ULUDAĞ UNIVERSITY
2016-2017 ACADEMIC YEAR
CURRICULUM

FAKÜLTE: SCIENCE and ARTS
BÖLÜM : MATHEMATICS

I.TERM/FALL SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
ATA101	ATATURK'S PRINCIPALS and HISTORY of REVOLUTIONS I	2			2	2
TUD101	TURKISH LANGUAGE I	2			2	2
YAD101	FOREIGN LANGUAGE I (ENGLISH I)	2			2	2
YAD111	FOREIGN LANGUAGE I (GERMAN I)	2			2	2
YAD121	FOREIGN LANGUAGE I (FRENCH I)	2			2	2
MAT1001	ANALYSIS I	4	2	0	5	8
MAT1003	LINEAR ALGEBRA I	3	2	0	4	7
MAT1005	ABSTRACT MATHEMATICS I	3	0	0	3	5
MAT1007	INTRODUCTION TO COMPUTER PROGRAMMING	2	2	0	3	4
	ELECTIVE COURSES					
	FIELD COURSE					
	NON-FIELD COURSE					
	TERM CREDITS				**21**	**30**

II.TERM/SPRING SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
ATA102	ATATURK'S PRINCIPALS and HISTORY of REVOLUTIONS II	2			2	2
TUD102	TURKISH LANGUAGE II	2			2	2
YAD102	FOREIGN LANGUAGE II (ENGLISH II)	2			2	2
YAD112	FOREIGN LANGUAGE II (GERMAN II)	2			2	2
YAD122	FOREIGN LANGUAGE II (FRENCH II)	2			2	2
MAT1002	ANALYSIS II	4	2	0	5	8
MAT1004	LINEAR ALGEBRA II	3	2	0	4	7
MAT1006	ABSTRACT MATHEMATICS II	3	0	0	3	5
MAT1008	MATHEMATICS with COMPUTER	2	2	0	3	4
	ELECTIVE COURSES					
	FIELD COURSE					
	NON-FIELD COURSE					
	TERM CREDITS				**21**	**30**

III.TERM/FALL SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
MAT2001	ANALYSIS III	4	2	0	5	10
MAT2013	ANALYTIC GEOMETRY I	2	2	0	3	4
MAT2015	DIFFERENTIAL EQUATIONS I	2	2	0	3	4
MAT2017	PROBABILTY and STATISTICS	2	2	0	3	4
FZK2073	INTRODUCTION to PHYSICS I	3	0	0	3	4
	ELECTIVE COURSES					
	NON-FIELD COURSE	3	0	0	3	4
	TERM CREDITS				**20**	**30**

IV.TERM/SPRING SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
MAT2002	ANALYSIS IV	4	2	0	5	10
MAT2014	ANALYTIC GEOMETRY II	2	2	0	3	4
MAT2016	DIFFERENTIAL EQUATIONS II	2	2	0	3	4
FZK2074	INTRODUCTION to PHYSICS II	3	0	0	3	4
	ELECTIVE COURSES					
	FIELD COURSE	3	0	0	3	4
	NON-FIELD COURSE	3	0	0	3	4
	TERM CREDITS				**22**	**30**

V.TERM/FALL SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
MAT3011	COMPLEX FUNCTIONS THEORY I	2	2	0	3	7
MAT3019	NUMBER THEORY	2	2	0	3	6
MAT3015	DIFFERENTIAL GEOMETRY I	2	2	0	3	6
MAT3017	PARTIAL DIFFERANTIAL EQUATIONS	2	2	0	3	6
	ELECTIVE COURSES					
	FIELD COURSE	3	0	0	3	5
	NON-FIELD COURSE					
	TERM CREDITS				**15**	**30**

VI.TERM/SPRING SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
MAT3012	COMPLEX FUNCTIONS THEORY II	2	2	0	3	7
MAT3020	ABSTRACT ALGEBRA	2	2	0	3	6
MAT3016	DIFFERENTIAL GEOMETRY II	2	2	0	3	6
MAT3018	TOPOLOGY	2	2	0	3	6
	ELECTIVE COURSES					
	FIELD COURSE	3	0	0	3	5
	NON-FIELD COURSE					
	TERM CREDITS				**15**	**30**

VII.TERM/FALL SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
MAT4003	AXIOMATIC GEOMETRY	2	2	0	3	7
MAT4021	FUNCTIONAL ANALYSIS	2	2	0	3	8
	ELECTIVE COURSES					
	FIELD COURSE	9	0	0	9	15
	NON-FIELD COURSE					
	TERM CREDITS				**15**	**30**

VIII.TERM/SPRING SEMESTER

CODE	COURSE	T	A	L	CREDIT	ECTS
	ELECTIVE COURSES					
	FIELD COURSE	15	0	0	15	30
	NON-FIELD COURSE					
	TERM CREDITS				**15**	**30**