Course Requirements and Registration Priorities
School of Engineering (Graduate: Master), Fall 2016

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SEDS											
Chemical Engineering											
1	MCHE 613	Physical Chemistry of Oil & Gas	1.5	3							
2	MCHE 614	Applied Chemical Engineering Thermodynamics	1.5	3							
3	MCHE 615	Advanced Unit Operations	1.5	3							
4	MCHE 616	Advanced Chemical Reactor Engineering	1.5	3	ECHE 481 Chemical Reaction Engineering (1985) (D and above)						
5	MCHE 618	Plant Economics and Planning	1.5	3							
6	MCHE 619	Safety Engineering and Loss Prevention	1.5	3							
Civil Engineering											
7	EMEM 502	Decision Models	1.5	3							
8	EMEM 505	Operations Management	1.5	3							
9	EMEM 507	Project Management	3	6							
10	EMEM 509	Systems Engineering	3	6							
11	EMEM 513	Entrepreneurship	2	4							
12	EMEM 519	Product Development	1.5	3							
13	EMEM 522	Quality Management	1.5	3							
14	EMEM 523	Supply Chain Management	3	6							
15	EMEM 528	Information Systems Mananegement	1.5	3							
16	EMEM 530	Technology Assessment	1.5	3							
17	EMEM 533	Engineering Management and Engineering Economy	3	6							

18	MCE 601	Sustainable Development	3	6							
19	MCE 604	Advanced Project Management	3	6							
20	MCE 606	Environmental Impacts and Assessments	3	6							
21	MSC 615	Advanced Statistics and Probability	3	6							
22	MSC 616	Research Methods	3	6							
Electrical and Electronic Engineering											
23	MEE 600	MSc Thesis in Electrical and Electronics Engineering	15	30							
24	MEE 607	Statistical Signal Processing	3	6							
25	MEE 608	Special Topics in Circuits Theory	3	6							
Mechanical Engineering											
26	MME 600	MSc Thesis in Mechanical Engineering	15	30							
27	MME 604	Engineering Mathematics	3	6							
28	MME 605	Numerical Techniques for Engineers	3	6							
29	MME 606	Advanced Control Systems	3	6							