthropology	2+0+0	Elective	4
MBS910	Micro Teaching	2+0+0	Elective	4
MBS911	Education History	2+0+0	Elective	4
MBS912	Museum Education	2+0+0	Elective	4
MBS913	Drama in Education	2+0+0	Elective	4
MBS914	Out of School Learning Environments	2+0+0	Elective	4
MBS915	Non-Program Activities in Education	2+0+0	Elective	4
MBS916	Learning Difficulty	2+0+0	Elective	4
MBS917	Program Development	2+0+0	Elective	4
MBS918	Individualizing and Adapting Teaching	2+0+0	Elective	4
MBS919	Project Preparation in Education	2+0+0	Elective	4
MBS920	Sustainable Development and Education	2+0+0	Elective	4
MBS921	Critical and Analytical Thinking	2+0+0	Elective	4
MBS922	Adult Education and Lifelong Learning	2+0+0	Elective	4

8.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
MAZ402	Mathematical Philosophy	2+0+0	Compulsory	3
MAZ404	Modeling in Mathematics Teaching	2+0+0	Compulsory	4
MBZ404	Guidance in Schools	2+0+0	Compulsory	3
MÖU402	Teaching Practice II	2+6+0	Compulsory	12
GÖÇ402	ELECTIVE: Volunteering Studies	1+2+0	Elective	4
MAS6	Mathematics Area Electives 6	2+0+0	Elective	4
MBS6	Professional Knowledge Electives 6	2+0+0	Elective	4
			Total ECTS	34