

		Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester
Core Subjects										
Advanced Mathematics	BMETE90MX33	3	2	1				E		1
Physics Laboratory	BMETE11MX22	1			1			M		2
Methods of Engineering Analysis	BMEEOHSMK51	3	1	1				M		1
Numerical Methods	BMEEOFTMK51	4			3			M		1
Database Systems	BMEEOFTMI51	3		2				M		2
Environmental systems	BMEEOVKMI51	4	3					E		1
Ecology	BMEEOVKMI52	3	2					M		1
Engineering works of infrastructure	BMEEOHSMI51	3	2					E		2
Drainage of engineering constructions	BMEEOVKMI53	3	2					M		2
Environmental economics	BMEGT42M400	2	2					M		3
Accounting, Controlling, Taxation	BMEGT35M014	2	2					M		3
Corporate Finance	BMEGT35M411	2	2					M		3
Engineering Ethics	BMEGT41M004	2	2					M		3
Optional Subjects		5								
Specialization in Highway and Railway Engineering										
Obligatory Subjects										
Transport strategic planning	BMEEOUVMU-1	4	2	1				M		1
Railway Station Design	BMEEOUVMU-2	4	2	1				E		2
infrastructure Management Systems	BMEEOUVMU-3	3	2					E		2
Project Management in Transportation	BMEEOUVMU-4	2	2					M		1
Elective Subjects		17								
Diploma Project	BMEEODHMU-D	20						M		3
Recommended Elective Subjects										
Transportation Modeling	BMEEOUVMU61	2	2					M		1
Railway Operation	BMEEOUVMU62	2	2					M		1
Pavement Structures	BMEEOUVMU63	5	4					E		2
Railway Track Structures	BMEEOUVMU64	5	2					E		1
Intelligent Transportation Systems	BMEEOFTMF61	3	1	1				M		2
Economics of Civil Engineering Projects	BMEEOUVMU65	3	2					M		2
CAD Software in Road and Rail Design	BMEEOUVMU66	3	3					M		1
Specialization in Water and Hydro-Environmental Engineering										
Obligatory Subjects										
Water and wastewater treatment II.	BMEEOVKMV-1	4	3					E		1
Water quality monitoring	BMEEOVKMV-2	2	2					M		1
Modelling of Hydrosystems	BMEEOVVMV-1	4	2	1				E		1
Hydromorphology	BMEEOVVMV-2	4	2				3	E		2
Elective Subjects		16								
Diploma Project	BMEEODHMV-D	20						M		3
Recommended Elective Subjects										
Design of Water-Use Structures	BMEEOVVMV61	4	2	1				M		2
Design of Water Damage Prevention Structures	BMEEOVVMV62	4	2	1				M		1
Groundwater	BMEEOVVMV63	3	2					M		2
Hydrography and Hydroinformatics	BMEEOVVMV64	5	2	2				M		2
Water and wastewater treatment plants	BMEEOVKMV61	3	2	1				M		2
Water quality management	BMEEOVKMV62	2	1	1				M		2
Public water utility systems	BMEEOVKMV63	4	2	1				M		2
Reconstruction of public water utility systems	BMEEOVKMV64	3	2					M		1