YEDITEPE UNIVERSITY

GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES

CURRICULUM
2016-2017

INDUSTRIAL AND SYSTEMS ENGINEERING PhD Program (on BSc)

REMEDIAL COURSE				
Dept.	**Code**	**Course Name**	**CR.**	**ECTS**
ISE	222	Operations Research I	NC	
ISE	302	Systems Engineering Methods	NC	
ISE	352	Linear Systems and Control	NC	
ISE	361	Production Systems Design	NC	
MATH	281	Probability	NC	
PROGRAM COURSES				
Dept.	**Code**	**Course Name**	**CR.**	**ECTS**
ESYE	501	Research Methodology	3	10
ESYE	505	Systems Engineering Methodology	3	10
ESYE	522	Operations Research	3	10
		Area Elective I	3	10
		Area Elective II	3	10
		Area Elective III	3	10
		Area Elective IV	3	10
		Area Elective V	3	10
		Area Elective VI	3	10
		Area Elective VII	3	10
		Area Elective VII	3	10
		Area Elective IX	3	10
		Area Elective X	3	10
		Free Elective I	3	10
ESYE	590	Research Seminar	NC	2
ESYE	690	PhD Seminar	NC	2
ESYE	691	Independent Study for Qualifying Exam	NC	30
ESYE	700	PhD Dissertation	NC	150
		TOTAL	42	324
EXTRA/NON-DEGREE COURSES				
Dept.	**Code**	**Course Name**	**CR.**	**ECTS**
		Extra/Non-degree	NC	

Course Group	**Description**
Area Elective I-X	All GSNAS courses in the elective pool offered by all departments.
Free Elective I	Unrestricted, by approval of advisor and ESYE department.
Extra/Non-degree	Optional non-credit (NC) courses that are not part of the program.
Remedial Courses	Undergraduate level courses offered by department.