BURSA ULUDAĞ UNIVERSITY
CURRICULUM FORM-2
ELECTIVE COURSES LIST

2024-2025 ACADEMIC YEAR

FR 1.1.1_01

FACULTY :FACULTY OF EDUCATION

DEPARTMENT/PROGRAM :MATHEMATICS AND SCIENCE EDUCATION/MATHEMATICS EDUCATION

I.TERM/FALL SEMESTER						II.TERM/SPRING SEMESTER					
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS

III.TERM/FALL SEMESTER						IV.TERM/SPRING SEMESTER					
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS
	PROFESSIONAL KNOWLEDGE						**PROFESSIONAL KNOWLEDGE**				
MBS0001	OPEN AND DISTANCE LEARNING	2	0	0	4	MBS0001	OPEN AND DISTANCE LEARNING	2	0	0	4
MBS0002	CHILD PSYCHOLOGY	2	0	0	4	MBS0002	CHILD PSYCHOLOGY	2	0	0	4
MBS0003	ATTENTION DEFICIT AND HYPERACTIVITY DISORDER	2	0	0	4	MBS0003	ATTENTION DEFICIT AND HYPERACTIVITY DISORDER	2	0	0	4
MBS0004	EDUCATION LAW	2	0	0	4	MBS0004	EDUCATION LAW	2	0	0	4
MBS0005	ANTHROPOLOGY OF EDUCATION	2	0	0	4	MBS0005	ANTHROPOLOGY OF EDUCATION	2	0	0	4
MBS0006	HISTORY OF EDUCATION	2	0	0	4	MBS0006	HISTORY OF EDUCATION	2	0	0	4
MBS0007	DRAMA IN EDUCATION	2	0	0	4	MBS0007	DRAMA IN EDUCATION	2	0	0	4
MBS0008	EXTRA-CURRICULAR ACTIVITIES IN EDUCATION	2	0	0	4	MBS0008	EXTRA-CURRICULAR ACTIVITIES IN EDUCATION	2	0	0	4
MBS0009	PROGRAM DEVELOPMENT IN EDUCATION	2	0	0	4	MBS0009	PROGRAM DEVELOPMENT IN EDUCATION	2	0	0	4
MBS0010	PROJECT DEVELOPMENT IN EDUCATION	2	0	0	4	MBS0010	PROJECT DEVELOPMENT IN EDUCATION	2	0	0	4
MBS0011	CRITICAL AND ANALYTICAL THINKING	2	0	0	4	MBS0011	CRITICAL AND ANALYTICAL THINKING	2	0	0	4
MBS0012	EDUCATION OF HOSPITALIZED CHILDREN	2	0	0	4	MBS0012	EDUCATION OF HOSPITALIZED CHILDREN	2	0	0	4
MBS0013	INCLUSIVE EDUCATION	2	0	0	4	MBS0013	INCLUSIVE EDUCATION	2	0	0	4
MBS0014	CHARACTER AND VALUES EDUCATION	2	0	0	4	MBS0014	CHARACTER AND VALUES EDUCATION	2	0	0	4
MBS0015	COMPARATIVE EDUCATION	2	0	0	4	MBS0015	COMPARATIVE EDUCATION	2	0	0	4
MBS0016	MICRO TEACHING	2	0	0	4	MBS0016	MICRO TEACHING	2	0	0	4
MBS0017	MUSEUM EDUCATION	2	0	0	4	MBS0017	MUSEUM EDUCATION	2	0	0	4
MBS0018	OUT OF SCHOOL LEARNING ENVIRONMENTS	2	0	0	4	MBS0018	OUT OF SCHOOL LEARNING ENVIRONMENTS	2	0	0	4
MBS0019	LEARNING DIFFICULTIES	2	0	0	4	MBS0019	LEARNING DIFFICULTIES	2	0	0	4
MBS0020	INDIVIDUALIZATION AND ADAPTATION OF LEARNING	2	0	0	4	MBS0020	INDIVIDUALIZATION AND ADAPTATION OF LEARNING	2	0	0	4
MBS0021	SUSTAINABLE DEVELOPMENT AND EDUCATION	2	0	0	4	MBS0021	SUSTAINABLE DEVELOPMENT AND EDUCATION	2	0	0	4
MBS0022	ADULT EDUCATION AND LIFELONG LEARNING	2	0	0	4	MBS0022	ADULT EDUCATION AND LIFELONG LEARNING	2	0	0	4
	GENERAL KNOWLEDGE						**GENERAL KNOWLEDGE**				
GKS0001	ADDICTION AND FIGHT AGAINST ADDICTION	2	0	0	4						
GKS0002	NUTRITION AND HEALTH	2	0	0	4						
GKS0003	HISTORY AND PHILOSOPHY OF SCIENCE	2	0	0	4						
GKS0004	ETHICS OF SCIENCE AND RESEARCH	2	0	0	4						
GKS0005	ECONOMICS AND ENTREPRENEURSHIP	2	0	0	4						
GKS0006	TRADITIONAL TURKISH ARTS AND CRAFTS	2	0	0	4						
GKS0007	HUMAN RIGHTS AND DEMOCRACY EDUCATION	2	0	0	4						
GKS0008	HUMAN RELATIONS AND COMMUNICATION	2	0	0	4						
GKS0009	CAREER PLANNING AND DEVELOPMENT	2	0	0	4						
GKS0010	CULTURE AND LANGUAGE	2	0	0	4						
GKS0011	MEDIA LITERACY	2	0	0	4						
GKS0012	VOCATIONAL ENGLISH	2	0	0	4						
GKS0013	ARTS AND AESTHETICS	2	0	0	4						
GKS0014	TURKISH FOLK DANCES	2	0	0	4						
GKS0015	TURKISH SIGN LANGUAGE	2	0	0	4						
GKS0016	TURKISH CULTURAL GEOGRAPHY	2	0	0	4						
GKS0017	TRADITIONAL TURKISH MUSIC	2	0	0	4						
GKS0018	HISTORY OF TURKISH ARTS	2	0	0	4						
	FIELD EDUCATION						**FIELD EDUCATION**				
İMÖ0001	COMPUTER AIDED MATHEMATICS TEACHING	2	0	0	4	İMÖ0001	COMPUTER AIDED MATHEMATICS TEACHING	2	0	0	4
İMÖ0002	DEVELOPING EFFICIENCY IN MATHEMATICS TEACHING	2	0	0	4	İMÖ0002	DEVELOPING EFFICIENCY IN MATHEMATICS TEACHING	2	0	0	4
İMÖ0003	MATERIAL DESIGN IN MATHEMATICS TEACHING	2	0	0	4	İMÖ0003	MATERIAL DESIGN IN MATHEMATICS TEACHING	2	0	0	4
İMÖ0004	ELEMENTARY MATHEMATICS TEACHING	2	0	0	4	İMÖ0004	ELEMENTARY MATHEMATICS TEACHING	2	0	0	4
İMÖ0005	EVALUATION OF CLASSROOM LEARNING	2	0	0	4	İMÖ0005	EVALUATION OF CLASSROOM LEARNING	2	0	0	4
İMÖ0006	MATHEMATICS TEACHING WITH GAME	2	0	0	4	İMÖ0006	MATHEMATICS TEACHING WITH GAME	2	0	0	4
İMÖ0007	CULTURE AND MATHEMATICS	2	0	0	4	İMÖ0007	CULTURE AND MATHEMATICS	2	0	0	4
İMÖ0008	MATHEMATICS COURSE BOOK REVIEW	2	0	0	4	İMÖ0008	MATHEMATICS COURSE BOOK REVIEW	2	0	0	4
İMÖ0009	EVALUATION OF CLASS INTERNAL LEARNING	2	0	0	4	İMÖ0009	EVALUATION OF CLASS INTERNAL LEARNING	2	0	0	4
İMÖ0010	NON-SCHOOL LEARNING ENVIRONMENTS IN MATHEMATICS EDUCATI	2	0	0	4	İMÖ0010	NON-SCHOOL LEARNING ENVIRONMENTS IN MATHEMATICS EDUCA	2	0	0	4
İMÖ0011	MATHEMATICS TEACHING FOR SUPERIOR TALENTED STUDENTS	2	0	0	4	İMÖ0011	MATHEMATICS TEACHING FOR SUPERIOR TALENTED STUDENTS	2	0	0	4
İMÖ0012	INCLUSIVE APPLICATIONS IN MATHEMATICS EDUCATION	2	0	0	4	İMÖ0012	INCLUSIVE APPLICATIONS IN MATHEMATICS EDUCATION	2	0	0	4
İMÖ0013	MATHEMATICAL LITERACY	2	0	0	4	İMÖ0013	MATHEMATICAL LITERACY	2	0	0	4
İMÖ0014	COMPUTER AIDED GEOMETRY TEACHING	2	0	0	4	İMÖ0014	COMPUTER AIDED GEOMETRY TEACHING	2	0	0	4
İMÖ0015	LINEAR ALGEBRA APPLICATIONS	2	0	0	4	İMÖ0015	LINEAR ALGEBRA APPLICATIONS	2	0	0	4
İMÖ0016	ANALYTICAL GEOMETRY APPLICATIONS	2	0	0	4	İMÖ0016	ANALYTICAL GEOMETRY APPLICATIONS	2	0	0	4
İMÖ0017	MATHEMATICAL COMPETENCES AND THEIR DEVELOPMENT IN THE TEACHING PROCESS	2	0	0	4	İMÖ0017	MATHEMATICAL COMPETENCES AND THEIR DEVELOPMENT IN THE TEACHING PROCESS	2	0	0	4
İMÖ0018	GRAPHIC LITERACY	2	0	0	4	İMÖ0018	GRAPHIC LITERACY	2	0	0	4
İMÖ0019	LEARNING OBJECTS	2	0	0	4	İMÖ0019	LEARNING OBJECTS	2	0	0	4
İMÖ0020	LOGICAL REASONING	2	0	0	4	İMÖ0020	LOGICAL REASONING	2	0	0	4
İMÖ0021	EVIDENCE and CONFIRMATION	2	0	0	4	İMÖ0021	EVIDENCE and CONFIRMATION	2	0	0	4
İMÖ0022	PROBLEM SETTING IN MATHEMATICS	2	0	0	4	İMÖ0022	PROBLEM SETTING IN MATHEMATICS	2	0	0	4
İMÖ0023	GEOMETRIC THINKING	2	0	0	4	İMÖ0023	GEOMETRIC THINKING	2	0	0	4
İMÖ0024	AFFECTİVE VARİABLES, METACOGNİTİON AND SELF-REGULATİON İN MATHEMATİCS EDUCATİON	2	0	0	4	İMÖ0024	AFFECTİVE VARİABLES, METACOGNİTİON AND SELF-REGULATİON İN MATHEMATİCS EDUCATİON	2	0	0	4
İMÖ0025	STATISTICS APPLICATIONS IN MATHEMATICS EDUCATION	2	0	0	4	İMÖ0025	STATISTICS APPLICATIONS IN MATHEMATICS EDUCATION	2	0	0	4
İMÖ0026	ROBOTIC CODING IN MATHEMATICS EDUCATION	2	0	0	4	İMÖ0026	ROBOTIC CODING IN MATHEMATICS EDUCATION	2	0	0	4
FEN0122	STEM PROJECT I (DESIGN)	2	0	0	4	FEN0122	STEM PROJECT I (DESIGN)	2	0	0	4
FEN0123	STEM PROJECT II	2	0	0	4	FEN0123	STEM PROJECT II	2	0	0	4
İMÖ0027	COMPUTATIONAL THINKING	2	0	0	4	İMÖ0027	COMPUTATIONAL THINKING	2	0	0	4
İMÖ0028	LESSON PLAN PREPARATION AND APPLICATIONS IN MATHEMATICS TEACHING	2	0	0	4	İMÖ0028	LESSON PLAN PREPARATION AND APPLICATIONS IN MATHEMATICS TEACHING	2	0	0	4

V.TERM/FALL SEMESTER						VI.TERM/SPRING SEMESTER					
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS
	PROFESSIONAL KNOWLEDGE						**PROFESSIONAL KNOWLEDGE**				
MBS0001	OPEN AND DISTANCE LEARNING	2	0	0	4	MBS0001	OPEN AND DISTANCE LEARNING	2	0	0	4