



2024-2025 ACADEMIC YEAR

FACULTY :FACULTY OF EDUCATION

DEPARTEMENT/ PROGRAM : MATHEMATICS AND SCIENCE EDUCATION/SCIENCE EDUCATION

I.TERM/FALL SEMESTER					II.TERM/SPRING SEMESTER						
CODE	COURSE	COURSE HOUR PER WEEK			ECTS	CODE	COURSE	COURSE HOUR PER WEEK			ECTS
		T	P	L				T	P	L	
MBZ0011	INTRODUCTION to EDUCATION	2	0	0	3	MBZ0012	PSYCHOLOGY of EDUCATION	2	0	0	3
MBZ0013	PHILOSOPHY of EDUCATION	2	0	0	3	ATA102	ATA TURK'S PRINCIPALS AND HISTORY OF REVOLUTIONS II	2	0	0	2
ATA101	ATA TURK'S PRINCIPALS AND HISTORY OF REVOLUTIONS I	2	0	0	2	TUD102	TURKISH LANGUAGE II	2	0	0	2
TUD101	TURKISH LANGUAGE I	2	0	0	2	YAD102	FOREIGN LANGUAGE II	2	0	0	2
YAD101	TURKISH LANGUAGE I	2	0	0	2	GKZ0011	INFORMATION TECHNOLOGIES	3	0	0	5
FEN1111	MATHEMATICS I	4	0	0	4	FEN1112	MATHEMATICS II	4	0	0	4
FEN1113	BIOLOGY I	4	0	0	5	FEN1114	BIOLOGY II	4	0	0	4
FEN1115	BIOLOGY LABORATORY I	0	0	2	2	FEN1116	BIOLOGY LABORATORY II	0	0	2	2
FEN1117	CHEMISTRY I	4	0	0	5	FEN1118	CHEMISTRY II	4	0	0	4
FEN1119	CHEMISTRY LABORATORY I	0	0	2	2	FEN1120	CHEMISTRY LABORATORY II	0	0	2	2
GKFEN11	CAREER PLANNING	1	0	0	1						
<b>TERM CREDITS</b>					<b>30</b>	<b>TERM CREDITS</b>					<b>30</b>

III.TERM/FALL SEMESTER					IV.TERM/SPRING SEMESTER						
CODE	COURSE	COURSE HOUR PER WEEK			ECTS	CODE	COURSE	COURSE HOUR PER WEEK			ECTS
		T	P	L				T	P	L	
MBZ0015	TEACHING METHODS AND PRINCIPLES	2	0	0	3	MBZ0016	TECHNOLOGY USAGE AND MATERIAL DESIGN IN SCIENCE EDUCATION	2	2	0	4
MBZ0017	RESEARCH METHODS IN EDUCATION	2	0	0	3	FEN2220	SCIENCE TEACHING PROGRAMS	2	0	0	3
FEN2211	CHEMISTRY III (ANALYTICAL CHEMISTRY)	2	0	0	4	FEN2212	CHEMISTRY IV (ORGANIC CHEMISTRY)	2	0	0	4
FEN2213	CHEMISTRY LABORATORY III	0	0	2	2	FEN2216	PHYSICS 2 (ELECTRIC)	4	0	0	4
FEN2215	PHYSICS I (MECHANIC)	4	0	0	4	FEN2218	PHYSICS LABORATORY 2	0	0	2	2
FEN2217	PHYSICS LABORATORY 1	0	0	2	2	FEN2214	EARTH SCIENCE	2	0	0	2
						GKZ0012	COMMUNITY SERVICES	1	2	0	3
<b>SECMELİ DERSLER</b>					<b>SECMELİ DERSLER</b>						
MBS	PROFESSIONAL KNOWLEDGE	2	0	0	4						
GKS	GENERAL KNOWLEDGE	2	0	0	4	GKS	GENERAL KNOWLEDGE	2	0	0	4
FEN	FIELD EDUCATION	2	0	0	4	FEN	FIELD EDUCATION	2	0	0	4
<b>TERM CREDITS</b>					<b>30</b>	<b>TERM CREDITS</b>					<b>30</b>

V.TERM/FALL SEMESTER					VI.TERM/SPRING SEMESTER						
CODE	COURSE	COURSE HOUR PER WEEK			ECTS	CODE	COURSE	COURSE HOUR PER WEEK			ECTS
		T	P	L				T	P	L	
MBZ0019	MORALS AND ETHICS IN EDUCATION	2	0	0	3	MBZ0020	MEASUREMENT and EVALUATION in EDUCATION	2	0	0	3
MBZ0021	TURKISH EDUCATION SYSTEM and SCHOOL ADMINISTRATION	2	0	0	3	MBZ0022	CLASSROOM MANAGEMENT	2	0	0	3
FEN3311	BIOLOGY 3	2	0	0	2	FEN3314	ENVIRONMENTAL EDUCATION	2	1	0	3
FEN3313	BIOLOGY LABORATORY 3	0	0	2	2	FEN3312	BIOLOGY IV (HUMAN ANATOMY AND PHYSIOLOGY)	2	0	0	3
FEN3317	SCIENCE EDUCATION I	2	2	0	4	FEN3316	PHYSICS IV (INTRODUCTION TO MODERN SCIENCE EDUCATION II)	2	2	0	4
FEN3319	LABORATORY APPLICATIONS in SCIENCE EDUCATION	2	2	0	3	FEN3318	LABORATORY APPLICATIONS in SCIENCE EDUCATION II	2	2	0	3
FEN3315	PHYSICS 3	2	0	0	3	FEN3320	LABORATORY APPLICATIONS in SCIENCE EDUCATION II	2	2	0	3
FEN3321	PHYSICS LABORATORY	0	0	2	2						
<b>SECMELİ DERSLER</b>					<b>SECMELİ DERSLER</b>						
MBS	PROFESSIONAL KNOWLEDGE	2	0	0	4	MBS	PROFESSIONAL KNOWLEDGE	2	0	0	4
FEN	FIELD EDUCATION	2	0	0	4	FEN	FIELD EDUCATION	2	0	0	4
<b>TERM CREDITS</b>					<b>30</b>	<b>TERM CREDITS</b>					<b>30</b>

VII.TERM/FALL SEMESTER					VIII.TERM/SPRING SEMESTER						
CODE	COURSE	COURSE HOUR PER WEEK			ECTS	CODE	COURSE	COURSE HOUR PER WEEK			ECTS
		T	P	L				T	P	L	
MBFEN01	TEACHING PRACTICE I	2	6	0	10	MBFEN02	TEACHING PRACTICE II	2	6	0	10
MBZ0019	GUIDANCE in SCHOOLS	2	0	0	3	MBZ0020	SPECIAL EDUCATION AND INCLUSION	2	0	0	3
FEN4411	INTERDISCIPLINARY SCIENCE TEACHING	2	0	0	2	FEN4412	NATURE AND TEACHING OF SCIENCE	3	0	0	3
FEN4413	PHYSICS 5 (ASTRONOMY)	2	0	0	3	FEN4414	OUTDOOR LEARNING ENVIRONMENT IN SCIENCE EDUCATION	2	0	0	2
<b>SECMELİ DERSLER</b>					<b>SECMELİ DERSLER</b>						
MBS	PROFESSIONAL KNOWLEDGE	2	0	0	4	MBS	PROFESSIONAL KNOWLEDGE	2	0	0	4
AE	FIELD EDUCATION	2	0	0	4	AE	FIELD EDUCATION	2	0	0	4
GKS	GENERAL KNOWLEDGE	2	0	0	4	GKS	GENERAL KNOWLEDGE	2	0	0	4
<b>TERM CREDITS</b>					<b>30</b>	<b>TERM CREDITS</b>					<b>30</b>

Tarih :22.04.2024  
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