



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
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	Elective	4
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

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
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
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

5.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403501	CLASSROOM MANAGEMENT	2+0+0	Compulsory	3
1403502	ETHICS AND ETHICS IN EDUCATION	2+0+0	Compulsory	3
1403503	TEACHING NUMBERS	3+0+0	Compulsory	5
1403504	TEACHING GEOMETRY AND MEASUREMENT	3+0+0	Compulsory	4
1403505	STATISTICS	2+0+0	Compulsory	2
1403506	ALGEBRA	2+0+0	Compulsory	2
ALANEĞT3	ALAN EĞT. SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
GENELKÜL3	GENEL KÜL.SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	6
MESLEKBİL3	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	VIEW 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	
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	Elective	4	
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	

6.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
1403601	MEASUREMENT AND EVALUATION IN EDUCATION	2+0+0	Compulsory	3
1403602	TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT	2+0+0	Compulsory	3
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
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	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	
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

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
Total ECTS				38

AEGT001	CTIVITY BASED MATHEMATICS INSTRUCTION	2+0+0	Elective	4
AEGT003	CULTURE AND MATHEMATICS	2+0+0	Elective	4
AEGT005	VIEW 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	Elective	4
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 BİL. SEÇ. DERSLER (1 DERS SEÇİLECEK)	2+0+0	Elective	8
Total ECTS				38

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	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

