Table 1 CURRICULUM TABLE

HACETTEPE UNIVERSITY GRADUATE SCHOOL OF SCIENCE AND ENGINEERING

INDUSTRIAL ENGINEERING SECTION INDUSTRIAL ENGINEERING PhD PROGRAM

INDUSTRIAL ENGINEERING PhD PROGRAM												
COURSE CODE AND COURSE NAME	т	Р	С	ECTS	COURSE CODE AND COURSE NAME	Т	Р	С	ECTS			
1st SEMESTER	2nd SEMESTER											
COMPULSORY COURSE LIST					COMPULSORY COURSE LIST							
TOTAL COMPULSORY COURSES			0	0	TOTAL COMPULSORY COURSES			0	0			
ELECTIVE COURSE LIST					ELECTIVE COURSE LIST							
Elective Course I	3	0	3	10	Elective Course IV	3	0	3	10			
Elective Course II	3	0	3	10	Elective Course V	3	0	3	10			
Elective Course III	3	0	3	10	Elective Course VI	3	0	3	10			
TOTAL ELECTIVE COURSES			9	30	TOTAL ELECTIVE COURSES			9	30			
SEMESTER TOTAL			9	30	SEMESTER TOTAL			9	30			
3rd SEMESTER	4th SEMESTER											
COMPULSORY COURSE LIST					COMPULSORY COURSE LIST							
EMÜ790 - Seminar	0	2	0	10	EMÜ791 - Preparation for the PhD Qualifying Exam	0	4	2	30			
TOTAL COMPULSORY COURSES			0	10	TOTAL COMPULSORY COURSES			2	30			
ELECTIVE COURSE LIST					ELECTIVE COURSE LIST							
Elective Course VII	3	0	3	10								
Elective Course VIII	3	0	3	10								
TOTAL ELECTIVE COURSES			6	20	TOTAL ELECTIVE COURSES			0	0			
SEMESTER TOTAL			6	30	SEMESTER TOTAL			2	30			
5th SEMESTER	6th SEMESTER											
COMPULSORY COURSE LIST					COMPULSORY COURSE LIST							
EMÜ700 - Special Topics	5	0	0	30	EMÜ700 - Special Topics	5	0	0	30			
TOTAL COMPULSORY COURSES	5	0	0	30	TOTAL COMPULSORY COURSES	5	0	0	30			
ELECTIVE COURSE LIST					ELECTIVE COURSE LIST							
TOTAL ELECTIVE COURSES			0	0	TOTAL ELECTIVE COURSES			0	0			
SEMESTER TOTAL			0	30	SEMESTER TOTAL			0	30			
7th SEMESTER	8th SEMESTER											
COMPULSORY COURSE LIST					COMPULSORY COURSE LIST							
EMÜ700 - Special Topics	5	0	0	30	EMÜ700 - Special Topics	5	0	0	30			
TOTAL COMPULSORY COURSES	5	0	0	30	TOTAL COMPULSORY COURSES	5	0	0	30			
ELECTIVE COURSE LIST					ELECTIVE COURSE LIST							
TOTAL ELECTIVE COURSES			0	0	TOTAL ELECTIVE COURSES			0	0			
SEMESTER TOTAL			0	30	SEMESTER TOTAL			0	30			

GRAND TOTAL	26	5
COMPULSORY COURSES CREDIT TOTAL	2	
ELECTIVE COURSES CREDIT TOTAL	24	1
COMPULSORY COURSES CREDIT PERCENTAGE		
ELECTIVE COURSES CREDIT PERCENTAGE		

HACETTEPE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ ENDÜSTRİ MÜHENDİSLİĞİ ANABİLİM DALI ENDÜSTRİ MÜHENDİSLİĞİ DOKTORA PROGRAMI SEÇMELİ DERS LİSTESİ

DERSİN KODU VE ADI	Т	P	K	AKTS
EMÜ711 - Probabilistic Programming	3	0	3	10
EMÜ721 - Nonlinear Optimization	3	0	3	10
EMÜ722 - Advanced Stochastic Processes	3	0	3	10
EMÜ723 - Convex Analysis	3	0	3	10
EMÜ724 - Discrete Optimization	3	0	3	10
EMÜ730 - Quality Control	3	0	3	10
EMÜ732 - Fuzzy Logic and Fuzzy Decision Making	3	0	3	10
EMÜ733 - Bayesian Data Analysis	3	0	3	10
EMÜ737 - Data Mining	3	0	3	10
EMÜ738 - Mathematical Statistics for Engineers	3	0	3	10
EMÜ739 - Data Analysis	3	0	3	10
EMÜ741 - Manufacturing and Service Systems' Modeling and Scheduling	3	0	3	10
EMÜ742 - Design of Production Systems	3	0	3	10
EMÜ743 - Quantitative Models in Supply Chain Management	3	0	3	10
EMÜ761 - Business Process Engineering	3	0	3	10
EMÜ792 - Contemporary Problems in Industrial Engineering	3	0	3	10