AFYON KOCATEPE UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF MATHEMATICS

DOCTOR OF PHILOSOPHY (PhD) PROGRAM

FIRST YEAR

COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*				
	FIRST SEMESTER						
			TH	AP	TO	CR	EC
MAT-6501	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6601	THESIS PREPARATION	C	0	1	1	0	1
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
T O T A L			20	1	21	12	30

COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*				
	SECOND SEMESTER						
			TH	AP	TO	CR	EC
MAT-6502	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6602	THESIS PREPARATION	C	0	1	1	0	1
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
T O T A L			20	1	21	12	30

* C : COMPULSORY - E : ELECTIVE - TH: THEORY - AP: APPLICATION - TO: TOTAL - CR: CREDIT - EC:ECTS

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SECOND YEAR

THIRD SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
MAT-6503	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6603	THESIS PREPARATION	C	0	1	1	0	1
MAT-6701	SEMINAR	C	0	2	2	0	5
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
	ELECTIVE COURSE	E	3	0	3	3	5
T O T A L			17	3	20	9	30

FOURTH SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
MAT-6504	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6604	THESIS	C	0	1	1	0	21
T O T A L			8	1	9	0	30

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THIRD YEAR

FIFTH SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
MAT-6505	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6605	THESIS	C	0	1	1	0	21
T O T A L			**8**	**1**	**9**	**0**	**30**

SIXTH SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
MAT-6506	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6606	THESIS	C	0	1	1	0	21
T O T A L			**8**	**1**	**9**	**0**	**30**

FOURTH YEAR

SEVENTH SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
MAT-6507	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6607	THESIS	C	0	1	1	0	21
T O T A L			**8**	**1**	**9**	**0**	**30**

EIGHTH SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
MAT-6508	DIRECTED FIELD STUDIES	C	8	0	8	0	9
MAT-6608	THESIS	C	0	1	1	0	21
T O T A L			**8**	**1**	**9**	**0**	**30**

ELECTIVE COURSES

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COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*				
			TH	AP	TO	CR	EC
FBE-5001	SCIENTIFIC RESEARCH AND METHODS	C	3	0	3	3	5
MAT-6001	DISTRUBUTION THEORY AND FOURIER TRANSFORMATIONS I	E	3	0	3	3	5
MAT-6002	DISTRUBUTION THEORY AND FOURIER TRANSFORMATIONS II	E	3	0	3	3	5
MAT-6003	SEMI-RIEMANNIAN GEOMETRY I	E	3	0	3	3	5
MAT-6004	SEMI-RIEMANNIAN GEOMETRY II	E	3	0	3	3	5
MAT-6005	ANALYTIC HYPERBOLIC GEOMETRY I	E	3	0	3	3	5
MAT-6006	ANALYTIC HYPERBOLIC GEOMETRY II	E	3	0	3	3	5
MAT-6007	WEB GEOMETRY I	E	3	0	3	3	5
MAT-6008	WEB GEOMETRY II	E	3	0	3	3	5
MAT-6009	METRIC GEOMETRY I	E	3	0	3	3	5
MAT-6010	METRIC GEOMETRY II	E	3	0	3	3	5
MAT-6011	DIFFERENTIABLE MANIFOLDS I	E	3	0	3	3	5
MAT-6012	DIFFERENTIABLE MANIFOLDS II	E	3	0	3	3	5
MAT-6013	MATRIX ANALYSIS I	E	3	0	3	3	5
MAT-6014	MATRIX ANALYSIS II	E	3	0	3	3	5
MAT-6015	ADVANCED FUNCTIONAL ANALYSIS I	E	3	0	3	3	5
MAT-6016	ADVANCED FUNCTIONAL ANALYSIS II	E	3	0	3	3	5
MAT-6017	PARTIAL DIFFERENTIAL EQUATIONS I	E	3	0	3	3	5
MAT-6018	PARTIAL DIFFERENTIAL EQUATIONS I	E	3	0	3	3	5
MAT-6019	BEHAVIOUR OF SOLUTONS OF DIFFERENCE EQUATIONS I	E	3	0	3	3	5
MAT-6020	BEHAVIOUR OF SOLUTONS OF DIFFERENCE EQUATIONS II	E	3	0	3	3	5
MAT-6021	QUADRATIC PLANE GEOMETRY I	E	3	0	3	3	5
MAT-6022	QUADRATIC PLANE GEOMETRY II	E	3	0	3	3	5
MAT-6023	SEQUENCE SPACES AND SUMMABILITY I	E	3	0	3	3	5
MAT-6024	SEQUENCE SPACES AND SUMMABILITY II	E	3	0	3	3	5
MAT-6025	DIVERGENT SERIES I	E	3	0	3	3	5
MAT-6026	DIVERGENT SERIES II	E	3	0	3	3	5
MAT-6027	MODULE THEORY I	E	3	0	3	3	5
MAT-6028	MODULE THEORY II	E	3	0	3	3	5
MAT-6029	FUNCTIONS OF COMPLEX VARIABLE I	E	3	0	3	3	5
MAT-6030	FUNCTIONS OF COMPLEX VARIABLE II	E	3	0	3	3	5
MAT-6031	POTENTIAL THEORY IN EUCLIDIAN SPACES I	E	3	0	3	3	5

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MAT-6032	POTENTIAL THEORY IN EUCLIDIAN SPACES II	E	3	0	3	3	5
MAT-6033	COMPACT PROJECTIVE PLANES I	E	3	0	3	3	5
MAT-6034	COMPACT PROJECTIVE PLANES II	E	3	0	3	3	5
MAT-6035	INTEGRAL EQUATIONS I	E	3	0	3	3	5
MAT-6036	INTEGRAL EQUATIONS II	E	3	0	3	3	5
MAT-6037	ALGEBRA I	E	3	0	3	3	5
MAT-6038	ALGEBRA II	E	3	0	3	3	5
MAT-6039	FUNCTIONAL ANALYSIS METHODS IN SUMMABILITY THEORY I	E	3	0	3	3	5
MAT-6040	OSCILLATION OF DYNAMIC EQUATIONS ON TIME SCALES I	E	3	0	3	3	5
MAT-6041	OSCILLATION OF DYNAMIC EQUATIONS ON TIME SCALES II	E	3	0	3	3	5
MAT-6042	INTEGRAL EQUATIONS I	E	3	0	3	3	5
MAT-6043	INTEGRAL EQUATIONS II	E	3	0	3	3	5
MAT-6044	REIMANNIAN GEOMETRY OF CONTACT AND SYMPLETIC MANIFOLDS I	E	3	0	3	3	5
MAT-6045	REIMANNIAN GEOMETRY OF CONTACT AND SYMPLETIC MANIFOLDS II	E	3	0	3	3	5
MAT-6046	QUATERNIONS AND QUETERNION MATRICES I	E	3	0	3	3	5
MAT-6047	QUATERNIONS AND QUETERNION MATRICES II	E	3	0	3	3	5
MAT-6048	HYPERBOLIC GEOMETRY I	E	3	0	3	3	5
MAT-6049	HYPERBOLIC GEOMETRY II	E	3	0	3	3	5
MAT-6050	MATRİX TRANSFORMATİON ON SEQUENCE SPACES I	E	3	0	3	3	5
MAT-6051	MATRİX TRANSFORMATİON ON SEQUENCE SPACES II	E	3	0	3	3	5
MAT-6052	GEOMETRY OF REAL INNER PRODUET SPACES I	E	3	0	3	3	5
MAT-6053	GEOMETRY OF REAL INNER PRODUET SPACES II	E	3	0	3	3	5
MAT-6054	NEW SEQUENCE SPACES DEFİNED BY MATRİCES I	E	3	0	3	3	5
MAT-6055	NEW SEQUENCE SPACES DEFİNED BY MATRİCES II	E	3	0	3	3	5
EGT-6001	DEVELOPMENT AND LEARNING	E	3	0	3	3	5
EGT-6002	INSTRUCTIONAL PLANNING AND EVALUATION	E	3	0	3	3	5

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