

**CIVIL ENGINEERING MSc Program (with Thesis)**

REMEDIAL COURSES				
Dept.	Code	Course Name	CR.	ECTS
CE	221	Construction Materials	NC	
CE	236	Mechanics of Materials	NC	
CE	252	Fluid Mechanics and Hydraulics	NC	
CE	341	Soil Mechanics	NC	
CE	372	Construction Management	NC	
CE	381	Structural Analysis	NC	
CE	382	Reinforced Concrete	NC	
CE	384	Design Fundamentals for Steel Structures	NC	
CE	441	Foundation Engineering	NC	
CE	491	Design of Reinforced Concrete Structures	NC	
PROGRAM COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Departmental Elective I	3	10
		Departmental Elective II	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
CE	590	Research Seminar	NC	2
CE	600	M.Sc. Thesis	NC	60
		TOTAL	21	132
EXTRA/NON-DEGREE COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Extra/Non-degree	NC	

Course Group	Description
Departmental Elective I-II	Any course that is in the compulsory courses pool of the Civil Engineering Department CE 550, CE 520, CE 560, CE 540, CE 541, CE 542, CE 521, CE 522, CE 523, CE 524, CE 561
Area Elective I	BTEC 550, ESYE 501.
Area Elective II-V	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.