

Construction Information Technology Engineering							
Subjects							
Name	Code	Cr	T	P	L	M/E	S
Mathematics MSc for Civil Engineers	BMETEMIMsMMATM-00	3	1	1		M	1
Numerical Methods	BMEEOAFMsFAL01-00	4			3	M	1
Building Information Modelling	BMEEOEMMsFCI01-00	3	2			M	1
Construction Information Technology Engineering Project	BMEEOFTMsFCI01-00	8			4	M	1
Compulsory Elective 1							2
Compulsory Elective 2							2
Civil Engineering Automation, Modelling	BMEEOHSMsFCI01-00	5	1	2		E	2
BIM Modelling and Design	BMEEOFTMsFCI02-00	5			4	M	2
Construction Information Technology Programming	BMEVIAUMSXA052-00	6	1	4		M	2
Complex Construction IT project	BMEEOFTMsFCI03-00	6			2	M	2
Programming <sup>a</sup>	BMEVIHIMSXA061-00	8	2		4	E	1
Database systems <sup>a</sup>	BMEEOFTMsFCI04-00	4	1	2		M	1
Building Constructions <sup>b</sup>	BMEEOEMMsFCI02-00	8	2	4		M	1
Finite Element Modeling <sup>b</sup>	BMEEOTMMsFCI01-00	4	1	2		E	1
Elective		5					3
Economics and Humanities Subjects		5					3
Master Thesis	BMEEOFTMsFCI05-00	20		2			3
<b>Compulsory elective</b>							
Electrical Systems in Buildings	BMEVIVEMSXA061-00	4	2			E	2
HVAC Basics	BMEGEEEMSXHVC-01	4	2			M	2
Automated Survey Systems	BMEEOAFMsFCI01-00	4	1	2		M	2
Stability of Structures	BMEEOHSMsFST02-00	5	2	1		E	1
FEM for Civil Engineers	BMEEOTMMsFST01-00	4	2	1		E	2
<b>Economics and Humanities Subjects</b>	<b>Expected semester for courses: F: fall; S: spring; B: both</b>						
Management <sup>F</sup>	BMEGT20MW02	5	3			M	
Economic Analysis of Technology <sup>S</sup>	BMEGT30MS02	2	2			M	
Investments <sup>B</sup>	BMEGT35M004	2	2			M	
Accounting, Control, Taxation <sup>F</sup>	BMEGT35M014	2	2			M	
Corporate Finance <sup>F</sup>	BMEGT35M411	2	2			M	
Ethics for Engineers <sup>F</sup>	BMEGT41M004	2	2			M	
Argumentation, Negotiation, Presentation <sup>F</sup>	BMEGT41MB51	3	2			M	
Technology Theories <sup>F</sup>	BMEGT41MB52	2	2			M	
Environmental and Resource Management <sup>F</sup>	BMEGT42M003	2	2			M	
Economics of Sustainable Development <sup>S</sup>	BMEGT42M004	2	2			M	
Sustainable Business Model Design <sup>S</sup>	BMEGT42MN29	3	2			M	
Visual Communication <sup>F</sup>	BMEGT43M400	4	2	2		M	
Social and Visual Communication <sup>B</sup>	BMEGT43MS02	2	2			M	
Social and Visual Communication <sup>S</sup>	BMEGT43MS07	2	2			M	
Leadership and Applied Management Psychology <sup>F</sup>	BMEGT52MS01	2	2			M	
Corporate Law <sup>S</sup>	BMEGT55M002	2	2			M	
Law of the Information Society <sup>F</sup>	BMEGT55M005	2	2			M	
E-law <sup>S</sup>	BMEGT55M400	3	2			M	
Economic Law of the EU <sup>B</sup>	BMEGT55MN02	3	2			M	