



**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	
<b>TOTAL</b>			<b>20</b>	<b>1</b>	<b>21</b>	<b>12</b>	<b>30</b>	

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	
<b>TOTAL</b>			<b>17</b>	<b>3</b>	<b>20</b>	<b>9</b>	<b>30</b>	



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



**MASTER (MSc) PROGRAM**

**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	
<b>TOTAL</b>			<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>30</b>	

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	
<b>TOTAL</b>			<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>30</b>	



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



**MASTER (MSc) PROGRAM**

**ELECTIVE COURSES**

COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*				
			TH	AP	TO	CR	EC
FBE-5001	SCIENTIFIC RESEARCH AND METHODS	E	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 PROCESSING	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	DİGİTAL GAMİFİKATİON	E	3	0	3	3	5
BIL-5026	HUMAN-COMPUTER INTERACTION	E	3	0	3	3	5