



AFYON KOCATEPE UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF CONSTRUCTION EDUCATION



MASTER (MSc) PROGRAM

FIRST YEAR

FIRST SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
YAP-5501	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
YAP-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	
TOTAL			20	1	21	12	30	

SECOND SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
YAP-5502	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
YAP-5602	THESIS PREPARATION	C	0	1	1	0	1	
YAP-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	
TOTAL			17	3	20	9	30	



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SECOND YEAR

THIRD SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
YAP-5503	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
YAP-5603	THESIS	C	0	1	1	0	21	
TOTAL			8	1	9	0	30	

FOURTH SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
YAP-5504	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
YAP-5604	THESIS	C	0	1	1	0	21	
TOTAL			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	E	3	0	3	3	5
YAP-5001	ADVANCED STRUCTURE STATICS	E	3	0	3	3	5
YAP-5002	TRANSPORTATION PLANING	E	3	0	3	3	5
YAP-5003	CONSTRUCTION RAW MATERIALS	E	3	0	3	3	5
YAP-5004	ROAD PAVEMENT DESIGN	E	3	0	3	3	5
YAP-5005	STRUCTURAL OPTIMIZATION	E	3	0	3	3	5
YAP-5006	DATUM ANALYSIS	E	3	0	3	3	5
YAP-5007	INSULATION APPLICATION IN STRUCTURE	E	3	0	3	3	5
YAP-5008	SPECIFIC CONCRETE	E	3	0	3	3	5
YAP-5009	ADVANCED SOIL MECHANICS	E	3	0	3	3	5
YAP-5010	STRUCTURAL DAMAGES AND SOLUTIONS METHODS	E	3	0	3	3	5
YAP-5011	ADVANCED CONCTRUCTION PHYSICS	E	3	0	3	3	5
YAP-5012	COMPUTER AIDED STRUCTURAL ANALYSIS	E	3	0	3	3	5
YAP-5013	EXPERIMENTAL SOIL MECHANICS	E	3	0	3	3	5
YAP-5014	CONCRETE BEHAVIOURS	E	3	0	3	3	5
YAP-5015	EARTH WORKS	E	3	0	3	3	5
YAP-5016	USING OF RECYCLED MATERIALS AS CONCTRUCTION MATERIALS	E	3	0	3	3	5