



**INDUSTRIAL AND SYSTEMS ENGINEERING ENGINEERING SYSTEMS
ENGINEERING MSc Program**

REMEDIAL COURSES				
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 Methodologies in Sys. Eng.	3	10
ESYE	505	Systems Engineering Methodology	3	10
		Departmental Elective I	3	10
		Area Elective I	3	10
		Area Elective II	3	10
		Area Elective III	3	10
		Area Elective IV	3	10
ESYE	590	Research Seminar	NC	2
ESYE	600	MSc Thesis	NC	60
		TOTAL	21	132
EXTRA/NON-DEGREE COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Extra/Non-degree	NC	0

Course Group	Description
Departmental Elective I	ESYE 522, ESYE 552.
Area Elective I-IV	All GSNAS courses in the elective pool offered by all departments.
Extra/Non-degree	Optional non-credit (NC) courses that are not part of the program.
Remedial Courses	Undergraduate level courses offered by department.