



Alanya Alaaddin Keykubat Üniversitesi

FACULTY OF EDUCATION

DEPARTMENT OF MATHEMATICS AND SCIENCE EDUCATION

FEN BİLGİSİ ÖĞRETMENLİĞİ

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
ATA 101	ATATÜRK S PRINCIPLES AND REVOLUTION HISTORY 1	2+0+0	Compulsory	3
BIL 101	INFORMATION TECHNOLOGIES	3+0+0	Compulsory	5
EBB 101	INTRODUCTION TO EDUCATION	2+0+0	Compulsory	3
EBB 104	EDUCATIONAL PHILOSOPHY	2+0+0	Compulsory	3
FBO 101	PHYSICS I	2+2+0	Compulsory	3
FBO 103	CHEMISTRY 1	2+2+0	Compulsory	3
FBO 105	GENERAL MATHEMATICS 1	2+0+0	Compulsory	2
ING 101	FOREIGN LANGUAGE 1	2+0+0	Compulsory	3
TDB 101	TURKISH LANGUAGE 1	3+0+0	Compulsory	5
Total ECTS				30

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
ATA 102	ATATÜRK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2+0+0	Compulsory	3
EBB 102	EDUCATION PSYCHOLOGY	2+0+0	Compulsory	3
EBB 103	EDUCATIONAL SOCIOLOGY	2+0+0	Compulsory	3
FBO 102	PHYSICS 2	2+2+0	Compulsory	3
FBO 104	CHEMISTRY 2	2+2+0	Compulsory	3
FBO 106	BIOLOGY 1	2+2+0	Compulsory	4
FBO 108	GENERAL MATHEMATICS 2	2+0+0	Compulsory	3
ING 102	FOREIGN LANGUAGE 2	2+0+0	Compulsory	3
TDB 102	TURKISH LANGUAGE 2	3+0+0	Compulsory	5
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EBB 203	TEACHING PRINCIPLES AND METHODS	2+0+0	Compulsory	3
EBB 204	RESEARCH METHODS IN EDUCATION	2+0+0	Compulsory	3
FBO 201	BIOLOGY 2	2+2+0	Compulsory	4
FBO 203	SCIENCE LEARNING AND TEACHING APPROACHES	2+0+0	Compulsory	3
FBO 205	PHYSICS 3	2+2+0	Compulsory	3
FBO 207	CHEMISTRY 3	2+2+0	Compulsory	3
AES 1	ELECTIVE FIELD EDUCATION 1	2+0+0	Compulsory	4
GKS 1	OPTIONAL GENERAL CULTURE	2+0+0	Compulsory	3
MBS 1	ELECTIVE PROFESSIONAL KNOWLEDGE 1	2+0+0	Compulsory	4
Total ECTS				30

Course Groups

FBO 503	MISCONCEPTIONS IN TEACHING SCIENCE	2+0+0	Elective	4
GKS 501	ADDICTION AND STRUGGLING WITH ADDICTION	2+0+0	Elective	3
GKS 519	WEB 2.0 TOOLS IN EDUCATION	2+0+0	Elective	3
GKS 532	PHILOSOPHY FOR CHILDREN	2+0+0	Elective	3
MBS 511	CRITICAL AND ANALYTICAL THINKING	2+0+0	Elective	4

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EBB 201	INSTRUCTIONAL TECHNOLOGIES	2+0+0	Compulsory	3
EBB 202	TURKISH EDUCATION HISTORY	2+0+0	Compulsory	3
FBO 202	SCIENCE TEACHING CURRICULUM	2+0+0	Compulsory	3
FBO 204	BIOLOGY 3	2+2+0	Compulsory	4
FBO 206	COMMUNITY SERVICE PRACTICES	1+2+0	Compulsory	3
FBO 208	EARTH SCIENCE	2+0+0	Elective	3
AES II	ELECTIVE FIELD EDUCATION II	2+0+0	Compulsory	4
GKS II	ELECTIVE GENERAL CULTURE II	2+0+0	Compulsory	3
MBS II	ELECTIVE PROFESSIONAL KNOWLEDGE II	2+0+0	Compulsory	4
Total ECTS				30

Course Groups

FBO 507	CHEMICAL WASTES AND ENVIRONMENTAL POLLUTION	2+0+0	Elective	4
FBO 510	RENEWABLE ENERGY SOURCES	2+0+0	Elective	4
GKS 503	HISTORY AND PHILOSOPHY OF SCIENCE	2+0+0	Elective	3

MBS 510 PROJECT PREPARATION IN EDUCATION 2+0+0 Elective 4

5.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EBB 302	MEASUREMENT AND EVALUATION IN EDUCATION	2+0+0	Compulsory	3
EBB 304	TURKISH EDUCATION SYSTEM AND SCHOOL MANAGEMENT	2+0+0	Compulsory	3
FBO 301	SCIENCE TEACHING 1	3+0+0	Compulsory	6
FBO 303	SCIENCE TEACHING LABORATORY APPLICATIONS 1	1+2+0	Compulsory	4
FBO 305	ASTRONOMY	2+0+0	Compulsory	3
AES 3	ELECTIVE FIELD EDUCATION 3	2+0+0	Compulsory	4
GKS 3	ELECTIVE GENERAL CULTURE 3	2+0+0	Compulsory	3
MBS 3	SEÇMELİ MESLEK BİLGİSİ 3	2+0+0	Compulsory	4
Total ECTS				30
<i>Course Groups</i>				
FBO 506	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
FBO 509	TURKEY'S BIOLOGICAL DIVERSITY	2+0+0	Elective	4
GKS 509	CAREER PLANNING AND DEVELOPMENT	2+0+0	Elective	3
MBS 516	MICRO TEACHING	2+0+0	Elective	4
MBS 518	OUTDOOR LEARNING ENVIRONMENTS	2+0+0	Elective	4

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EBB 301	CLASSROOM MANAGEMENT	2+0+0	Compulsory	3
EBB 303	ETHICS AND MORALITY IN EDUCATION	2+0+0	Compulsory	3
FBO 302	SCIENCE TEACHING 2	3+0+0	Compulsory	6
FBO 304	SCIENCE TEACHING LABORATORY APPLICATIONS 2	1+2+0	Compulsory	4
FBO 306	SCIENTIFIC REASONING SKILLS	2+0+0	Compulsory	3
AES 4	ELECTIVE FIELD EDUCATION 4	2+0+0	Compulsory	4
GKS 4	ELECTIVE GENERAL CULTURE 4	2+0+0	Compulsory	3
MBS 4	ELECTIVE PROFESSIONAL KNOWLEDGE 4	2+0+0	Compulsory	4
Total ECTS				30
<i>Course Groups</i>				
FBO 504	MATERIAL DESIGN IN SCIENCE TEACHING	2+0+0	Elective	4
GKS 516	TURKISH CULTURE GEOGRAPHY	2+0+0	Elective	3
GKS 517	TURKISH MUSIC	2+0+0	Elective	3
MBS 501	OPEN AND DISTANCE LEARNING	2+0+0	Elective	4
MBS 507	DRAMA IN EDUCATION	2+0+0	Elective	4
MBS 508	EXTRA-CURRICULAR ACTIVITIES	2+0+0	Elective	4
MBS 515	COMPARATIVE EDUCATION	2+0+0	Elective	4

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EBB 402	COUNSELING IN SCHOOLS	2+0+0	Compulsory	3
FBO 401	TEACHING PRACTICE 1	2+6+0	Compulsory	12
FBO 403	INTERDISCIPLINARY SCIENCE TEACHING	2+0+0	Compulsory	4
FBO 405	ENVIRONMENTAL EDUCATION	2+0+0	Compulsory	3
AES 5	ELECTIVE FIELD EDUCATION 5	2+0+0	Compulsory	4
MBS 5	ELECTIVE PROFESSIONALS KNOWLEDGE 5	2+0+0	Compulsory	4
Total ECTS				30
<i>Course Groups</i>				
FBO 502	ANALYSIS OF SCIENCE TEXTBOOKS	2+0+0	Elective	4
FBO 505	PROBLEMS IN SCIENCE AND TECHNOLOGY	2+0+0	Elective	4
MBS 509	CURRICULUM DEVELOPMENT	2+0+0	Elective	4
MBS 515	COMPARATIVE EDUCATION	2+0+0	Elective	4

8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
EBB 401	SPECIAL EDUCATION AND INCLUSION	2+0+0	Compulsory	3
FBO 402	TEACHING PRACTICE 2	2+6+0	Compulsory	12
FBO 404	OUT-OF-SCHOOL LEARNING ENVIRONMENTS IN SCIENCE TEACHING	2+0+0	Compulsory	4
FBO 406	NATURE AND TEACHING OF SCIENCE	2+0+0	Compulsory	3
AES 6	ELECTIVE FIELD EDUCATION 6	2+0+0	Compulsory	4
MBS 6	ELECTIVE	2+0+0	Compulsory	4
Total ECTS				30
<i>Course Groups</i>				
FBO 508	ASSESSMENT OF LEARNING	2+0+0	Elective	4
MBS 514	CHARACTER AND VALUE EDUCATION	2+0+0	Elective	4