



Kafkas Üniversitesi
DEDE KORKUT FACULTY OF EDUCATION
Mathematics and Science Education
İlköğretim Matematik Öğretmenliği

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904101	Introduction to Education	2+0+0	Compulsory	3
229904103	Education psychology	2+0+0	Compulsory	3
229904105	Ataturk's Principles and History of Revolution I	2+0+0	Compulsory	3
229904107	Foreign Language I	2+0+0	Compulsory	3
229904109	Turkish Language I	3+0+0	Compulsory	5
229904111	information technologies	3+0+0	Compulsory	5
229904113	Fundamentals of Mathematics I	2+0+0	Compulsory	2
229904115	Analysis I	2+0+0	Compulsory	3
229904117	History of Mathematics	2+0+0	Compulsory	3
229904119	Career planning	1+0+0	Compulsory	2
Total ECTS				32

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904102	Education psychology	2+0+0	Compulsory	3
229904104	Educational Philosophy	2+0+0	Compulsory	3
229904106	Ataturk's Firsts and History of Revolution II	2+0+0	Compulsory	3
229904108	Foreign Language II	2+0+0	Compulsory	3
229904110	Turkish Language II	3+0+0	Compulsory	5
229904112	Fundamentals of Mathematics II	2+0+0	Compulsory	4
229904114	Analysis II	2+0+0	Compulsory	4
229904116	Abstract Mathematics	2+0+0	Compulsory	5
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904201	Instructional Technologies	2+0+0	Compulsory	3
229904203	Teaching Principles and Methods	2+0+0	Compulsory	3
229904241	Approaches to Learning and Teaching Mathematics	2+0+0	Compulsory	3
229904243	Linear Algebra I	2+0+0	Compulsory	3
229904245	Analytical geometry	2+0+0	Compulsory	4
229904247	Analysis III	2+0+0	Compulsory	3
AE/I	ELECTIVE I/II.CLASS	-	Elective	4
GK/I	ELECTIVE I/I.CLASS	-	Elective	3
MB/I	ELECTIVE I/I.CLASS	-	Elective	4
Total ECTS				30

229904205	Attention Deficit Hyperactivity Disorder	2+0+0	Elective	4
229904207	Extracurricular Activities in Education	2+0+0	Elective	4
229904209	Curriculum Development in Education	2+0+0	Elective	4
229904211	Project Preparation in Education	2+0+0	Elective	4
229904213	Out of School Learning Environments	2+0+0	Elective	4
229904215	Learning Disability	2+0+0	Elective	4
229904217	Comparative Education	2+0+0	Elective	4
229904219	History and Philosophy of Science	2+0+0	Elective	3
229904221	Science and Research Ethics	2+0+0	Elective	3
229904223	Career Planning and Development	2+0+0	Elective	3
229904225	Professional English	2+0+0	Elective	3
229904227	Teaching Mathematics with Game	2+0+0	Elective	4
229904229	Computer Aided Mathematics Teaching	2+0+0	Elective	4
229904231	Activity Development in Mathematics Teaching	2+0+0	Elective	4
229904233	Material Design in Mathematics Teaching	2+0+0	Elective	4
229904235	Out-of-school Learning Environments in Teaching Mathematics	2+0+0	Elective	4
229904237	Mathematics Textbook Review	2+0+0	Elective	4
229904239	Inclusion in Mathematics Education	2+0+0	Elective	4

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904202	Turkish Education History	2+0+0	Compulsory	3

229904204	Research Methods in Education	2+0+0	Compulsory	3
229904228	Community Service Practices	1+2+0	Compulsory	3
229904244	Secondary School Mathematics Curriculum	2+0+0	Compulsory	3
229904246	Linear Algebra II	2+0+0	Compulsory	2
229904248	Algorithm and Programming	2+0+0	Compulsory	2
229904250	Possibility	2+0+0	Compulsory	3
AE/II	ELECTIVE II/II.CLASS	-	Elective	4
GK/II	ELECTIVE II/II.CLASS	-	Elective	3
MB/II	ELECTIVE II/II.CLASS	-	Elective	4

Total ECTS **30**

229904206	Learning Disabilities	2+0+0	Elective	4
229904208	Attention Deficit Hyperactivity Disorder	2+0+0	Elective	4
229904210	Extracurricular Activities in Education	2+0+0	Elective	4
229904212	Curriculum Development in Education	2+0+0	Elective	4
229904214	Project Preparation in Education	2+0+0	Elective	4
229904216	Out of School Learning Environments	2+0+0	Elective	4
229904218	Comparative Education	2+0+0	Elective	4
229904220	Professional English	2+0+0	Elective	3
229904222	History and Philosophy of Science	2+0+0	Elective	3
229904224	Science and Research Ethics	2+0+0	Elective	3
229904226	Career Planning and Development	2+0+0	Elective	3
229904230	Material Design in Mathematics Teaching	2+0+0	Elective	4
229904232	Teaching Mathematics with Game	2+0+0	Elective	4
229904234	Computer Aided Mathematics Teaching	2+0+0	Elective	4
229904236	Activity Development in Mathematics Teaching	2+0+0	Elective	4
229904238	Out-of-school Learning Environments in Teaching Mathematics	2+0+0	Elective	4
229904240	Mathematics Textbook Review	2+0+0	Elective	4
229904242	Inclusion in Mathematics Education	2+0+0	Elective	4

5.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904301	Classroom Management	2+0+0	Compulsory	3
229904303	Ethics and Ethics in Education	2+0+0	Compulsory	3
229904341	Teaching Numbers	3+0+0	Compulsory	5
229904343	Geometry and Measurement Teaching	3+0+0	Compulsory	4
229904345	Statistics	2+0+0	Compulsory	2
229904347	Algebra	2+0+0	Compulsory	2
AE/III	ELECTIVE CLASS III/III.	-	Elective	4
GK/III	ELECTIVE CLASS III/III.	-	Elective	3
MB/III	ELECTIVE CLASS III/III.	-	Elective	4

Total ECTS **30**

229904305	Project Preparation in Education	2+0+0	Elective	4
229904307	Attention Deficit Hyperactivity Disorder	2+0+0	Elective	4
229904309	Extracurricular Activities in Education	2+0+0	Elective	4
229904311	Curriculum Development in Education	2+0+0	Elective	4
229904313	Out of School Learning Environments	2+0+0	Elective	4
229904315	Learning Disability	2+0+0	Elective	4
229904317	Comparative Education	2+0+0	Elective	4
229904319	Activity Development in Mathematics Teaching	2+0+0	Elective	4
229904321	Computer Aided Mathematics Teaching	2+0+0	Elective	4
229904323	Material Design in Mathematics Teaching	2+0+0	Elective	4
229904325	Out-of-school Learning Environments in Teaching Mathematics	2+0+0	Elective	4
229904327	Teaching Mathematics with Game	2+0+0	Elective	4
229904329	Mathematics Textbook Review	2+0+0	Elective	4
229904331	Inclusion in Mathematics Education	2+0+0	Elective	4
229904333	Science and Research Ethics	2+0+0	Elective	3
229904335	History and Philosophy of Science	2+0+0	Elective	3
229904337	Career Planning and Development	2+0+0	Elective	3
229904339	Professional English	2+0+0	Elective	3

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904302	Measurement and Evaluation in Education	2+0+0	Compulsory	3
229904304	Turkish Education System and School Management	2+0+0	Compulsory	3
229904344	Mathematics Textbook Review	3+0+0	Compulsory	5
229904346	Probability and Statistics Teaching	3+0+0	Compulsory	4
229904348	Association in Mathematics Teaching	3+0+0	Compulsory	4

AE/IV	ELECTIVE CLASS IV/III	-	Elective	4
GK/IV	ELECTIVE CLASS IV/III	-	Elective	3
MB/IV	ELECTIVE CLASS IV/III	-	Elective	4

Total ECTS 30

229904306	Microteaching	2+0+0	Elective	4
229904308	Attention Deficit Hyperactivity Disorder	2+0+0	Elective	4
229904310	Extracurricular Activities in Education	2+0+0	Elective	4
229904312	Curriculum Development in Education	2+0+0	Elective	4
229904314	Project Preparation in Education	2+0+0	Elective	4
229904316	Out of School Learning Environments	2+0+0	Elective	4
229904318	Learning Disability	2+0+0	Elective	4
229904320	Comparative Education	2+0+0	Elective	4
229904322	Career Planning and Development	2+0+0	Elective	3
229904324	History and Philosophy of Science	2+0+0	Elective	3
229904326	Science and Research Ethics	2+0+0	Elective	3
229904328	Professional English	2+0+0	Elective	3
229904330	Mathematics Textbook Review	2+0+0	Elective	4
229904332	Activity Development in Mathematics Teaching	2+0+0	Elective	4
229904334	Computer Aided Mathematics Teaching	2+0+0	Elective	4
229904336	Material Design in Mathematics Teaching	2+0+0	Elective	4
229904338	Out-of-school Learning Environments in Teaching Mathematics	2+0+0	Elective	4
229904340	Teaching Mathematics with Game	2+0+0	Elective	4
229904342	Inclusion in Mathematics Education	2+0+0	Elective	4

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904401	Teaching Practice I	2+6+0	Compulsory	10
229904403	Special Education and Inclusion	2+0+0	Compulsory	3
229904433	Problem Solving in Mathematics	2+0+0	Compulsory	3
229904435	Misconceptions in Teaching Mathematics	2+0+0	Compulsory	3
229904437	Logical Reasoning	2+0+0	Compulsory	3
AE/V	ELECTIVE V/IV.CLASS	-	Elective	4
MB/V	ELECTIVE V/IV.CLASS	-	Elective	4

Total ECTS 30

229904405	Out of School Learning Environments	2+0+0	Elective	4
229904407	Attention Deficit Hyperactivity Disorder	2+0+0	Elective	4
229904409	Extracurricular Activities in Education	2+0+0	Elective	4
229904411	Curriculum Development in Education	2+0+0	Elective	4
229904413	Project Preparation in Education	2+0+0	Elective	4
229904415	Learning Disability	2+0+0	Elective	4
229904417	Comparative Education	2+0+0	Elective	4
229904419	Computer Aided Mathematics Teaching	2+0+0	Elective	4
229904421	Activity Development in Mathematics Teaching	2+0+0	Elective	4
229904423	Material Design in Mathematics Teaching	2+0+0	Elective	4
229904425	Out-of-school Learning Environments in Teaching Mathematics	2+0+0	Elective	4
229904427	Teaching Mathematics with Game	2+0+0	Elective	4
229904429	Mathematics Textbook Review	2+0+0	Elective	4
229904431	Inclusion in Mathematics Education	2+0+0	Elective	4

8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
229904402	Teaching Practice II	2+6+0	Compulsory	12
229904404	Guidance in Schools	2+0+0	Compulsory	3
229904434	Philosophy of Mathematics	2+0+0	Compulsory	3
229904436	Modeling in Mathematics Teaching	2+0+0	Compulsory	4
AE/VI	ELECTIVE VI/IV.CLASS	-	Elective	4
MB/VI	ELECTIVE VI/IV.CLASS	-	Elective	4

Total ECTS 30

229904406	Extracurricular Activities in Education	2+0+0	Elective	4
229904408	Attention Deficit Hyperactivity Disorder	2+0+0	Elective	4
229904410	Curriculum Development in Education	2+0+0	Elective	4
229904412	Project Preparation in Education	2+0+0	Elective	4
229904414	Learning Disability	2+0+0	Elective	4
229904416	Comparative Education	2+0+0	Elective	4
229904418	Out of School Learning Environments	2+0+0	Elective	4
229904420	Inclusion in Mathematics Education	2+0+0	Elective	4

229904422	Computer Aided Mathematics Teaching	2+0+0	Elective	4
229904424	Activity Development in Mathematics Teaching	2+0+0	Elective	4
229904426	Material Design in Mathematics Teaching	2+0+0	Elective	4
229904428	Out-of-school Learning Environments in Teaching Mathematics	2+0+0	Elective	4
229904430	Teaching Mathematics with Game	2+0+0	Elective	4
229904432	Mathematics Textbook Review	2+0+0	Elective	4

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