



# Adiyaman Üniversitesi

## 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
AlİT 101	History of Revolution and Ataturk' S Princip. I	2+0+0	Compulsory	3
EGK 101	INFORMATION TECHNOLOGIES	3+0+0	Compulsory	5
EMB 101	Introduction To Educational	2+0+0	Compulsory	3
EMB 105	EDUCATIONAL SOSYOLOGY	2+0+0	Compulsory	3
İMÖ 101	FUNDAMENTALS OF MATHEMATICS I	2+0+0	Compulsory	2
İMÖ 103	Analysis I	2+0+0	Compulsory	3
İMÖ 105	HİSTORY OF MATHEMATICS	2+0+0	Compulsory	3
TD 101	Turkish language I	3+0+0	Compulsory	5
YD 101	English - I	2+0+0	Compulsory	3
Total ECTS				30

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AlİT 102	History of Revolution and Ataturk' S Princip. II	2+0+0	Compulsory	3
EMB 104	EDUCATION PHILOSOPHY	2+0+0	Compulsory	3
EMB 108	Educational Psychology	2+0+0	Compulsory	3
İMÖ 102	FUNDAMENTALS OF MATHEMATICS II	2+0+0	Compulsory	4
İMÖ 104	Analysis II	2+0+0	Compulsory	4
İMÖ 106	Discrete Mathematics	2+0+0	Compulsory	5
TD 102	TURKISH LANGUAGE II	3+0+0	Compulsory	5
YD 102	English - II	2+0+0	Compulsory	3
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EMB 203	INSTRUCTIONAL TECHNOLOGIES	2+0+0	Compulsory	3
EMB 205	Teaching Principles and Methods	2+0+0	Compulsory	3
İMÖ 201	MATHEMATICS LEARNING AND TEACHING APPROACHES	2+0+0	Compulsory	3
İMÖ 203	Linear Algebra - I	2+0+0	Compulsory	3
İMÖ 205	ANALYTICAL GEOMETRY	2+0+0	Compulsory	4
İMÖ 207	Analysis - III	2+0+0	Compulsory	3
İMÖS I	DEPARTMENTAL ELECTIVE I	2+0+0	Elective	4
SGK I	GENERAL CULTURE - ELECTIVE I	2+0+0	Elective	3
SMB I	PROFESSIONAL KNOWLEDGE - ELECTIVE I	2+0+0	Elective	4
Total ECTS				30

İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Matematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SGK 001	Addiction and Fight Against Addiction	2+0+0	Elective	3
SGK 002	Nutrition and Health	2+0+0	Elective	3
SGK 003	History and Philosophy of Science	2+0+0	Elective	3
SGK 004	Science and Research Ethics	2+0+0	Elective	3
SGK 005	Economy and Entrepreneurship	2+0+0	Elective	3
SGK 006	TRADITIONAL TURKISH HANDCRAFTS	2+0+0	Elective	3
SGK 007	Human Rights and Democracy Education	2+0+0	Elective	3
SGK 008	Human Relations and Communication	2+0+0	Elective	3
SGK 009	Career Planning and Development	2+0+0	Elective	3
SGK 010	Culture and Language	2+0+0	Elective	3

SGK 011	Media Literacy	2+0+0	Elective	3
SGK 012	Professional English	2+0+0	Elective	3
SGK 013	Art and Aesthetics	2+0+0	Elective	3
SGK 014	Turkish Folk Dances	2+0+0	Elective	3
SGK 015	Turkish Sign Language	2+0+0	Elective	3
SGK 016	Turkish Cultural Geography	2+0+0	Elective	3
SGK 017	Turkish Music	2+0+0	Elective	3
SGK 018	Turkish Art History	2+0+0	Elective	3
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Antropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
SMB 009	Program Development in Education	2+0+0	Elective	4
SMB 010	Project Preparation in Education	2+0+0	Elective	4
SMB 011	Critical and Analytical Thinking	2+0+0	Elective	4
SMB 012	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
SMB 013	Inclusive Education	2+0+0	Elective	4
SMB 014	Character and Value Education	2+0+0	Elective	4
SMB 015	Comparative Education	2+0+0	Elective	4
SMB 016	Micro Teaching	2+0+0	Elective	4
SMB 017	Museum Education	2+0+0	Elective	4
SMB 018	Out of School Learning Environments	2+0+0	Elective	4
SMB 019	Learning Disability	2+0+0	Elective	4
SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4
SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4

#### 4.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EGK 202	SOCIAL SERVICE APPLICATIONS	1+2+0	Compulsory	3
EMB 204	RESEARCH METHODS IN EDUCATION	2+0+0	Compulsory	3
EMB 206	TURKISH EDUCATION HISTORY	2+0+0	Compulsory	3
İMÖ 204	SECONDARY MATHEMATICS TEACHING PROGRAMS	2+0+0	Compulsory	3
İMÖ 206	Linear Algebra - II	2+0+0	Compulsory	2
İMÖ 208	ALGORITHM AND PROGRAMMING	2+0+0	Compulsory	2
İMÖ 210	PROBABILITY	2+0+0	Compulsory	3
İMÖS II	DEPARTMENTAL ELECTIVE II	2+0+0	Elective	4
SGK II	GENERAL CULTURE - ELECTIVE II	2+0+0	Elective	3
SMB II	PROFESSIONAL KNOWLEDGE - ELECTIVE II	2+0+0	Elective	4
<b>Total ECTS</b>				<b>30</b>
İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Matematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SGK 001	Addiction and Fight Against Addiction	2+0+0	Elective	3
SGK 002	Nutrition and Health	2+0+0	Elective	3
SGK 003	History and Philosophy of Science	2+0+0	Elective	3
SGK 004	Science and Research Ethics	2+0+0	Elective	3
SGK 005	Economy and Entrepreneurship	2+0+0	Elective	3
SGK 006	TRADITIONAL TURKISH HANDCRAFTS	2+0+0	Elective	3
SGK 007	Human Rights and Democracy Education	2+0+0	Elective	3
SGK 008	Human Relations and Communication	2+0+0	Elective	3
SGK 009	Career Planning and Development	2+0+0	Elective	3
SGK 010	Culture and Language	2+0+0	Elective	3
SGK 011	Media Literacy	2+0+0	Elective	3

SGK 012	Professional English	2+0+0	Elective	3
SGK 013	Art and Aesthetics	2+0+0	Elective	3
SGK 014	Turkish Folk Dances	2+0+0	Elective	3
SGK 015	Turkish Sign Language	2+0+0	Elective	3
SGK 016	Turkish Cultural Geography	2+0+0	Elective	3
SGK 017	Turkish Music	2+0+0	Elective	3
SGK 018	Turkish Art History	2+0+0	Elective	3
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Antropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
SMB 009	Program Development in Education	2+0+0	Elective	4
SMB 010	Project Preparation in Education	2+0+0	Elective	4
SMB 011	Critical and Analytical Thinking	2+0+0	Elective	4
SMB 012	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
SMB 013	Inclusive Education	2+0+0	Elective	4
SMB 014	Character and Value Education	2+0+0	Elective	4
SMB 015	Comparative Education	2+0+0	Elective	4
SMB 016	Micro Teaching	2+0+0	Elective	4
SMB 017	Museum Education	2+0+0	Elective	4
SMB 018	Out of School Learning Environments	2+0+0	Elective	4
SMB 019	Learning Disability	2+0+0	Elective	4
SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4
SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4

#### 5.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EMB 305	ETHICS IN EDUCATION	2+0+0	Compulsory	3
EMB 307	CLASSROOM MANAGAMENT	2+0+0	Compulsory	3
İMÖ 301	TEACHING OF NUMBERS	3+0+0	Compulsory	5
İMÖ 303	GEOMETRY AND MEASUREMENT TEACHING	3+0+0	Compulsory	4
İMÖ 305	Statistics	2+0+0	Compulsory	2
İMÖ 307	Algebra	2+0+0	Compulsory	2
İMÖS III	DEPARTMENTAL ELECTIVE III	2+0+0	Elective	4
SGK III	GENERAL CULTURE - ELECTIVE III	2+0+0	Elective	3
SMB III	PROFESSIONAL KNOWLEDGE - ELECTIVE III	2+0+0	Elective	4
			<b>Total ECTS</b>	<b>30</b>
İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Matematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SGK 001	Addiction and Fight Against Addiction	2+0+0	Elective	3
SGK 002	Nutrition and Health	2+0+0	Elective	3
SGK 003	History and Philosophy of Science	2+0+0	Elective	3
SGK 004	Science and Research Ethics	2+0+0	Elective	3
SGK 005	Economy and Entrepreneurship	2+0+0	Elective	3
SGK 006	TRADITIONAL TURKISH HANDCRAFTS	2+0+0	Elective	3
SGK 007	Human Rights and Democracy Education	2+0+0	Elective	3
SGK 008	Human Relations and Communication	2+0+0	Elective	3
SGK 009	Career Planning and Development	2+0+0	Elective	3
SGK 010	Culture and Language	2+0+0	Elective	3
SGK 011	Media Literacy	2+0+0	Elective	3
SGK 012	Professional English	2+0+0	Elective	3
SGK 013	Art and Aesthetics	2+0+0	Elective	3

SGK 014	Turkish Folk Dances	2+0+0	Elective	3
SGK 015	Turkish Sign Language	2+0+0	Elective	3
SGK 016	Turkish Cultural Geography	2+0+0	Elective	3
SGK 017	Turkish Music	2+0+0	Elective	3
SGK 018	Turkish Art History	2+0+0	Elective	3
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Antropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
SMB 009	Program Development in Education	2+0+0	Elective	4
SMB 010	Project Preparation in Education	2+0+0	Elective	4
SMB 011	Critical and Analytical Thinking	2+0+0	Elective	4
SMB 012	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
SMB 013	Inclusive Education	2+0+0	Elective	4
SMB 014	Character and Value Education	2+0+0	Elective	4
SMB 015	Comparative Education	2+0+0	Elective	4
SMB 016	Micro Teaching	2+0+0	Elective	4
SMB 017	Museum Education	2+0+0	Elective	4
SMB 018	Out of School Learning Environments	2+0+0	Elective	4
SMB 019	Learning Disability	2+0+0	Elective	4
SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4
SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4

#### 6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EMB 302	TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT	2+0+0	Compulsory	3
EMB 304	MEASUREMENT AND EVALUATION IN EDUCATION	2+0+0	Compulsory	3
İMÖ 302	ALGEBRA TEACHING	3+0+0	Compulsory	5
İMÖ 304	PROBABILITY AND STATISTICS TEACHING	3+0+0	Compulsory	4
İMÖ 306	RELATIONSHIP IN MATHEMATICS TEACHING	3+0+0	Compulsory	4
İMÖS IV	DEPARTMENTAL ELECTIVE IV	2+0+0	Elective	4
SGK IV	GENERAL CULTURE - ELECTIVE IV	2+0+0	Elective	3
SMB IV	PROFESSIONAL KNOWLEDGE - ELECTIVE IV	2+0+0	Elective	4
<b>Total ECTS</b>				<b>30</b>
İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Matematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SGK 001	Addiction and Fight Against Addiction	2+0+0	Elective	3
SGK 002	Nutrition and Health	2+0+0	Elective	3
SGK 003	History and Philosophy of Science	2+0+0	Elective	3
SGK 004	Science and Research Ethics	2+0+0	Elective	3
SGK 005	Economy and Entrepreneurship	2+0+0	Elective	3
SGK 006	TRADITIONAL TURKISH HANDCRAFTS	2+0+0	Elective	3
SGK 007	Human Rights and Democracy Education	2+0+0	Elective	3
SGK 008	Human Relations and Communication	2+0+0	Elective	3
SGK 009	Career Planning and Development	2+0+0	Elective	3
SGK 010	Culture and Language	2+0+0	Elective	3
SGK 011	Media Literacy	2+0+0	Elective	3
SGK 012	Professional English	2+0+0	Elective	3
SGK 013	Art and Aesthetics	2+0+0	Elective	3
SGK 014	Turkish Folk Dances	2+0+0	Elective	3
SGK 015	Turkish Sign Language	2+0+0	Elective	3
SGK 016	Turkish Cultural Geography	2+0+0	Elective	3

SGK 017	Turkish Music	2+0+0	Elective	3
SGK 018	Turkish Art History	2+0+0	Elective	3
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Antropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
SMB 009	Program Development in Education	2+0+0	Elective	4
SMB 010	Project Preparation in Education	2+0+0	Elective	4
SMB 011	Critical and Analytical Thinking	2+0+0	Elective	4
SMB 012	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
SMB 013	Inclusive Education	2+0+0	Elective	4
SMB 014	Character and Value Education	2+0+0	Elective	4
SMB 015	Comparative Education	2+0+0	Elective	4
SMB 016	Micro Teaching	2+0+0	Elective	4
SMB 017	Museum Education	2+0+0	Elective	4
SMB 018	Out of School Learning Environments	2+0+0	Elective	4
SMB 019	Learning Disability	2+0+0	Elective	4
SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4
SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4

### 7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EMB 401	TEACHING PRACTICE I	2+6+0	Compulsory	10
EMB 405	SPECIAL EDUCATION AND INCLUSION	2+0+0	Compulsory	3
İMÖ 401	PROBLEM SOLVING IN MATHEMATICS	2+0+0	Compulsory	3
İMÖ 403	MISCONCEPTIONS IN MATHEMATICS TEACHING	2+0+0	Compulsory	3
İMÖ 405	LOGICAL EXECUTION	2+0+0	Compulsory	3
İMÖS V	DEPARTMENTAL ELECTIVE V	2+0+0	Elective	4
SMB V	PROFESSIONAL KNOWLEDGE - ELECTIVE V	2+0+0	Elective	4
			<b>Total ECTS</b>	<b>30</b>
İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Matematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Antropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
SMB 009	Program Development in Education	2+0+0	Elective	4
SMB 010	Project Preparation in Education	2+0+0	Elective	4
SMB 011	Critical and Analytical Thinking	2+0+0	Elective	4
SMB 012	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
SMB 013	Inclusive Education	2+0+0	Elective	4
SMB 014	Character and Value Education	2+0+0	Elective	4
SMB 015	Comparative Education	2+0+0	Elective	4
SMB 016	Micro Teaching	2+0+0	Elective	4
SMB 017	Museum Education	2+0+0	Elective	4
SMB 018	Out of School Learning Environments	2+0+0	Elective	4
SMB 019	Learning Disability	2+0+0	Elective	4
SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4

SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4

### 8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EMB 402	TEACHING PRACTICE II	2+6+0	Compulsory	12
EMB 404	GUIDANCE IN SCHOOLS	2+0+0	Compulsory	3
İMÖ 402	MATHEMATICS PHILOSOPHY	2+0+0	Compulsory	3
İMÖ 404	MODELING IN MATHEMATICS TEACHING	2+0+0	Compulsory	4
İMÖS VI	DEPARTMENTAL ELECTIVE VI	2+0+0	Elective	4
SMB VI	PROFESSIONAL KNOWLEDGE - ELECTIVE VI	2+0+0	Elective	4
<b>Total ECTS</b>				<b>30</b>
İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Mathematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Anthropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
SMB 009	Program Development in Education	2+0+0	Elective	4
SMB 010	Project Preparation in Education	2+0+0	Elective	4
SMB 011	Critical and Analytical Thinking	2+0+0	Elective	4
SMB 012	EDUCATION OF HOSPITALIZED CHILDREN	2+0+0	Elective	4
SMB 013	Inclusive Education	2+0+0	Elective	4
SMB 014	Character and Value Education	2+0+0	Elective	4
SMB 015	Comparative Education	2+0+0	Elective	4
SMB 016	Micro Teaching	2+0+0	Elective	4
SMB 017	Museum Education	2+0+0	Elective	4
SMB 018	Out of School Learning Environments	2+0+0	Elective	4
SMB 019	Learning Disability	2+0+0	Elective	4
SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4
SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4
<b>ELECTIVE COURSES POOL</b>				
İMÖS 001	Computer-Based Mathematics Teaching	2+0+0	Elective	4
İMÖS 002	Culture and Mathematics	2+0+0	Elective	4
İMÖS 003	Elementary Mathematics Teaching	2+0+0	Elective	4
İMÖS 004	Teaching Mathematics with Games	2+0+0	Elective	4
İMÖS 005	Applications of Inclusive Education in Mathematics Education	2+0+0	Elective	4
İMÖS 006	Self-Regulation in Mathematics Education	2+0+0	Elective	4
İMÖS 007	Development of Activities in Mathematics Teaching	2+0+0	Elective	4
İMÖS 008	Material Design in Mathematics Teaching	2+0+0	Elective	4
İMÖS 009	Out of School Learning Environments in Mathematics Teaching	2+0+0	Elective	4
İMÖS 010	Communication in Mathematics Classrooms	2+0+0	Elective	4
İMÖS 011	Teaching Mathematics to Gifted Students	2+0+0	Elective	4
İMÖS 012	Mathematics Textbook Review	2+0+0	Elective	4
İMÖS 013	EVALUATION OF CLASSROOM LEARNINGS	2+0+0	Elective	4
SGK 001	Addiction and Fight Against Addiction	2+0+0	Elective	3
SGK 002	Nutrition and Health	2+0+0	Elective	3
SGK 003	History and Philosophy of Science	2+0+0	Elective	3
SGK 004	Science and Research Ethics	2+0+0	Elective	3
SGK 005	Economy and Entrepreneurship	2+0+0	Elective	3

SGK 006	TRADITIONAL TURKISH HANDCRAFTS	2+0+0	Elective	3
SGK 007	Human Rights and Democracy Education	2+0+0	Elective	3
SGK 008	Human Relations and Communication	2+0+0	Elective	3
SGK 009	Career Planning and Development	2+0+0	Elective	3
SGK 010	Culture and Language	2+0+0	Elective	3
SGK 011	Media Literacy	2+0+0	Elective	3
SGK 012	Professional English	2+0+0	Elective	3
SGK 013	Art and Aesthetics	2+0+0	Elective	3
SGK 014	Turkish Folk Dances	2+0+0	Elective	3
SGK 015	Turkish Sign Language	2+0+0	Elective	3
SGK 016	Turkish Cultural Geography	2+0+0	Elective	3
SGK 017	Turkish Music	2+0+0	Elective	3
SGK 018	Turkish Art History	2+0+0	Elective	3
SMB 001	Open and Distance Learning	2+0+0	Elective	4
SMB 002	Child Psychology	2+0+0	Elective	4
SMB 003	Attention Deficit and Hyperactivity Disorder	2+0+0	Elective	4
SMB 004	Education Law	2+0+0	Elective	4
SMB 005	Educational Antropology	2+0+0	Elective	4
SMB 006	Education History	2+0+0	Elective	4
SMB 007	Drama in Education	2+0+0	Elective	4
SMB 008	Extracurricular Activities in Education	2+0+0	Elective	4
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SMB 020	Individualizing and Adapting Teaching	2+0+0	Elective	4
SMB 021	Sustainable Development and Education	2+0+0	Elective	4
SMB 022	Adult Education and Lifelong Learning	2+0+0	Elective	4