

DEPARTMENT OF TEACHING MATHEMATICS			DEPARTMENT					
BİRİNCİ YARIYIL (GÜZ) / FIRST SEMESTER								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH	101	Introduction to Set Theory and Logic	-	3	2	0	4	8
MATH	131	Calculus I	-	3	2	0	4	6
ED	101	Introduction to Educational Sciences	-	3	0	0	3	6
PSY	101	Introduction to Psychology	-	3	0	0	3	6
AFE	131	Academic English I	-	2	2	0	3	4
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Toplam				14	6	0	17	30
İKİNCİ YARIYIL (BAHAR) / Second Semester								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH	154	Discrete Mathematics		2	2	0	3	7
MATH	132	Calculus II		3	2	0	4	6
MATH	102	Basic Algebraic Structures		3	2	0	4	8
AFE	132	Academic English II		2	2	0	3	4
		Unrestricted Elective		3	0	0	3	5
Toplam				13	8	0	17	30
ÜÇÜNCÜ YARIYIL (GÜZ) / Third Semester								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH	231	Linear Algebra I		3	2	0	4	7
MATH	255	Calculus III		3	2	0	4	8
EDEM	240	Geometry for Teachers		3	0	0	3	8
CET	110	Basic Computer Applications		2	0	2	3	5
TKL	201	Turkish Language I		2	0	0	2	2
Toplam				13	4	2	16	30
DÖRDÜNCÜ YARIYIL (BAHAR) / Fourth Semester								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH	232	Linear Algebra II		3	2	0	4	8
PHIL	112	LOGIC I		3	0	0	3	7
EDEM	205	Contemporary Trends in Teaching Mathematics		3	0	0	3	7
TKL	202	Turkish Language II		2	0	0	2	2
EDSM	48X	Area Elective		3	0	0	3	6
Toplam				14	2	0	15	30
BEŞİNCİ YARIYIL (GÜZ) / Fifth Semester								

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH 321	Introduction to Group Theory		3	0	0	3	7
PHYS 101	Physics I		3	0	2	4	6
EDEM 325	Development of Thinking Skills		3	0	0	3	6
ED 103	Guidance in Education		3	0	0	3	6
EDSM 48X	Area Elective		3	0	0	3	6
Toplam			15	0	2	16	31
ALTINCI YARIYIL (BAHAR) / Sixth Semester							
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH 256	Introduction to Real Analysis		3	2	0	4	8
PHYS 102	Physics II		3	0	2	4	6
EDGN 200	Social Awareness		0	4	0	2	4
ED 221	Educational Psychology		3	0	0	3	5
EDSM 48X	Area Elective		3	0	0	3	6
Toplam			12	6	2	16	29
YEDİNCİ YARIYIL (GÜZ) / Seventh Semester							
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH 245	Ordinary Differential Equations		3	2	0	4	8
MATH 111	Analytical Geometry		3	2	0	4	9
HUM 103	Humanities		2	0	0	2	3
ED 340	Instructional Theories and Practices		3	0	0	3	6
	Unrestricted Elective		3	0	0	3	5
Toplam			14	4	0	16	31
SEKİZİNCİ YARIYIL (BAHAR) / Eighth Semester							
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
EDSM 478	Material Development in Mathematics Education		2	2	0	3	7
ED 477	Classroom Management		3	0	0	3	5
STAT 410	Statistics		3	0	0	3	5
EDSM 48X	Area Elective		3	0	0	3	6
EDSM 48X	Area Elective		3	0	0	3	6
Toplam			14	2	0	15	29
DOKUZUNCU YARIYIL (BAHAR) / Ninth Semester							
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
EDSM 406	School Experience		1	4	0	3	8

EDSM	431	Teaching Methods in Mathematics I		2	2	0	3	8
MATH	357	Complex Analysis		3	2	0	4	7
ED	440	Measurement and Evaluation		3	0	0	3	5
HTR	301	History of Turkish Revolution I		2	0	0	2	2

Toplam			11	8	0	15	30
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ONUNCU YARIYIL (BAHAR) / Tenth Semester

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
EDSM	408	Practice Teaching in Mathematics	2	6	0	5	10
EDSM	432	Teaching Methods in Mathematics II	2	2	0	3	9
RSCH	410	Scientific Research Methods	3	0	0	3	4
STAT	411	Advanced Statistics Applications	3	0	0	3	5
HTR	302	History of Turkish Revolution II	2	0	0	2	2

Toplam			12	8	0	16	30
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Genel Toplam							159	300
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BÖLÜM SEÇMELİ DERSLER (GÜZ) / AREA ELECTIVES

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
EDSM	480	Special Issues 1	3	0	0	3	6
EDSM	481	Special Issues 2	3	0	0	3	6
EDSM	482	Special Issues 3	3	0	0	3	6
EDSM	483	Special Issues 4	3	0	0	3	6
EDSM	484	Special Issues 5	3	0	0	3	6
EDSM	485	Special Issues 6	3	0	0	3	6
EDSM	486	Special Issues 7	3	0	0	3	6
EDSM	487	Special Issues 8	3	0	0	3	6
EDSM	488	Special Issues 9	2	2	0	3	6
EDSM	489	Special Issues 10	2	2	0	3	6