

BURSA ULUDAĞ UNIVERSITY
2019-2020 ACADEMIC YEAR
CURRICULUM

FAKÜLTE: SCIENCE and ARTS
BÖLÜM : MATHEMATICS

I.TERM/FALL SEMESTER						II.TERM/SPRING SEMESTER					
		COURSE HOUR PER WEEK						COURSE HOUR PER WEEK			
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS
ATA101	ATATURK'S PRINCIPALS and HISTORY of REVOLUTIONS I	2			2	ATA102	ATATURK'S PRINCIPALS and HISTORY of REVOLUTIONS II	2			2
TUD101	TURKISH LANGUAGE I	2			2	TUD102	TURKISH LANGUAGE II	2			2
YAD101	FOREIGN LANGUAGE I	2			2	YAD102	FOREIGN LANGUAGE II (ENGLISH II)	2			2
YAD111	FOREIGN LANGUAGE I	2			2	YAD112	FOREIGN LANGUAGE II (GERMAN II)	2			2
YAD121	FOREIGN LANGUAGE I	2			2	YAD122	FOREIGN LANGUAGE II (FRENCH II)	2			2
MAT1001	ANALYSIS I	4	2	0	8	MAT1002	ANALYSIS II	4	2	0	8
MAT1003	LINEAR ALGEBRA I	3	2	0	7	MAT1004	LINEAR ALGEBRA II	3	2	0	7
MAT1005	ABSTRACT MATHEMATICS I	3	0	0	5	MAT1006	ABSTRACT MATHEMATICS II	3	0	0	5
BMB1007	INTRODUCTION TO COMPUTER PROGRAMMING	2	0	2	6	BMB1008	MATHEMATICS with COMPUTER	2	2	0	4
	ELECTIVE COURSES						ELECTIVE COURSES				
	FIELD COURSE						FIELD COURSE				
	NON-FIELD COURSE						NON-FIELD COURSE				
	TERM CREDITS				32		TERM CREDITS				30
III.TERM/FALL SEMESTER						IV.TERM/SPRING SEMESTER					
		COURSE HOUR PER WEEK						COURSE HOUR PER WEEK			
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS
MAT2001	ANALYSIS III	4	2	0	10	MAT2002	ANALYSIS IV	4	2	0	10
MAT2013	ANALYTIC GEOMETRY I	2	2	0	4	MAT2014	ANALYTIC GEOMETRY II	2	2	0	4
MAT2015	DIFFERENTIAL EQUATIONS I	2	2	0	4	MAT2016	DIFFERENTIAL EQUATIONS II	2	2	0	4
MAT2017	PROBABILITY and STATISTICS	2	2	0	4	FZK2074	INTRODUCTION to PHYSICS II	3	0	0	4
FZK2073	INTRODUCTION to PHYSICS I	3	0	0	4						
	ELECTIVE COURSES						ELECTIVE COURSES				
	NON-FIELD COURSE	3	0	0	4		FIELD COURSE	3	0	0	4
							NON-FIELD COURSE	3	0	0	4
	TERM CREDITS				30		TERM CREDITS				30
V.TERM/FALL SEMESTER						VI.TERM/SPRING SEMESTER					
		COURSE HOUR PER WEEK						COURSE HOUR PER WEEK			
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS
MAT3011	COMPLEX FUNCTIONS THEORY I	2	2	0	7	MAT3012	COMPLEX FUNCTIONS THEORY II	2	2	0	7
MAT3019	NUMBER THEORY	2	2	0	6	MAT3020	ABSTRACT ALGEBRA	2	2	0	6
MAT3015	DIFFERENTIAL GEOMETRY I	2	2	0	6	MAT3016	DIFFERENTIAL GEOMETRY II	2	2	0	6
MAT3017	PARTIAL DIFFERENTIAL EQUA	2	2	0	6	MAT3018	TOPOLOGY	2	2	0	6
	ELECTIVE COURSES						ELECTIVE COURSES				
	FIELD COURSE	3	0	0	5		FIELD COURSE	3	0	0	5
	NON-FIELD COURSE						NON-FIELD COURSE				
	TERM CREDITS				30		TERM CREDITS				30
VII.TERM/FALL SEMESTER						VIII.TERM/SPRING SEMESTER					
		COURSE HOUR PER WEEK						COURSE HOUR PER WEEK			
CODE	COURSE	T	A	L	ECTS	CODE	COURSE	T	A	L	ECTS
MAT4003	AXIOMATIC GEOMETRY	2	2	0	7						
MAT4021	FUNCTIONAL ANALYSIS	2	2	0	8						
	ELECTIVE COURSES						ELECTIVE COURSES				
	FIELD COURSE	9	0	0	15		FIELD COURSE	15	0	0	30
	NON-FIELD COURSE						NON-FIELD COURSE				
	TERM CREDITS				30		TERM CREDITS				30