



## ***Construction Engineering and Management, Master of Science Program***

### Compulsory Courses:

	Course Name	Credit
1	Contract Administration and Management	3
2	Project Planning and Control Methods	3
3	Construction Methods 1	3
4	Construction Equipment Management	3
5	Seminar I	1
6	Seminar II	1
7	Thesis	6
	One among the following courses*	
5	Operations Research / System Dynamics	3
6	Construction Site Safety and Management	3
7	Advanced Concrete Technology	3

- Students need to take at least one of these courses

### Optional Courses

	Course Name	Credit
5	System Dynamics / Operations Research	3
6	Construction Site Safety and Management	3
7	Advanced Concrete Technology	3
8	Computer Applications in Construction Management	3
9	Construction Methods 2	3
10	Advanced Construction materials	3
11	Project Management	3
12	Project Financial Management	3
13	Advanced Engineering Economics	3
14	Statistical Methods	3
15	Project Cost Estimating	3



16	Structural Maintenance and Reinforcement	3
17	Research Methods	3
18	Special Topics in Construction Management	3