



Adiyaman Üniversitesi

FACULTY OF EDUCATION

DEPARTMENT OF MATHEMATICS AND SCIENCE EDUCATION

Fen Bilgisi Öğretmenliği

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AlİT 101	Atatürk's Prin. And His. Of Turkish Rev-I	2+0+0	Compulsory	3
EGK 101	INFORMATION TECHNOLOGIES	3+0+0	Compulsory	5
EMB 101	Introduction to Education	2+0+0	Compulsory	3
EMB 103	PHILOSOPHY OF EDUCATION	2+0+0	Compulsory	3
FBÖ 101	PHYSICS I	2+2+0	Compulsory	3
FBÖ 103	CHEMISTRY I	2+2+0	Compulsory	3
FBÖ 105	GENERAL MATHEMATICS I	2+0+0	Compulsory	2
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	Atatürk's Prin. And His. Of Turkish Rev-II	2+0+0	Compulsory	3
EMB 106	EDUCATIONAL SOCIOLOGY	2+0+0	Compulsory	3
EMB 108	EDUCATION PSYCHOLOGY	2+0+0	Compulsory	3
FBÖ 102	Physics - II	2+2+0	Compulsory	3
FBÖ 104	CHEMISTRY II	2+2+0	Compulsory	3
FBÖ 106	GENERAL MATHEMATICS II	2+0+0	Compulsory	3
FBÖ 108	BIOLOGY I	2+2+0	Compulsory	4
TD 102	TURKISH LANGUAGE 2	3+0+0	Compulsory	5
YD 102	FOREIGN LANGUAGE 2	2+0+0	Compulsory	3
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EMB 205	TEACHING PRINCIPLES AND METHODS	2+0+0	Compulsory	3
EMB 207	RESEARCH METHODS IN EDUCATION	2+0+0	Compulsory	3
FBÖ 201	Approaches to Learning and Teaching Science	2+0+0	Compulsory	3
FBÖ 203	BİOLOGY II	2+2+0	Compulsory	4
FBÖ 205	PHYSICS III	2+2+0	Compulsory	3
FBÖ 207	CHEMISTRY III	2+2+0	Compulsory	3
FBÖS I	DEPARTMENTAL ELECTIVE I	2+0+0	Elective	4
SGK I	GENERAL CULTURE I	2+0+0	Elective	3
SMB I	PROFESSIONAL KNOWLEDGE	2+0+0	Elective	4
Total ECTS				30

FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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	Application of Service to Society	1+2+0	Compulsory	3
EMB 206	HISTORY OF TURKISH EDUCATION	2+0+0	Compulsory	3
EMB 208	TEACHING TECHNOLOGIES	2+0+0	Compulsory	3
FBÖ 204	BIOLOGY III	2+2+0	Compulsory	4
FBÖ 206	SCIENCE EDUCATION PROGRAMS	2+0+0	Compulsory	3
FBÖ 208	EARTH SCIENCE	2+0+0	Compulsory	3
FBÖS 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

Total ECTS 30

FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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 301	Turkish Educational System and School Mngt	2+0+0	Compulsory	3
EMB 303	MEASUREMENT AND EVALUATION IN EDUCATION	2+0+0	Compulsory	3
FBÖ 301	SCIENCE TEACHING I	3+0+0	Compulsory	6
FBÖ 303	SCIENCE TEACHING LABORATORY APPLICATIONS I	1+2+0	Compulsory	4
FBÖ 305	ASTRONOMY	2+0+0	Compulsory	3
FBÖS 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
			Total ECTS	30
FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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 306	MORAL AND ETHICS IN EDUCATION	2+0+0	Compulsory	3
EMB 308	CLASSROOM MANAGEMENT	2+0+0	Compulsory	3
FBÖ 302	SCIENCE TEACHING II	3+0+0	Compulsory	6
FBÖ 304	SCIENCE TEACHING LABORATORY APPLICATIONS II	1+2+0	Compulsory	4
FBÖ 306	SCIENTIFIC REASONING SKILLS	2+0+0	Compulsory	3
FBÖS 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
Total ECTS				30

FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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	APPLIED SCHOOLTEACHING I	2+6+0	Compulsory	12
EMB 403	GUIDANCE IN SCHOOLS	2+0+0	Compulsory	3
FBÖ 401	INTERDISCIPLINARY SCIENCE TEACHING	2+0+0	Compulsory	4
FBÖ 403	ENVIRONMENTAL EDUCATION	2+0+0	Compulsory	3
FBÖS V	DEPARTMENTAL ELECTIVE V	2+0+0	Elective	4
SMB V	PROFESSIONAL KNOWLEDGE	2+0+0	Elective	4
Total ECTS				30

FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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	APPLIED SCHOOLTEACHING II	2+6+0	Compulsory	12
EMB 406	SPECIAL EDUCATION AND INCLUSION	2+0+0	Compulsory	3
FBÖ 402	OUT OF SCHOOL LEARNING ENVIRONMENTS IN SCIENCE TEACHING	2+0+0	Compulsory	4
FBÖ 404	THE NATURE AND TEACHING OF SCIENCE	2+0+0	Compulsory	3
FBÖS VI	DEPARTMENTAL ELECTIVE VI	2+0+0	Elective	4
SMB VI	PROFESSIONAL KNOWLEDGE - ELECTIVE VI	2+0+0	Elective	4
Total ECTS				30

FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4

FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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
ELECTIVE COURSES POOL				
FBÖS 001	The application of science to technology	2+0+0	Elective	4
FBÖS 002	Review of Science Coursebooks	2+0+0	Elective	4
FBÖS 003	The Misconceptions of Science Teaching	2+0+0	Elective	4
FBÖS 004	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
FBÖS 005	PROBLEMS ARISING FROM SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
FBÖS 006	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBÖS 007	CHEMICAL WASTE AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBÖS 008	EVALUATION OF CLASROOM LEARNINGS	2+0+0	Elective	4
FBÖS 009	Turkey's Biodiversity richness	2+0+0	Elective	4
FBÖS 010	RENEWABLE ENERGY SOURCES	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	Unscheduled 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
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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