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

MASTER (MSc) PROGRAM

FIRST YEAR

FIRST SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
BIL-5501	DIRECTED FIELD STUDIES	C	8	0	8	0	9
BIL-5601	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

SECOND SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
BIL-5502	DIRECTED FIELD STUDIES	C	8	0	8	0	9
BIL-5602	THESIS PREPARATION	C	0	1	1	0	1
BIL-5701	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

* 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**
BIL-5503	DIRECTED FIELD STUDIES	C	8	0	8	0	9
BIL-5603	THESIS	C	0	1	1	0	21
T O T A L			**8**	**1**	**9**	**0**	**30**

FOURTH SEMESTER							
COURSE CODE	**COURSE NAME**	**C/E**	**COURSE CREDIT***				
			TH	**AP**	**TO**	**CR**	**EC**
BIL-5504	DIRECTED FIELD STUDIES	C	8	0	8	0	9
BIL-5604	THESIS	C	0	1	1	0	21
T O T A L			**8**	**1**	**9**	**0**	**30**

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ELECTIVE COURSES

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
BIL-5001	OPERATING SYSTEMS	E	3	0	3	3	5
BIL-5002	COMPUTER AIDED DESIGN AND MODELLING	E	3	0	3	3	5
BIL-5003	MULTIMEDIA APPLICATIONS	E	3	0	3	3	5
BIL-5004	SOFTWARE ENGINEERING I	E	3	0	3	3	5
BIL-5005	SOFTWARE ENGINEERING -II	E	3	0	3	3	5
BIL-5006	E- COMMERCIAL	E	3	0	3	3	5
BIL-5007	INTERNET BASED DISTANCE LEARNING	E	3	0	3	3	5
BIL-5008	DATA COMMUNICATION AND NETWORK SYSTEMS	E	3	0	3	3	5
BIL-5009	DESIGN OF TRAINING SOFTWARE	E	3	0	3	3	5
BIL-5010	PRINCIPLES OF DESIGN AND APPLICATIONS OF WEB BASED EDUCATION	E	3	0	3	3	5
BIL-5011	DATA MINING	E	3	0	3	3	5
BIL-5012	IMAGE PROCESSING TECHNIQUES	E	3	0	3	3	5
BIL-5013	ARTIFICIAL NEURAL NETWORK	E	3	0	3	3	5
BIL-5014	DATA STRUCTURES AND ALGORITHMS	E	3	0	3	3	5
BIL-5015	FUZZY LOGIC CONTROLLERS	E	3	0	3	3	5
BIL-5016	APPLICATION OF FUZZY LOGIC CONTROLLER	E	3	0	3	3	5
BIL-5017	COMPUTER HARDWARE	E	3	0	3	3	5
BIL-5018	DIGITAL ELECTRONIC	E	3	0	3	3	5
BIL-5019	DIGITAL SIGNAL PROCCESSING	E	3	0	3	3	5
BIL-5020	DESKTOP PUBLISHING	E	3	0	3	3	5
BIL-5021	DISCRETE TIME CONTROL SYSTEM	E	3	0	3	3	5
BIL-5022	OBJECT ORIENTED PROGRAMMING	E	3	0	3	3	5
BIL-5023	MICROCONTROLLER	E	3	0	3	3	5
BIL-5024	ARTIFICIAL NEURAL NETWORK APPLICATIONS	E	3	0	3	3	5
BIL-5025	DIGITAL GAMIFICATION	E	3	0	3	3	5
BIL-5026	HUMAN-COMPUTER INTERACTION	E	3	0	3	3	5

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