



AFYON KOCATEPE UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF CIVIL ENGINEERING



DOCTOR OF PHILOSOPHY (PhD) PROGRAM

FIRST YEAR

FIRST SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
INS-6501	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
INS-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	
TOPLAM			20	1	21	12	30	

SECOND SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
INS-6502	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
INS-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	
TOTAL			20	1	21	12	30	



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SECOND YEAR

THIRD SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
INS-6503	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
INS-6603	THESIS PREPARATION	C	0	1	1	0	1	
INS-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	
TOTAL			17	3	20	9	30	

FOURTH SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
INS-6504	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
INS-6604	THESIS	C	0	1	1	0	21	
TOTAL			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	
INS-6505	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
INS-6605	THESIS	C	0	1	1	0	21	
TOTAL			8	1	9	0	30	

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

FOURTH YEAR

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

EIGHTH SEMESTER								
COURSE CODE	COURSE NAME	C/E	COURSE CREDIT*					
			TH	AP	TO	CR	EC	
INS-6508	DIRECTED FIELD STUDIES	C	8	0	8	0	9	
INS-6608	THESIS	C	0	1	1	0	21	
TOTAL			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
INS-6001	COMPOSITE MATERIALS IN CONSTRUCTION	E	3	0	3	3	5
INS-6004	HOT BITUMINOUS MIXTURES	E	3	0	3	3	5
INS-6005	ROAD PAVEMENT ENGINEERING AND PERFORMANCE	E	3	0	3	3	5
INS-6006	BUILDINGS ENERGY CONSERVATION	E	3	0	3	3	5
INS-6008	ADVANCED BUILDING PHYSICS	E	3	0	3	3	5
INS-6009	FLOOD CONTROL	E	3	0	3	3	5
INS-6010	SOIL IMPROVEMENT	E	3	0	3	3	5
INS-6011	THEORY OF ELASTICITY	E	3	0	3	3	5
INS-6012	TRAFFIC ENGINEERING AND APPLICATIONS	E	3	0	3	3	5
INS-6013	TRANSPORTATION PLANNING	E	3	0	3	3	5
INS-5088	LIGHTWEIGHT CONCRETE TECHNOLOGY	E	3	0	3	3	5
INS-5089	HYDROLOGICAL MODELING USING REMOTE SENSING	E	3	0	3	3	5
INS-6015	PREVENTIVE MAINTENANCE ASPHALT PAVEMENTS	E	3	0	3	3	5
INS-6017	ADVANCED STRUCTURAL ANALYSIS	E	3	0	3	3	5
INS-6018	USE OF REINFORCED CONCRETE AND STEEL BUILDING PROGRAM	E	3	0	3	3	5
INS-6019	HYDRODYNAMIC	E	3	0	3	3	5
INS-6021	FRACTURE STRAIN RELATIONS	E	3	0	3	3	5
INS-6025	HEAT INSULATION MATERIALS	E	3	0	3	3	5
INS-6027	ISTATICITICS IN TRANSPORTATIONA ENGINEERING	E	3	0	3	3	5
INS-6028	INTELLIGENT TRANSPORTATION SYSTEMS	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