

3.Semester Course Plan

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
AİT107	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 Socialogy	2+0+0	Compulsory	3
TEB107	Turkish Language I	3+0+0	Compulsory	5
YDİ107	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
AİT108	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
YDİ108	Foreign Language II	2+0+0	Compulsory	3
KPD102	Career planning	2+0+0	Elective	2
			Total ECTS	35

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	·	2+0+0	Elective	
	Critical and Analytical Thinking			4
MBS922	Adult Education and Lifelong Learning	2+0+0	Elective	4
	4.Semester Course Plan			
	4. Semester Course Plan			
Course Code	Course Name	TAAAI	Compulsors/Elective	ECTE
Course Code	Community Continue Applications	T+A+L	Compulsory/Elective	ECTS
GKZ202	Community Service Applications	1+2+0	Compulsory	3
GKZ202 MAZ202	Community Service Applications Secondary School Mathematics Curriculums	1+2+0 2+0+0	Compulsory Compulsory	3 3
GKZ202 MAZ202 MAZ204	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II	1+2+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory	3 3 2
GKZ202 MAZ202 MAZ204 MAZ206	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming	1+2+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory	3 3 2 2
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory	3 3 2 2 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory	3 3 2 2 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory	3 3 2 2 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory	3 3 2 2 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory	3 3 2 2 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective	3 3 2 2 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective	3 3 2 2 3 3 3 4 4
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective	3 3 2 2 3 3 3 4 4
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS	3 3 2 2 3 3 3 3 4 4 4
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS	3 3 2 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS Elective Elective	3 3 2 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 2 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 2 2 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education	1+2+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 2 2 3 3 3 3 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS903 GKS904 GKS905 GKS906 GKS907 GKS907	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS908	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT	2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS905 GKS906 GKS907 GKS908 GKS909 GKS909	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS910	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 2 3 3 3 3 4 4 4 30
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 2 3 3 3 3 4 4 4 30 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS908 GKS911 GKS911 GKS912 GKS913 GKS914	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS906 GKS907 GKS910 GKS911 GKS911 GKS912 GKS913	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 4 30 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS910 GKS911 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911 GKS912 GKS911 GKS912 GKS911 GKS912 GKS916 GKS915 GKS916 GKS917	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS910 GKS911 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 4 30 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911 GKS912 GKS911 GKS912 GKS911 GKS912 GKS916 GKS915 GKS916 GKS917	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911 GKS912 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915 GKS916 GKS917 GKS918	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 4 30 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911 GKS912 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 4 30 3 3 3 3 3 3 3 3 3 3 3
GKZ202 MAZ202 MAZ204 MAZ206 MAZ208 MBZ204 MBZ206 GKS 2 MAS 2 MBS 2 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS911 GKS912 GKS913 GKS914 GKS917 GKS918 MAS901 MAS901 MAS902	Community Service Applications Secondary School Mathematics Curriculums Linear Algebra II Algorithm and Programming Probability Turkish Education History Research Methods in Education General Culture Electives 2 Mathematics Field Electives II Professional Knowledge Electives II Professional Knowledge Electives II Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics	1+2+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 2 2 3 3 3 3 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3

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
	•			4
MBS912	Museum Education	2+0+0	Elective	
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
50022	riadit Education and Enclosing Educating			•
	5.Semester Course Plan			
Course Code		T+A+L	Compulaceu/Elective	ECTO
	Course Name		Compulsory/Elective	ECTS
MAZ301	Teaching Numbers	3+0+0	Compulsory	5
	-			
MAZ303	Geometry Evaluation and Teaching	3+0+0	Compulsory	4
	Geometry Evaluation and Teaching Statistics		Compulsory Compulsory	4 2
MAZ303	Statistics	3+0+0	Compulsory	
MAZ303 MAZ305 MAZ307	Statistics Algebra	3+0+0 2+0+0 2+0+0	Compulsory Compulsory	2
MAZ303 MAZ305 MAZ307 MBZ301	Statistics Algebra Classroom Management	3+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory	2 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303	Statistics Algebra Classroom Management Moral and Ethics in Education	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory	2 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303	Statistics Algebra Classroom Management Moral and Ethics in Education	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory	2 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective	2 3 3 3 3 4
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Elective	2 3 3 3 4 4
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS	2 3 3 3 4 4 4
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS904 GKS905 GKS906 GKS907 GKS908	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS904 GKS905 GKS906 GKS907 GKS908	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy	3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS911 GKS911 GKS912 GKS913	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS908 GKS911 GKS911 GKS912 GKS913 GKS914	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS908 GKS911 GKS911 GKS912 GKS913 GKS914	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS907 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916 GKS917	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915 GKS917 GKS918	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS918 MAS901	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS918 MAS901 MAS901 MAS902	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS918 MAS901	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS902 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS918 MAS901 MAS901 MAS902	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 MBS3 GKS901 GKS902 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS917 GKS918 MAS901 MAS902 MAS903	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS914 GKS915 GKS910	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Textbook Review Inclusion in Mathematics Education	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS912 GKS913 GKS914 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Education	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3
MAZ303 MAZ305 MAZ307 MBZ301 MBZ303 GKS3 MAS3 MBS3 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS914 GKS915 GKS910	Statistics Algebra Classroom Management Moral and Ethics in Education General Culture Elective 3 Mathematics Area Electives 3 Professional Knowledge Electives 3 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Textbook Review Inclusion in Mathematics Education	3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Elective	2 3 3 3 4 4 31 3 3 3 3 3 3 3 3 3 3 3 3 3

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
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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
		2+0+0		
MBS919	Project Preparation in Education		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
MIDOULL	Addit Education and Envioling Educating	2.0.0	2.000.70	•
	0.0 (0 Pla .			
	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
MDZJOT				
			Elective	3
GKS4	General Culture Elective 4	2+0+0	Elective	3
GKS4 MAS4	General Culture Elective 4 Mathematics Area Electives 4	2+0+0 2+0+0	Elective	4
GKS4	General Culture Elective 4	2+0+0	Elective Elective	4 4
GKS4 MAS4	General Culture Elective 4 Mathematics Area Electives 4	2+0+0 2+0+0	Elective	4
GKS4 MAS4	General Culture Elective 4 Mathematics Area Electives 4	2+0+0 2+0+0	Elective Elective	4 4
GKS4 MAS4 MBS4	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4	2+0+0 2+0+0 2+0+0	Elective Elective Total ECTS	4 4 30
GKS4 MAS4 MBS4 GKS901	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction	2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Total ECTS Elective	4 4 30 3
GKS4 MAS4 MBS4 GKS901 GKS902	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Total ECTS Elective Elective	4 4 30 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Total ECTS Elective	4 4 30 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Total ECTS Elective Elective	4 4 30 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Total ECTS Elective Elective Elective	4 4 30 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective	4 4 30 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective	4 4 30 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	4 4 30 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective	4 4 30 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	4 4 30 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS912	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS909 GKS910 GKS911 GKS911 GKS912 GKS913	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography	2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916 GKS917 GKS918	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS908 GKS910 GKS911 GKS911 GKS912 GKS913 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Education	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906 MAS907	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Education Developing Activities in Math Teaching	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Education	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906 MAS907	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Education Developing Activities in Math Teaching	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS918 MAS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906 MAS907 MAS908 MAS909	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Teaching Material Design in Mathematics Teaching Out of School Learning Environments in Math Teaching	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS914 GKS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906 MAS907 MAS908 MAS909 MAS909 MAS910	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Education Developing Activities in Math Teaching Material Design in Mathematics Teaching Out of School Learning Environments in Math Teaching Communication in Mathematics Classes	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GKS4 MAS4 MBS4 GKS901 GKS902 GKS903 GKS904 GKS905 GKS906 GKS907 GKS910 GKS911 GKS912 GKS913 GKS914 GKS915 GKS918 MAS915 GKS916 GKS917 GKS918 MAS901 MAS902 MAS903 MAS904 MAS905 MAS906 MAS907 MAS908 MAS909	General Culture Elective 4 Mathematics Area Electives 4 Professional Knowledge Electives 4 Addiction and Fight Against Addiction Nutrition and Health History and Philosophy of Science Science and Research Ethics Economy and Entrepreneurship Traditional Turkish Handicrafts Human Rights and Democracy Education Human Relations and Communication CAREER PLANNING AND DEVELOPMENT Culture and Language Media Literacy Professional English Art and Aesthetics Turkish Folk Dances Turkish Sign Language Turkish Culture and Geography Turkish Music Turkish Art History Computer Assisted Mathematics Teaching Culture and Mathematics Mathematics Teaching in Primary Schools Mathematics Textbook Review Inclusion in Mathematics Education Self-regulation in Mathematics Teaching Material Design in Mathematics Teaching Out of School Learning Environments in Math Teaching	2+0+0 2+0+0	Elective Elective	4 4 4 30 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

Elective

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MAS908

Material Design in Mathematics Teaching

MAS913	Evaluation of In-Class Learning	2+0+0	Elective	4
	<u> </u>		Elective	
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	
	S .			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	Loarning Difficulty	2+0+0	Elective	4
MBS917	Learning Difficulty			
MBS918	•	2+0+0	Elective	4
11120010	Program Development	2+0+0 2+0+0	Elective Flective	4 4
MRS010	Program Development Individualizing and Adapting Teaching	2+0+0	Elective	4
MBS919	Program Development Individualizing and Adapting Teaching Project Preparation in Education	2+0+0 2+0+0	Elective Elective	4 4
MBS920	Program Development Individualizing and Adapting Teaching Project Preparation in Education Sustainable Development and Education	2+0+0 2+0+0 2+0+0	Elective Elective Elective	4 4 4
MBS920 MBS921	Program Development Individualizing and Adapting Teaching Project Preparation in Education Sustainable Development and Education Critical and Analytical Thinking	2+0+0 2+0+0 2+0+0 2+0+0	Elective Elective Elective	4 4 4
MBS920	Program Development Individualizing and Adapting Teaching Project Preparation in Education Sustainable Development and Education	2+0+0 2+0+0 2+0+0	Elective Elective Elective	4 4 4

Elective

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MAS912

Teaching Mathematics Through Play

	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