

Karamanoğlu Mehmetbey Üniversitesi FACULTY OF EDUCATION

ELEMENTARY MATHEMATICS EDUCATION İLKÖĞRETİM MATEMATİK ÖĞRETMENLİĞİ

	1.Semester Course Plan			
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403108	INTRODUCTION TO EDUCATION	2+0+0	Compulsory	3
1403109	EDUCATIONAL SOCIOLOGY	2+0+0	Compulsory	3
1403110	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2+0+0	Compulsory	3
1403111	FOREIGN LANGUAGE (ENGLISH)I	2+0+0	Compulsory	3
1403112	TURKISH LANGUAGE I	3+0+0	Compulsory	5
1403113	INFORMATION TECHNOLOGIES	3+0+0	Compulsory	5
1403114	FUNDAMENTALS OF MATHEMATICS I	2+0+0	Compulsory	2
1403115	ANALYSIS I	2+0+0	Compulsory	3
1403116	HISTORY OF MATHEMATICS	2+0+0	Compulsory	3
			Total ECTS	30

	2.Semester Course Plan			
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403208	EDUCATIONAL PSYCHOLOGY	2+0+0	Compulsory	3
1403209	PHILOSOPHY OF EDUCATION	2+0+0	Compulsory	3
1403210	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2+0+0	Compulsory	3
1403211	FOREIGN LANGUAGE (ENGLISH) II	2+0+0	Compulsory	3
1403212	TURKISH LANGUAGE II	3+0+0	Compulsory	5
1403213	FUNDAMENTALS OF MATHEMATICS II	2+0+0	Compulsory	4
1403214	ANALYSIS II	2+0+0	Compulsory	4
1403215	ABSTRACT MATHEMATICS	2+0+0	Compulsory	5
			Total ECTS	30

	3.Semester Course Plan			
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403301	INSTRUCTIONAL TECHNOLOGIES	2+0+0	Compulsory	3
1403302	PRINCIPLES AND METHODS OF TEACHING	2+0+0	Compulsory	3
1403303	MATHEMATICS LEARNING AND TEACHING APPROACHES	2+0+0	Compulsory	3
1403304	LINEAR ALGEBRA I	2+0+0	Compulsory	3
1403305	ANALYTIC GEOMETRY	2+0+0	Compulsory	4
1403306	ANALYSIS III	2+0+0	Compulsory	3
ALANEĞT1	ALAN EĞT. SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
GENELKÜL1	GENEL KÜL. SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	6
MESLEKBİL1	MESLEK BİL. SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
			Total ECTS	41
AEGT001	CTIVITY BASED MATHEMATICS INSTRUCTION	2+0+0	Elective	4
AEGT003	CULTURE AND MATHEMATICS	2+0+0	Elective	4
AEGT005	EVIEW OF THE MATHEMATICS COURSE BOOK	2+0+0	Elective	4
AEGT006	COMPUTER AIDED MATHEMATICS TEACHING	2+0+0	Elective	4
AEGT007	TEACHING PRIMARY SCHOOL MATHEMATICS	2+0+0	Elective	4
AEGT008	INCLUSION APPLICATIONS IN MATHEMATICS EDUCATION	2+0+0	Elective	4
AEGT011	COMMUNICATION IN MATHEMATICS CLASSROOMS	2+0+0	Elective	4
GNLK001	ADDICTION AND FIGHT AGAINST ADDICTION	2+0+0	Elective	3
GNLK002	HISTORY AND PHILOSOPHY OF SCIENCE	2+0+0	Elective	3
GNLK005	PROFESSIONAL ENGLISH	2+0+0	Elective	3
GNLK006	TURKISH FOLK DANCES	2+0+0	Elective	3
GNLK009	SCIENCE AND RESEARCH ETHICS	2+0+0	Elective	3
GNLK012	HUMAN RELATIONS AND COMMUNICATION	2+0+0	Elective	3
GNLK013	CAREER PLANNING AND DEVELOPMENT	2+0+0	Elective	3
GNLK016	TURKISH CULTURAL GEOGRAPHY	2+0+0	Elective	3
GNLK019	TURKISH SIGN LANGUAGE	2+0+0	Elective	3
GNLK021	GRAPH THEORY	2+0+0	Elective	3
GNLK022	CHEMISTRY OF LIFE	2+0+0	Elective	3
GNLK023	ALTERNATIVE SCHOOLS	2+0+0	Elective	3
GNLK024	VIEW OF EDUCATION FROM OTTOMAN TEXTS	2+0+0	Elective	3
MBİL002	CRITICAL AND ANALYTICAL THINKING	2+0+0	Elective	4
MBİL003	CHARACTER AND VALUE TRAINING	2+0+0	Elective	4

MBIL011	EDUCATIONAL ANTHROPOLOGY	2+0+0	Elective	4
MBİL012	HISTORY OF EDUCATION	2+0+0	Elective	4
MBİL014	EXTERNAL ACTIVITIES IN EDUCATION	2+0+0	Elective	4
MBİL015	PROGRAM DEVELOPMENT IN EDUCATION	2+0+0	Elective	4
MBIL018	MICRO TEACHING	2+0+0	Elective	4
MBIL010 MBIL020	EXTRACURRICULAR LEARNING ENVIRONMENTS	2+0+0	Elective	4
MBİL021	LEARNING DIFFICULTY	2+0+0	Elective	4
MBİL022	INDIVIDUALIZING AND ADAPTING TEACHING	2+0+0	Elective	4
	4.Semester Course Plan			
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403401	TURKISH EDUCATIONAL HISTORY	2+0+0	Compulsory	3
1403402	EDUCATIONAL RESEARCH METHODS	2+0+0	Compulsory	3
1403403	COMMUNITY SERVICE PRACTICES	1+2+0	Compulsory	3
1403404	MIDDLE SCHOOL MATHEMATICS TEACHING PROGRAMS	2+0+0	Compulsory	3
1403405	LINEAR ALGEBRA II	2+0+0	Compulsory	2
1403406	ALGORITHM AND PROGRAMMING	2+0+0	Compulsory	2
1403407	PROBABILITY	2+0+0	Compulsory	3
ALANEĞT2	ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
GENELKÜL2	GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	6
MESLEKBİL2	MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
			Total ECTS	41
AEGT002	PLAY AND MATHEMATICS	2+0+0	Elective	4
AEGT002 AEGT004	NON-SCHOOL LEARNING IN MATHEMATICS TEACHING	2+0+0 2+0+0	Elective	4
AEGT004 AEGT009	SELF-REGULATION IN MATHEMATICS EDUCATION	2+0+0	Elective	4
AEGT010	MATERIAL DESIGN IN MATHEMATICS TEACHING	2+0+0	Elective	4
AEGT012	TEACHING MATHEMATICS TO GIFTED STUDENTS	2+0+0	Elective	4
AEGT013	EVALUATION OF CLASSROOM LEARNING	2+0+0	Elective	4
GNLK003	HUMAN RIGHTS AND DEMOCRACY EDUCATION	2+0+0	Elective	3
GNLK004	MEDIA LITERACY	2+0+0	Elective	3
GNLK007	FRACTALS AND PATTERNS	2+0+0	Elective	3
GNLK008	NUTRITION AND HEALTH	2+0+0	Elective	3
GNLK010	ECONOMY AND ENTREPRENEURSHIP	2+0+0	Elective	3
GNLK011	TRADITIONAL TURKISH ART AND CRAFTS	2+0+0	Elective	3
GNLK014	CULTURE AND LANGUAGE	2+0+0	Elective	3
GNLK015	ART AND AESTHETICS	2+0+0	Elective	3
GNLK017	TURKISH MUSIC	2+0+0	Elective	3
GNLK018	TURKISH ART HISTORY	2+0+0	Elective	3
GNLK020	ANATOLIAN FOLK CULTURE	2+0+0	Elective	3
GNLK025	MIND AND INTELLIGENCE GAMES	2+0+0	Elective	3
GNLK026	NATURE AND TEACHING OF SCIENCE	2+0+0	Elective	3
GNLK027	PHYSICS IN OUR LIVES	2+0+0	Elective	3
GNLK028		2+0+0	Elective	3
GNLK029		2+0+0	Elective	3
MBİL001	PROJECT PREPARATION IN EDUCATION	2+0+0	Elective	4
MBİL005	SUSTAINABLE DEVELOPMENT AND EDUCATION	2+0+0	Elective	4
MBİL006	ADULT EDUCATION AND LIFELONG LEARNING	2+0+0	Elective	4
MBİL007	OPEN AND DISTANCE LEARNING	2+0+0	Elective	4
MBİL008	CHILDREN'S PSYCHOLOGY	2+0+0	Elective	4
MBİL009	ATTENTION DEFICIENCY AND HYPERACTIVITY DISORDER	2+0+0	Elective	4
MBİL010	EDUCATIONAL LAW	2+0+0	Elective	4
MBİL013	DRAMA IN EDUCATION	2+0+0	Elective	4
MBİL016	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
MBİL017	INCLUSIVE EDUCATION	2+0+0	Elective	4
MBİL019	MUSEUM EDUCATION	2+0+0	Elective	4
2		2+0+0	Elective	3
Course Code	5.Semester Course Plan Course Name	T+A+L	Compulsory/Elective	ECTS
1403501	CLASSROOM MANAGEMENT	2+0+0	Compulsory	3
1403501	ETHICS AND ETHICS IN EDUCATION	2+0+0	Compulsory	3
1403502	TEACHING NUMBERS	3+0+0	Compulsory	5
1403503	TEACHING NOMBERS TEACHING GEOMETRY AND MEASUREMENT	3+0+0	Compulsory	4
1403504	STATISTICS	3+0+0	Compulsory	2

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ALANEĞT3

GENELKÜL3

MESLEKBİL3

STATISTICS

ALAN EĞT. SEÇ. DERSLER (1 DERS SEÇİLECEK)

GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK)

MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK)

ALGEBRA

EDUCATIONAL ANTHROPOLOGY

AEGT001 CTIVITY BASED MATHEMATICS INSTRUCTION 2-0-0 Elective 4				Total ECTS	41	
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CONLINCIDED TURKISH SIGN LANGUAGE 2-00-0 Elective 3						
SANLK021 GRAPH THEORY 240+0 Elective 3 SONLK022 CHEMISTRY OF LIFE 240+0 Elective 3 SONLK023 ALTERNATIVE SCHOOLS 240+0 Elective 3 SONLK024 VIEW OF EDUCATION FOR OTTOMAN TEXTS 240+0 Elective 3 SONLK024 VIEW OF EDUCATION FOR OTTOMAN TEXTS 240+0 Elective 4 SONLK025 CRITICAL AND ANALYTICAL THINKING 240+0 Elective 4 MBILD03 CHARACTER AND VALUE TRAINING 240+0 Elective 4 MBILD03 COMPARATIVE EDUCATION 240+0 Elective 4 MBILD11 EDUCATIONAL ANTHROPOLOGY 210+0 Elective 4 MBILD11 EDUCATIONAL ANTHROPOLOGY 210+0 Elective 4 MBILD14 EXTERNAL ACTIVITIES IN EDUCATION 240+0 Elective 4 MBILD15 MIGRO TEACHING 240+0 Elective 4 MBILD16 MIGRO TEACHING 240+0 Elective 4 MBILD18 MIGRO TEACHING 240+0 Elective 4 MBILD18 MIGRO TEACHING 240+0 Elective 4 MBILD21 LEARNING DIFFICULTY 240+0 Elective 4 MBILD22 INDIVIDUALIZING AND ADAPTING TEACHING 240+0 Elective 4 MBILD22 INDIVIDUALIZING AND ADAPTING TEACHING 240+0 Elective 4 MBILD22 TURKISH EDUCATION 240+0 Elective 4 MBILD23 TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT 240+0 Compulsory 3 MBILD24 TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT 240+0 Compulsory 3 MBILD25 TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT 240+0 Compulsory 4 MBILD26 TEACHING PROBABILITY AND STATISTICS 340+0 Compulsory 4 MBILD26 ALANEGTE A LANN ECKSELER (1 DERS SEÇILECEK) 240+0 Elective 8 MBESLEKBIL4 GENEL KÜLSEC, DERSELER (1 DERS SEÇILECEK) 240+0 Elective 8 MBESLEKBIL4 GENEL KÜLSEC, DERSELER (1 DERS SEÇILECEK) 240+0 Elective 4 MESLEKBIL4 MON-SCHOOL LEARNING IN MATHEMATICS TEACHING 240+0 Elective 4 MESLEKBIL4 MESLEK BIL SEC, DERSELER (1 DERS SEÇILECEK) 240+0 Elective 3 MIGRO MEDILA LITERACY MATHEMATICS TEACHING 240+0 Elective 3 MIGRO MEDILA LITERACY MATHEMATICS TEACHING 240+0 Elective 3 MIGRO MEDILA LITERACY MATHEMATI						
CANLK022						
CANLK023						
MBIL022		CHEMISTRY OF LIFE		Elective		
MBIL002						
MBILD03	GNLK024	VIEW OF EDUCATION FROM OTTOMAN TEXTS	2+0+0	Elective	3	
MBIL094 COMPARATIVE EDUCATION 2-0-0 Elective 4	MBİL002	CRITICAL AND ANALYTICAL THINKING	2+0+0	Elective	4	
MBIL012	MBİL003	CHARACTER AND VALUE TRAINING	2+0+0	Elective	4	
MBIL012	MBİL004	COMPARATIVE EDUCATION	2+0+0	Elective	4	
MBIL014 EXTERNAL ACTIVITIES IN EDUCATION 2-0+0 Elective 4 MBIL015 PROGRAM DEVELOPMENT IN EDUCATION 24-0+0 Elective 4 MBIL020 EXTRACURRICULAR LEARNING ENVIRONMENTS 2-0+0 Elective 4 MBIL021 LEARNING DIFFICULTY 2-0+0 Elective 4 MBIL022 INDIVIDUALIZING AND ADAPTING TEACHING 2-0+0 Elective 4 G.Semester Course Plan Course Code Semester Course Plan 1-4-1 Compulsory Elective 4 Course Code Course Name 1-4-1 Compulsory Elective 4 HA03801 MEASUREMENT AND SCHOOL MANAGEMENT 2-0+0 Compulsory 3 1403802 TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT 2-0+0 Compulsory 3 1403803 TEACHING ALGEBRA 3-0+0 Compulsory 4 1403803 TEACHING ALGEBRA 3-0+0 Compulsory 4 1403805 ATTRIBUTION IN MATHEMATICS TEACHING 3-0+0 Compulsory 4	MBİL011	EDUCATIONAL ANTHROPOLOGY	2+0+0	Elective	4	
MBIL015 PROGRAM DEVELOPMENT IN EDUCATION 2-0+0 Elective 4 MBIL018 MICRO TEACHING 2-0+0 Elective 4 MBIL021 ELARNING ENVIRONMENTS 2-0+0 Elective 4 MBIL021 ELARNING DIFFICULTY 2-0+0 Elective 4 MBIL021 ELARNING DIFFICULTY 2-0+0 Elective 4 MBIL022 INDIVIDUALIZING AND ADAPTING TEACHING 2-0+0 Elective 4 MBIL022 MIDDIVIDUALIZING AND ADAPTING TEACHING 2-0+0 Elective 4 MBIL022 MIDDIVIDUALIZING AND ADAPTING TEACHING 2-0+0 Elective 4 MBIL022 MIDDIVIDUALIZING AND EVALUATION IN EDUCATION 2-0+0 Compulsory 3 MAGRING AND EVALUATION IN EDUCATION 2-0+0 Compulsory 3 MAGRING AND EVALUATION SYSTEM AND SCHOOL MANAGEMENT 2-0+0 Compulsory 3 MAGRING AND EVALUATION SYSTEM AND SCHOOL MANAGEMENT 2-0+0 Compulsory 4 MAGRING AND EVALUATION SYSTEM AND SCHOOL MANAGEMENT 2-0+0 Compulsory 4 MAGRING AND EVALUATION IN MATHEMATICS TEACHING 3-0+0 Compulsory 4 MAGRING AND EVALUATION IN MATHEMATICS TEACHING 3-0+0 Compulsory 4 MAGRING AND EVALUATION IN MATHEMATICS TEACHING 2-0+0 Elective 8 MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION MAGRING AND EVALUATION IN MATHEMATICS EDUCATION 2-0+0 Elective 4 MAGRING AND EVALUATION IN MATHEMATICS EDUCATION 2-0+0 Elective 4 MAGRING AND EVALUATION OF CLASSROOM LEARNING 2-0+0 Elective 4 MAGRING AND EVALUATION OF CLASSROOM LEARNING 2-0+0 Elective 3 MAGRING AND EVALUATION AND ENTREPRENS 2-0+0 Elective 3 MAGRING AND EVALUATION OF CLASSROOM LEARNING 2-0+0 Elective 3 MALMAN RIGHTS AND DEMONSABLE AND EVALUATION AND ELARNING 2-0+0 Elective 3 MALMON ENTREPRENS 2-0+0 Elective 3 MALMON ENTREPRENS 2-0+0 Elective 3 MALMON ENTREPRENS 2-0+0 Elective 3 MALMON ENTREPRENS 2-0+0 Elective 3 MALMON ENTREPRENS 2-0+0 Elective 3 MALMON ENTREPRENS	MBİL012	HISTORY OF EDUCATION	2+0+0	Elective	4	
MBIL018 MICRO TEACHING 2-0+0 Elective 4 MBIL020 EXTRACURRICULAR LEARNING ENVIRONMENTS 2+0+0 Elective 4 MBIL021 LEARNING DIFFICULTY 2+0+0 Elective 4 MBIL022 INDIVIDUALIZING AND ADAPTING TEACHING 2+0+0 Elective 4 Course Colors Plan TABLE COURSE Varies TEACHING COURSE PLAN COURSE COURSE Varies TABLE COURSE PLAN TABLE COURSE PLAN TABLE COURSE PLAN TABLE COURSE PLAN TABLE COURSE PLAN TABLE COURSE PLAN TABLE COURSE PLAN TABLE COURSE PLAN 2+0+0 Compulsory 3 TABLE COURSE PLAN 2+0+0 Compulsory 4 TABLE COURSE PLAN 2+0+0 Compulsory 4 TABLE COURSE PLAN 2+0+0 Compulsory 4 TABLE COURSE PLAN 2+0+0 Elective 8 <td co<="" td=""><td>MBİL014</td><td>EXTERNAL ACTIVITIES IN EDUCATION</td><td>2+0+0</td><td>Elective</td><td>4</td></td>	<td>MBİL014</td> <td>EXTERNAL ACTIVITIES IN EDUCATION</td> <td>2+0+0</td> <td>Elective</td> <td>4</td>	MBİL014	EXTERNAL ACTIVITIES IN EDUCATION	2+0+0	Elective	4
MBIL020	MBİL015	PROGRAM DEVELOPMENT IN EDUCATION	2+0+0	Elective	4	
MBIL021 LEARNING DIFFICULTY 2+0+0 Elective 4	MBİL018	MICRO TEACHING	2+0+0	Elective	4	
MBIL021 LEARNING DIFFICULTY 2+0+0 Elective 4	MBİL020	EXTRACURRICULAR LEARNING ENVIRONMENTS	2+0+0	Elective	4	
MBIL022 INDIVIDUALIZING AND ADAPTING TEACHING 2+0+0 Elective 4					4	
Course Code					· ·	
1403601						
1403601 MEASUREMENT AND EVALUATION IN EDUCATION 2+0+0 Compulsory 3 1403602 TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT 2+0+0 Compulsory 5 1403603 TEACHING ALGEBRA 3+0+0 Compulsory 5 1403604 TEACHING PROBABILITY AND STATISTICS 3+0+0 Compulsory 4 1403605 ATTRIBUTION IN MATHEMATICS TEACHING 3+0+0 Compulsory 4 1403605 ATTRIBUTION IN MATHEMATICS TEACHING 3+0+0 Compulsory 4 1403605 ATTRIBUTION IN MATHEMATICS TEACHING 3+0+0 Compulsory 4 1403605 ATTRIBUTION IN MATHEMATICS SEC/LECEK 2+0+0 Elective 8 GENELKÜL4 GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇ/LECEK) 2+0+0 Elective 6 RESLEKBIL4 MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇ/LECEK) 2+0+0 Elective 8 Total ECTS 41 ALA EGT002 PLAY AND MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT004 NON-SCHOOL LEARNING IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT009 SELF-REGULATION IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 3 GNLK001 MEDIA TITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND SETHETICS 2+0+0 Elective 3 GNLK016 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK017 TURKISH AND FILEDERS GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective		6.Semester Course Plan				
1403602	Course Code	Course Name	T+A+1	Compulsory/Elective	FCTS	
1403603 TEACHING ALGEBRA 3+0+0 Compulsory 5 1403604 TEACHING PROBABILITY AND STATISTICS 3+0+0 Compulsory 4 1403605 ATRIBUTION IN MATHEMATICS TEACHING 3+0+0 Compulsory 4 ALANEĞT4 ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 8 GENELKÜL4 GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 6 MESLEKBİL4 MESLEK BİL SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 6 MESLEKBİL4 MESLEK BİL SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 6 MESLEKBİLE KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 4 AEĞOTOLE KÜLE KÜLE KÜLE KÜLE KÜLE KÜLE KÜLE KÜ						
1403604	1403601	MEASUREMENT AND EVALUATION IN EDUCATION	2+0+0	Compulsory	3	
1403605 ATTRIBUTION IN MATHEMATICS TEACHING 3+0+0 Compulsory 4	1403601 1403602	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT	2+0+0 2+0+0	Compulsory Compulsory	3 3	
ALANEGT4	1403601 1403602 1403603	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA	2+0+0 2+0+0 3+0+0	Compulsory Compulsory Compulsory	3 3 5	
GENELKÜL4 GENEL KÜL.SÉÇ. DERSLER (1 DERS SÉÇİLECEK) 2+0+0 Elective 6 MESLEKBİL4 MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 8 Total ECTS 41 AEGT002 PLAY AND MATHEMATICS 2+0+0 Elective 4 AEGT004 NON-SCHOOL LEARNING IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT009 SELF-REGULATION IN MATHEMATICS EDUCATION 2+0+0 Elective 4 AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK005 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK006 NUTRITION AND HEALTH 2+0+0 Elective 3	1403601 1403602 1403603 1403604	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS	2+0+0 2+0+0 3+0+0 3+0+0	Compulsory Compulsory Compulsory Compulsory	3 3 5 4	
MESLEKBİL4 MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) 2+0+0 Elective 8 TOTAL ECTS 41 AEGT002 PLAY AND MATHEMATICS 2+0+0 Elective 4 AEGT004 NON-SCHOOL LEARNING IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT009 SELF-REGULATION IN MATHEMATICS EDUCATION 2+0+0 Elective 4 AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory	3 3 5 4 4	
AEGT002 PLAY AND MATHEMATICS AEGT004 NON-SCHOOL LEARNING IN MATHEMATICS TEACHING AEGT009 SELF-REGULATION IN MATHEMATICS EDUCATION AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS AEGT013 EVALUATION OF CLASSROOM LEARNING AEGT013 EVALUATION OF CLASSROOM LEARNING AEGT014 MEDIA LITERACY AEGT015 MEDIA LITERACY AEGT016 MEDIA LITERACY AEGT017 FRACTALS AND PATTERNS AEGT018 AEGT018 AEGT018 AEGT018 AEGT018 AEGT018 AEGT018 AEGT019 AEGT018 AEGT019 AEGT018 AEGT019 AEGT018 AEGT019 AEGT018	1403601 1403602 1403603 1403604 1403605 ALANEĞT4	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8	
AEGT002 PLAY AND MATHEMATICS	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective	3 3 5 4 4 8 6	
AEGT004 NON-SCHOOL LEARNING IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT009 SELF-REGULATION IN MATHEMATICS EDUCATION 2+0+0 Elective 4 AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK005 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK006 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective	3 3 5 4 4 8 6	
AEGT009 SELF-REGULATION IN MATHEMATICS EDUCATION 2+0+0 Elective 4 AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective	3 3 5 4 4 8 6	
AEGT009 SELF-REGULATION IN MATHEMATICS EDUCATION 2+0+0 Elective 4 AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS	3 3 5 4 4 8 6 8	
AEGT010 MATERIAL DESIGN IN MATHEMATICS TEACHING 2+0+0 Elective 4 AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK028 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS	3 3 5 4 4 8 6 8 41	
AEGT012 TEACHING MATHEMATICS TO GIFTED STUDENTS 2+0+0 Elective 4 AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS Elective Elective	3 3 5 4 4 8 6 8 41	
AEGT013 EVALUATION OF CLASSROOM LEARNING 2+0+0 Elective 4 GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATU	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION	2+0+0 2+0+0 3+0+0 3+0+0 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 Compulsory Elective Elective Elective Total ECTS Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK003 HUMAN RIGHTS AND DEMOCRACY EDUCATION 2+0+0 Elective 3 GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK028 <td>1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010</td> <td>MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING</td> <td>2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0 2+0+0</td> <td>Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective</td> <td>3 3 5 4 4 8 6 8 41</td>	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING	2+0+0 2+0+0 3+0+0 3+0+0 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 Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK004 MEDIA LITERACY 2+0+0 Elective 3 GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010 AEGT012	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS	2+0+0 2+0+0 3+0+0 3+0+0 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 Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK007 FRACTALS AND PATTERNS 2+0+0 Elective 3 GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010 AEGT012 AEGT013	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING	2+0+0 2+0+0 3+0+0 3+0+0 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	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK008 NUTRITION AND HEALTH 2+0+0 Elective 3 GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010 AEGT012 AEGT013 GNLK003	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION	2+0+0 2+0+0 3+0+0 3+0+0 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 Compulsory Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK010 ECONOMY AND ENTREPRENEURSHIP 2+0+0 Elective 3 GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY	2+0+0 2+0+0 3+0+0 3+0+0 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	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK011 TRADITIONAL TURKISH ART AND CRAFTS 2+0+0 Elective 3 GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS	2+0+0 2+0+0 3+0+0 3+0+0 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	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK014 CULTURE AND LANGUAGE 2+0+0 Elective 3 GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT009 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH	2+0+0 2+0+0 3+0+0 3+0+0 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 Compulsory Elective Elective Elective Total ECTS Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41	
GNLK015 ART AND AESTHETICS 2+0+0 Elective 3 GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK010	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP	2+0+0 2+0+0 3+0+0 3+0+0 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	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 41	
GNLK017 TURKISH MUSIC 2+0+0 Elective 3 GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK010 GNLK011	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS	2+0+0 2+0+0 3+0+0 3+0+0 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	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3	
GNLK018 TURKISH ART HISTORY 2+0+0 Elective 3 GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3	
GNLK020 ANATOLIAN FOLK CULTURE 2+0+0 Elective 3 GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK015	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3	
GNLK025 MIND AND INTELLIGENCE GAMES 2+0+0 Elective 3 GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK015 GNLK017	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3	
GNLK026 NATURE AND TEACHING OF SCIENCE 2+0+0 Elective 3 GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK015 GNLK017	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	
GNLK027 PHYSICS IN OUR LIVES 2+0+0 Elective 3 GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK015 GNLK017 GNLK018	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC TURKISH ART HISTORY	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	
GNLK028 2+0+0 Elective 3 GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK011 GNLK015 GNLK017 GNLK018 GNLK020	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC TURKISH ART HISTORY ANATOLIAN FOLK CULTURE	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	
GNLK029 2+0+0 Elective 3	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK011 GNLK015 GNLK015 GNLK018 GNLK020 GNLK025	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC TURKISH ART HISTORY ANATOLIAN FOLK CULTURE MIND AND INTELLIGENCE GAMES	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	
	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK010 GNLK011 GNLK011 GNLK015 GNLK015 GNLK015 GNLK018 GNLK020 GNLK025 GNLK026	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC TURKISH ART HISTORY ANATOLIAN FOLK CULTURE MIND AND INTELLIGENCE GAMES NATURE AND TEACHING OF SCIENCE	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	
MBİL001 PROJECT PREPARATION IN EDUCATION 2+0+0 Elective 4	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK011 GNLK015 GNLK015 GNLK017 GNLK018 GNLK020 GNLK025 GNLK026 GNLK027	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC TURKISH ART HISTORY ANATOLIAN FOLK CULTURE MIND AND INTELLIGENCE GAMES NATURE AND TEACHING OF SCIENCE PHYSICS IN OUR LIVES	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 4 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	
	1403601 1403602 1403603 1403604 1403605 ALANEĞT4 GENELKÜL4 MESLEKBİL4 AEGT002 AEGT004 AEGT010 AEGT012 AEGT013 GNLK003 GNLK004 GNLK007 GNLK008 GNLK011 GNLK011 GNLK015 GNLK015 GNLK015 GNLK015 GNLK015 GNLK020 GNLK025 GNLK025 GNLK027 GNLK028	MEASUREMENT AND EVALUATION IN EDUCATION TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT TEACHING ALGEBRA TEACHING PROBABILITY AND STATISTICS ATTRIBUTION IN MATHEMATICS TEACHING ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK) GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK) PLAY AND MATHEMATICS NON-SCHOOL LEARNING IN MATHEMATICS TEACHING SELF-REGULATION IN MATHEMATICS EDUCATION MATERIAL DESIGN IN MATHEMATICS TEACHING TEACHING MATHEMATICS TO GIFTED STUDENTS EVALUATION OF CLASSROOM LEARNING HUMAN RIGHTS AND DEMOCRACY EDUCATION MEDIA LITERACY FRACTALS AND PATTERNS NUTRITION AND HEALTH ECONOMY AND ENTREPRENEURSHIP TRADITIONAL TURKISH ART AND CRAFTS CULTURE AND LANGUAGE ART AND AESTHETICS TURKISH MUSIC TURKISH ART HISTORY ANATOLIAN FOLK CULTURE MIND AND INTELLIGENCE GAMES NATURE AND TEACHING OF SCIENCE PHYSICS IN OUR LIVES	2+0+0 2+0+0 3+0+0 3+0+0 3+0+0 2+0+0	Compulsory Compulsory Compulsory Compulsory Compulsory Elective	3 3 5 4 4 8 6 8 41 4 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	

MBİL005	SUSTAINABLE DEVELOPMENT AND EDUCATION	2+0+0	Elective	4
MBİL006	ADULT EDUCATION AND LIFELONG LEARNING	2+0+0	Elective	4
				-
MBİL007	OPEN AND DISTANCE LEARNING	2+0+0	Elective	4
MBİL008	CHILDREN'S PSYCHOLOGY	2+0+0	Elective	4
MBİL009	ATTENTION DEFICIENCY AND HYPERACTIVITY DISORDER	2+0+0	Elective	4
MBİL010	EDUCATIONAL LAW	2+0+0	Elective	4
MBİL013	DRAMA IN EDUCATION	2+0+0	Elective	4
MBIL016	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0		4
			Elective	-
MBİL017	INCLUSIVE EDUCATION	2+0+0	Elective	4
MBİL019	MUSEUM EDUCATION	2+0+0	Elective	4
2		2+0+0	Elective	3
	7.Semester Course Plan			
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403701	TEACHING PRACTICE I	2+6+0	Compulsory	10
1403702	SPECIAL EDUCATION AND INCLUSION	2+0+0	Compulsory	3
1403703	PROBLEM SOLVING IN MATHEMATICS	2+0+0	Compulsory	3
1403704	MISCONCEPTIONS IN TEACHING MATHEMATICS	2+0+0	Compulsory	3
1403705	LOGICAL REASONING	2+0+0	Compulsory	3
ALANEĞT5	ALAN EĞT.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
MESLEKBİL5	MESLEK BİL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
IVIESLENDILS	WESLER BIL.SEG. DERSLER (1 DERS SEGILEGER)	2+0+0		
			Total ECTS	38
AEGT001	CTIVITY BASED MATHEMATICS INSTRUCTION	2+0+0	Elective	4
AEGT003	CULTURE AND MATHEMATICS	2+0+0	Elective	4
AEGT005	EVIEW OF THE MATHEMATICS COURSE BOOK	2+0+0	Elective	4
AEGT006	COMPUTER AIDED MATHEMATICS TEACHING	2+0+0	Elective	4
				-
AEGT007	TEACHING PRIMARY SCHOOL MATHEMATICS	2+0+0	Elective	4
AEGT008	INCLUSION APPLICATIONS IN MATHEMATICS EDUCATION	2+0+0	Elective	4
AEGT011	COMMUNICATION IN MATHEMATICS CLASSROOMS	2+0+0	Elective	4
MBİL002	CRITICAL AND ANALYTICAL THINKING	2+0+0	Elective	4
MBİL003	CHARACTER AND VALUE TRAINING	2+0+0	Elective	4
				-
MBİL004	COMPARATIVE EDUCATION	2+0+0	Elective	4
MBİL011	EDUCATIONAL ANTHROPOLOGY	2+0+0	Elective	4
MBİL012	HISTORY OF EDUCATION	2+0+0	Elective	4
MBİL014	EXTERNAL ACTIVITIES IN EDUCATION	2+0+0	Elective	4
MBİL015	PROGRAM DEVELOPMENT IN EDUCATION	2+0+0	Elective	4
MBİL018	MICRO TEACHING	2+0+0		4
			Elective	-
MBİL020	EXTRACURRICULAR LEARNING ENVIRONMENTS	2+0+0	Elective	4
MBİL021	LEARNING DIFFICULTY	2+0+0	Elective	4
MBİL022	INDIVIDUALIZING AND ADAPTING TEACHING	2+0+0	Elective	4
	8.Semester Course Plan			
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403801	TEACHING PRACTICUM II	2+6+0	Compulsory	12
			. ,	
1403802	GUIDANCE IN SCHOOLS	2+0+0	Compulsory	3
1403803	PHILOSOPHY OF MATHEMATICS	2+0+0	Compulsory	3
1403804	MODELLING IN MATHEMATICS EDUCATION	2+0+0	Compulsory	4
ALANEĞT6	ALAN EĞT. SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
MESLEKBİL6	MESLEK BIL. SEC. DERSLER (1 DERS SECILECEK)	2+0+0	Elective	8
			Total ECTS	38
			10101 2010	
A F O T 0 0 0	DI AV AND MATHEMATICO	0.0.0	El de d	4
AEGT002	PLAY AND MATHEMATICS	2+0+0	Elective	4
AEGT004	NON-SCHOOL LEARNING IN MATHEMATICS TEACHING	2+0+0	Elective	4
AEGT009	SELF-REGULATION IN MATHEMATICS EDUCATION	2+0+0	Elective	4
AEGT010	MATERIAL DESIGN IN MATHEMATICS TEACHING	2+0+0	Elective	4
AEGT012	TEACHING MATHEMATICS TO GIFTED STUDENTS	2+0+0	Elective	4
				•
AEGT013	EVALUATION OF CLASSROOM LEARNING	2+0+0	Elective	4
MBİL001	PROJECT PREPARATION IN EDUCATION	2+0+0	Elective	4
MBİL005	SUSTAINABLE DEVELOPMENT AND EDUCATION	2+0+0	Elective	4
MBİL006	ADULT EDUCATION AND LIFELONG LEARNING	2+0+0	Elective	4
MBİL007	OPEN AND DISTANCE LEARNING	2+0+0	Elective	4
				•
MBİL008	CHILDREN'S PSYCHOLOGY	2+0+0	Elective	4
MBİL009	ATTENTION DEFICIENCY AND HYPERACTIVITY DISORDER	2+0+0	Elective	4
MBİL010	EDUCATIONAL LAW	2+0+0	Elective	4
MBİL013		0.0.0	Etc. C.	4
	DRAMA IN EDUCATION	2+0+0	Elective	4
MBİL016				4
MBİL016 MBİL017	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
MBİL017	EDUCATION OF HOSPITALIZED CHILDREN INCLUSIVE EDUCATION	2+0+0 2+0+0	Elective Elective	4
	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4