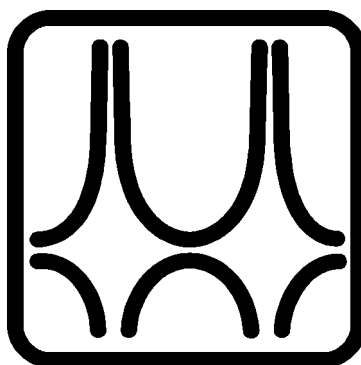




Budapest University of Technology and Economics

Timetable

**Full time students
Year 2022/23 - 1st Semester**



Faculty of Civil Engineering

Year 2022/23 1st semester calendar

week	even(#)/odd(+)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0		29-Aug State (Final) examination period start	30-Aug	31-Aug	1-Sep	2-Sep	3-Sep	4-Sep
		----- Registration week -----				Opening ceremony		
1	+	5-Sep Szorg. kezdete	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep
2	#	12-Sep	13-Sep	14-Sep Sport day	15-Sep	16-Sep	17-Sep	18-Sep
3	+	19-Sep	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep
4	#	26-Sep	27-Sep	28-Sep	29-Sep	30-Sep State Exam per. end	1-Oct	2-Oct
5	+	3-Oct	4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	9-Oct
6	#	10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct workday 10.31 (+ Monday)	16-Oct
7	+	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	23-Oct
8	#	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	29-Oct	30-Oct National Holiday
9	+	31-Oct Holiday	1-Nov All Saints day	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov
10	#	7-Nov	8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov
11	+	14-Nov	15-Nov	16-Nov	17-Nov Student Scientific Conference	18-Nov	19-Nov	20-Nov
12	#	21-Nov	22-Nov	23-Nov	24-Nov	25-Nov Open day	26-Nov	27-Nov
13	+	28-Nov	29-Nov	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec
14	#	5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec
	+	12-Dec	13-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec
		----- Repeat week -----						
	#	19-Dec State (Final) examination period starts	20-Dec	21-Dec	22-Dec	23-Dec	24-Dec	25-Dec Christmas
	+	26-Dec Christmas	27-Dec	28-Dec	29-Dec	30-Dec	31-Dec	1-Jan New Year
	#	2-Jan	3-Jan	4-Jan	5-Jan	6-Jan	7-Jan	8-Jan
	+	9-Jan	10-Jan	11-Jan	12-Jan	13-Jan	14-Jan	15-Jan
	#	16-Jan	17-Jan	18-Jan	19-Jan	20-Jan	21-Jan	22-Jan
		23-Jan	24-Jan grade registration end until 12:00	25-Jan	26-Jan	27-Jan Exam per. end	28-Jan	29-Jan
		30-Jan	31-Jan	1-Feb	2-Feb	3-Feb	4-Feb	5-Feb
		State Exam per. end						

Semester

Repeat week

Exam period

Holiday

Pre-Engineering Courses in Civil Engineering

Subjects		Seminars (lectures)		Cross semester
Name	Code	1	2	
Basic Mathematics I.	BMETETOPB22	4		Y
Basic Informatics	BMEEOFTPRE1	4		N
Engineering Sciences	BMETETOP117	4		N
Technical Drawing	BMEEOEMPRES2	4		N
Freehand Drawing for CE	BMEEPFRAG121	2		N
Design Skills	BMEEPFRAG111	2		N
English for Studies 1.	BMEGT60Z901	6		N
Basic Mathematics II.	BMETETOPB23		5	N
Basic Mechanics	BMEEOTMPRE3		5	N
Basic Surveying	BMEEOAFPRES4		4	N
Basic Hydraulics	BMEEOVVPRES5		2	N
Fundamental of Structures	BMEEPSTG201		4	N
English for Studies 2.	BMEGT60Z902		6	N

**For students of BME of Civil Engineering only criteria subjects (no credit points)
Students can enter the Bsc degree program only after completing all the subjects
of the Pre-Engineering Courses in Civil Engineering**

	Pre-Engineering Courses in Civil Engineering			
	Monday	Tuesday	Thursday	Friday
8:15-9:00		Technical Drawing BMEEOEMPRES2 K.376	EN1 Basic Informatics BMEEOFTPRE1 K.142b	
9:15-10:00				
10:15-11:00		Engineering Sciences BMETETOP117 K.221	Engineering Sciences BMETETOP117 K.221	Basic Mathematics BMETETOPB22 K.372
11:15-12:00				
12:15-13:00	English for Studies 1. BMEGT60Z901 T.208			English for Studies 1. BMEGT60Z901 T.208
13:15-14:00				
14:15-15:00	Basic Mathematics BMETETOPB22 K.372	English for Studies 1. BMEGT60Z901 T.208	Technical Drawing BMEEOEMPRES2 K.371	
15:15-16:00				
16:15-17:00		Design Skills BMEEPFRAG111 K.3R1		EN2 Basic Informatics BMEEOFTPRE1 K.142a
17:15-18:00				
18:15-19:00		Freehand Drawing for CE BMEEPFRAG121 K.3R1		
19:15-20:00				

Faculty of Civil Eng.
Faculty of Architect.
Faculty of Science
Faculty of Social Sc.

CIVIL ENGINEERING BSC FROM 2017 - SPECIALIZATION IN STRUCTURAL ENGINEERING

Subject Name	Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester	Semesters								Preliminary Requirement(s)
										1	2	3	4	5	6	7	8	
Core subjects																		
English for Civil Engineering 1.	BMEGT60Z911	4		4				M	1	X								
Surveying I.	BMEEOAFAT41	3	1	2				M	1	X								
Chemistry of Construction Materials	BMEEOEMAT41	2	2					M	1	X								
Civil Engineering Representation and Drawing	BMEEOEMAT42	4	2	2				M	1	X								
CAD for Civil Engineers	BMEEOFTAT41	2	2					M	1	X								
Geology	BMEEOGMAT41	3	1	2				E	1	X								
Basis of Statics and Dynamics	BMEEOTMAT41	6	5					E	1	X								
Mathematics A1a - Calculus	BMETE90AX00	6	4	2				E	1	X								
Physics for Civil Engineers	BMETE11AX13	2	2					M	1	X								
English for Civil Engineering 2.	BMEGT60Z912	4		4				M	2		X							
Surveying II.	BMEEOAFAT42	4	2	2				E	2		X					EOAFAT41	EOFTAT41	
Construction Materials I.	BMEEOEMAT43	5	2		2			E	2		X					EOEMAT41		
Civil Engineering Informatics	BMEEOFTAT42	5	2	2				M	2		X							
Building Construction Study	BMEEOEMAT44	3	1	2				M	2		X					EOEMAT42		
Introduction to Strength of Materials	BMEEOTMAT42	6	5					M	2		X					EOTMAT41	TE90AX00~	
Hydraulics I.	BMEEOVAT42	3	2	1				E	2		X							
Mathematics A2a - Vector Functions	BMETE90AX02	6	4	2				E	2		X					TE90AX00		
Surveying Field Course	BMEEOAFAT43	3					9	M	3			X				EOAFAT42~		
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3			X				EOGMAT41	EOTMAT42	
Geoinformatics	BMEEOFTAT43	3	2	1				M	3			X						
Basis of Design	BMEEOHSAT41	3	2					M	3				X			EOTMAT41		
Structural Analysis I.	BMEEOTMAT43	4	4					E	3			X				EOTMAT42	TE90AX00	
Railway Tracks	BMEEOUVAT41	3	3					E	3			X						
Basics of Environmental Engineering	BMEEOVKAT41	3	2					M	3			X						
Public Works I.	BMEEOVKAT42	3	2	1				E	3			X				EOVVAT42		
Hydrology I.	BMEEOVVAT41	3	2	1				M	3			X						
Mathematics A3 for Civil Engineers	BMETE90AX07	4	2	2				E	3			X				TE90AX02		
Earthworks	BMEEOGMAT43	3	2	1				E	4				X			EOGMAT42		
Steel Structures	BMEEOHSAT42	3	3					M	4			X				EOTMAT42	EOEMAT43~ EOHSA41	
Reinforced Concrete Structures	BMEEOHSAT43	3	3					M	4			X				EOTMAT42	EOEMAT43~ EOHSA41	
Roads	BMEEOUVAT42	2	2					M	4			X				EOUVAT41		
Hydraulic Engineering, Water Manag.	BMEEOVVAT43	3	2	1				E	4			X				EOVVAT41	EOVVAT42	
Communication Skills for Civil Engineers	BMEGT60Z913	2	2					M	4			X						
Business Law	BMEGT55A001	2	2					M	4				X					
Foundation Engineering	BMEEOGMAT45	4	3					E	5				X			EOGMAT43		
Management and Business Economics	BMEGT20A001	4	4					M	5				X					
Micro- and Macroeconomics	BMEGT30A001	4	4					E	6					X				
Construction Management	BMEEPEKAT41	3	2	1				M	6					X		EOEMAT44	EOGMAT42	
Urban and Regional Development	BMEEOUVAT43	3	2					M	7					X				
Optional subjects		4	4					M	7						X			
Branch Subjects																		
Building Construction I.	BMEEOEMAS42	3	1	2				E	4				X			EOEMAT44		
Timber Structures	BMEEOHSAS44	3	2					M	4				X			EOTMAT42	EOHSAT41	
Strength of Materials	BMEEOTMAS41	3	2					E	4				X			EOTMAT43		
Construction Materials II.	BMEEOEMAS41	3	1		2			E	5				X			EOEMAT43		
Building Construction II.	BMEEOEMAS43	3	1	2				E	5				X			EOEMAS42		
Steel and Composite Structures	BMEEOHSAS47	4	3					M	5				X			EOHSAT42	EOHSAT43	
RC and Masonry Structures	BMEEOHSAS42	4	2	1				M	5				X			EOHSAT43	EOEMAS42	
Bridges and Infrastructures	BMEEOHSAS43	3	2					E	5				X			EOHSAT42	EOHSAT43	
Laboratory Practice of Testing of Structures and	BMEEOHSAS46	2			4			M	5				X			EOHSAT42	EOHSAT43	
Structural Analysis II.	BMEEOTMAS42	4	3	1				M	5				X			EOTMAS41	TE90AX07	
Rock Mechanics	BMEEOGMAS41	3	1	1				M	6					X		EOGMAT41		
Underground Structures, Deep Found.	BMEEOGMAS42	3	2	1				M	6					X		EOGMAT45		
3D Constructional Modelling of Structures	BMEEOHSAS45	3	2					M	6					X		EOHSAT42	EOHSAT43	
Design of Structures Projectwork	BMEEODHAS41	6			2			M	6					X		EOHSAS47	EOHSAS42 EOGMAT45	
Public Administration and Land Registry	BMEEOUVAT44	3	2					M	7					X				
Field Course of Structural Geodesy	BMEEOAFAS42	1			2			M	7					X		EOAFAT43	EOEMAT44	
Dynamics of Structures	BMEEOTMAS43	3	2					M	7					X		EOTMAT43	TE90AX02	
Technical Internship	BMEEODHAS42	0				20	S	7						X		EOHSAS47	EOHSAS42	
Specialization in Structural Engineering																		
Steel Buildings	BMEEOHSA-A1	5	3	1				E	6					X		EOHSAS47		
Reinforced Concrete Buildings	BMEEOHSA-A2	5	3	1				E	6					X		EOHSAS42	EOHSAS44	
Building Construction Methodology	BMEEOEMA-A1	2	1	1				E	7					X		EOEMAS43		
Engineering Works	BMEEOHSA-B3	3	2					E	7					X		EOHSAT43	EOHSAS43 EOGMAS42	
Structural Design Projectwork	BMEEOHSA-PP	6			2			M	7					X		EOHSA41	EOHSA-A1 EOHSA-A2	
Preparatory Course for BSc Thesis Project	BMEEODHA-PT	9						M	8						X	EOHSA-PP		
Bachelor Thesis Project	BMEEODHA-PS	15						M	8						X	EOHSA-PT1		
Total number of credits		240									32	36	33	27	32	32	25	24
Total number of classes		184									31	33	28	25	28	22	16	0
Number of exams		23									3	4	4	4	4	3	1	0
Recommended Optional Subjects																		
Reinforced Concrete Bridges	BMEEOHSA-B2	4	2	1				E	6					X		EOHSAS42	EOHSAS43 EOHSA44	
Hungarian Language and Culture for SH Students 1	BMEGT60Z9H1	2	4					M		X								
Hungarian Language and Culture for SH Students 2	BMEGT60Z9H2	2	4					E			X							
Cross semesters: EMAT44, EMAS42, HSAT42, HSAT43, HSAS-A1, HSAS-A2, TMAT42, TMAS41, UVAT42, VVAT42, DHAS41, EKAT41																		

A prerequisite with '!' mark indicates that the subject and the pre-required subject can be registered parallel (in the same semester).

A prerequisite with '~' mark indicates that it is enough to hold a signature from the pre-required subject in order to register the subject.

CIVIL ENGINEERING BSC FROM 2019 - SPECIALIZATION IN INFRASTRUCTURE ENGINEERING

Subject Name	Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester	Semesters								Preliminary Requirement(s)
										1	2	3	4	5	6	7	8	
Core subjects																		
English for Civil Engineering 1	BMEGT602911	4	4					M	1	X								
Surveying 1	BMEEOFAT41	3	1	2				M	1	X								
Chemistry of Construction Materials	BMEEOMAT41	2	2					M	1	X								
Civil Engineering Representation and Drawing	BMEEOMAT42	4	2	2				M	1	X								
CAD for Civil Engineers	BMEEOFAT41	2	2					M	1	X								
Geology	BMEEOGMAT41	3	1	2				E	1	X								
Basis of Statics and Dynamics	BMEEOTMAT41	6	5					E	1	X								
Mathematics A1a - Calculus	BMETE90AX00	6	4	2				E	1	X								
Physics for Civil Engineers	BMETE11AX13	2	2					M	1	X								
English for Civil Engineering 2	BMEGT602912	4	4					M	2	X								
Surveying 2	BMEEOFAT42	4	2	2				E	2	X					EOAFAT41	EOFTAT41		
Construction Materials 1	BMEEOMAT43	5	2	2				E	2	X					EOEMAT41			
Civil Engineering Informatics	BMEEOFAT42	5	2	2				M	2	X					EOFTAT41			
Building Construction Study	BMEEOMAT44	3	1	2				M	2		X				EOEMAT42			
Introduction to Strength of Materials	BMEEOTMAT42	6	5					M	2	X					EOTMAT41	TE90AX00*		
Hydraulics 1	BMEEOVVAT42	3	2	1				E	2	X								
Mathematics A2a - Vector Functions	BMETE90AX02	6	4	2				E	2	X					TE90AX00			
Surveying Field Course	BMEEOFAT43	3				9		M	3		X				EOAFAT42~			
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3	X					EOGMAT41	EOTMAT42		
Geoinformatics	BMEEOFAT43	3	2	1				M	3		X				EOAFAT42			
Basis of Design	BMEEOHSAT41	3	2					M	3	X					EOTMAT41			
Structural Analysis 1	BMEEOTMAT43	4	4					E	3	X					EOTMAT42	TE90AX00		
Railway Tracks	BMEEOUVAT41	3	3					E	3	X					EOAFAT41			
Basics of Environmental Engineering	BMEEOVKAT41	3	2					M	3	X								
Public Works 1	BMEEOVKAT42	3	2	1				E	3	X					EOVVAT42			
Hydrology 1	BMEEOVVAT41	3	2	1				M	3	X								
Mathematics A3 for Civil Engineers	BMETE90AX07	4	2	2				E	3	X					TE90AX02			
Earthworks	BMEEOGMAT43	3	2	1				E	4		X				EOGMAT42			
Steel Structures	BMEEOHSAT42	3	3					M	4		X				EOTMAT42	EOEMAT43~		
Reinforced Concrete Structures	BMEEOHSAT43	3	3					M	4		X				EOTMAT42	EOHSAT41		
Roads	BMEEOUVAT42	2	2					M	4		X				EOUVAT41			
Hydraulic Engineering, Water Manag.	BMEEOVVAT43	3	2	1				E	4		X				EOVVAT41	EOVVAT42		
Construction Management	BMEEPEKAT41	3	2	1				M	4		X				EOEMAT44	EOGMAT42		
Business Law	BMEGT55A001	2	2					M	4		X							
Foundation Engineering	BMEEOGMAT45	4	3	0				E	5			X			EOGMAT43			
Management and Business Economics	BMEGT20A001	4	4					M	5			X						
Micro- and Macroeconomics	BMEGT30A001	4	4					E	6				X					
Communication Skills for Civil Engineers	BMEGT602913	2	2					M	6				X					
Urban and Regional Development	BMEEOUVAT43	3	2					M	7					X				
Elective subject		4	4					M	7					X				
Branch Subjects																		
Infrastructure CAD Course	BMEEOUVAI45	1		2				M	4			X			EOUVAT41	EOVKAT42	EOFTAT42	
Water Chemistry and Hydrobiology	BMEEOVKAI43	3	2	1				E	4		X				EOVKAT41			
* Legal Aspects of Water and Environment	BMEEOVKAI45	2	2					M	4		X							
Hydraulics 2	BMEEOVVAT42	3	2	1				E	4		X				EOVVAT42			
Highway and Railway Structures	BMEEOUVAI41	5	4					E	5			X			EOUVAT41	EOUVAT42		
Highway and Railway Design	BMEEOUVAI43	5	3	2				E	5			X			EOUVAT41	EOUVAT42	EOAFAT43	
Public Works 2	BMEEOVKAI41	5	2	2				E	5			X			EOVKAT42			
Urban Environment	BMEEOVKAI42	3	2	1		1		M	5			X			EOVKAT41			
* Water Quality Management	BMEEOVKAI44	3	2	1				M	5			X			EOVKAI43	EOVVAI42		
Hydrology 2	BMEEOVVAT41	3	2	1				M	5			X			EOVVAT41			
* Transportation Networks	BMEEOUVAI42	3	2					M	6				X		EOUVAT42			
* Highway and Railway Laboratory Practice	BMEEOUVAI44	1		3				M	6				X		EOVVAI41			
* Water Resources Management	BMEEOVVAT43	3	2					E	6				X		EOVVAT43			
Hydraulic Engineering Field Course	BMEEOVVAT44	2				6		M	6				X		EOVVAI41	EOVVAI42		
Infrastructure Study Project	BMEEODHA141	6			2			M	6			X			EOVVAT43	EOVVAI43	EOVKAI41	
Public Administration and Land Registry	BMEEOUVAT44	3	2					M	7				X		GTSSA001			
Earthworks and Drainage of Transportation Infra	BMEEOGMAI41	3	3					E	7					X	EOGMAT43	EOVVAT41		
Technical Internship	BMEEODHA142	0				20	S	7						X	EOVVAT43	EOVVAI43	EOVKAI41	
Proposed Optional Branch Subjects																		
* Building Construction I.	BMEEOMAS42	3	1	2				E	4			X			EOEMAT44			
* Timber Structures	BMEEOHSAS44	3	2					M	4			X			EOTMAT42	EOEMAT43		
* Construction Materials II.	BMEEOMAS41	3	1	2				E	5			X			EOEMAT43			
* Bridges and Infrastructures	BMEEOHSAS43	3	2					E	5				X		EOHSAT42	EOHSAT43		
* Rock Mechanics	BMEEOGMAS41	3	1	1				M	6				X		EOGMAT41			
* Underground Structures, Deep Found.	BMEEOGMAS42	3	2	1				M	6				X		EOGMAT45			
Specialization in Infrastructure Engineering																		
Road Design	BMEEOUVA-E1	3	2					E	7					X	EOUVAI43			
Water Damage Prevention and Water Use	BMEEOVVA-F1	5	4					E	6				X		EOVVAT43	EOVVAI41	EOVVAI42	
Drinking Water and Wastewater Treatment	BMEEOVKA-H1	4	3					E	6				X		EOVKA141			
** Railway Design	BMEEOUVA-E2	3	2					E	7					X	EOUVAI43			
** River Basin Management	BMEEOVVA-F2	3	2					E	7					X	EOVVAI43	EOVKA144		
** Environmental Impact Assessment	BMEEOVKA-H3	3	3					E	7					X	EOVKA142	EOVKA144	EOVKA145	
** Transport Infrastructure Design Project	BMEEOUVA-QP	6			2			M	7					X	EODHA141	EOUVAI42	EOUVA-E2I	
** Hydraulic Engineering Design Project	BMEEOVVA-QP	6			2			M	7					X	EODHA141	EOVVA-F1	EOVVA-F2I	
** Urban Water Infrastructure Design Project	BMEEOVKA-QP	6			2			M	7					X	EODHA141	EOVKA-H1	EOVKA-H3I	
Preparatory Course for BSc Thesis Project	BMEEODHA-QT	9						M	8					X	*EOUVA-QP	*EOVVA-QP	*EOVKA-QP	
Bachelor Thesis Project	BMEEODHA-QS	15						M	8					X	EODHA-QT!			
Total number of credits		240								32	37	32	28	32	30	25	24	
Total number of classes		184								31	34	27	29	28	20	15	0	
Number of exams		23								3	4	4	4	4	3	0		

Recommended Optional Subjects																	
Field Course of Structural Geodesy	BMEEOFAS42	1		2				M	7					X	EOAFAT43	EOHSAT42	EOHSAT43
Satellite Positioning	BMEEOFAG45	3	2					E	5				X		EOAFAT43		
The Digital Earth	BMEEFTAG41	3	2	1				M	5				X		EOFTAT43		
Hungarian Language and Culture for SH Students	BMEGT6029H1	2	4					M	X								
Hungarian Language and Culture for SH Students	BMEGT6029H2	2	4					E	X								

* Note: Credits of the starred(*) Branch Subjects can be substituted by the credits of the Proposed Optional Branch Subjects as long as the preliminary requirements of the prospective specialisation subjects are fulfilled.

** Taking one project subject (UVA-QP or VVA-QP or VKA-QP) and its pre-requisites is mandatory in the specialization

A prerequisite with '!' mark indicates that the subject and the pre-required subject can be registered parallel (in the same semester).

A prerequisite with '~' mark indicates that it is enough to hold a signature from the pre-required subject in order to register the subject.

2022/23 1st Semester		BSc Civil Engineering 1st year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1/2 English for Civil Eng. K.376, K.375	Chemistry for Civ. Eng. K.f88 Technical Drawing	EN3 Surveying I. K.f27k	EN1 Surveying I. K.f27b EN2 Surveying I. K.f27k	EN5 Surveying I. K.f27I EN7 Surveying I. K.f27I
10:15-12:00	EN1 Civil Eng. Repr. K.183 EN2 Civil Eng. Repr. K.184 EN3 Civil Eng. Repr. K.374	EN1 Geology K.136	EN1 Basis of Stat.&Dyn. K.mf78 EN2 Basis of Stat.&Dyn. K.f10	EN6 Surveying I. K.f27I	EN4 Geology K.136
12:15-14:00	+Geology BMEEOGMAT41 #Surveying I. BMEEOAFAT41	EN4 CAD for Civil Eng. K.142a EN2 Geology K.136	EN3 Basis of Stat.&Dyn. K.375 University Experience 13-14	EN3 Geology K.136	EN1 CAD for Civil Eng. K.142b
14:15-16:00	EN1/2/3 Basis of Stat.&D. K.mf78, K.f10, K.375	Mathematics A1a K.f88	EN1/2 English for Civil Eng. K.376, K.375 Technical Drawing	Hung.Lang.and Cult. SH 1.	EN4 Surveying I. K.f27I
16:15-18:00	EN1-EMK Math. A1a K373 EN2-EMK Math. A1a K.374	CE Physics K.f88	Mathematics A1a K.f88		
18:15-20:00	Civil Eng. Representation K.f88	EN5 CAD for CE K.142b	Hung.Lang.and Cult. SH 1.	EN3 CAD for CE K.142b	

2022/23 1st Semester		BSc Civil Engineering 2nd year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	Structural Analysis I. K.mf78 #EN Hydraulics I. K.f10	+EN1 Hydrology I. #EN2 Hydrology I. #EN1 Public Works K.mf31 +EN2 Public Works K.mf31	CE Mathematics A3 K.376	+Hydrology I. K.f10	Geoinformatics K.389
10:15-12:00	Basics of Env. Eng. K.mf30 Building Constr. St. K.183	Structural Analysis. I. K.mf78	EN1 CE Mathematics EN3 K.373	Soil Mechanics K.mf21	Basis of Design K.f12
12:15-14:00	Public Works K.mf31 Hydraulics I. K.f15	Railway Tracks K.f99 12:15-15:00	Building Constr. St. K.183 EN1 Building Constr. Study K.183 13:15-15:00	EN1 Soil Mechanics K.371 EN2 Soil Mechanics K.372	
14:15-16:00		EN1 Intr.to Str. of Mat. 15:15-18:00 K.mf78	EN1 Intr.to Str. of Mat. 15:15-17:00		
16:15-18:00		#EN3 Geoinformatics K.142a		+EN1 Geoinformatics #EN2 Geoinformatics	

2022/23 1st Semester		Specialization in Structural Engineering 3rd year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	Management & B.Econ. BMEGT20A001	RC & Masonry Str. K.f12	+ Constr. Mat. II. MM.P #Constr. Management	Bridges and Infrastr. K.f88	RC. Structures EL111
10:15-12:00	Steel and Composite Str. K.f12	+ Building Constr. II. K.144 #EN1 RC and Masonry Str. K.f12	+Structural Analysis II. #EN1 Structural Analysis II.	EN1 Construction Mat. II. EN2 Construction Mat. II. EN3 Construction Mat. II.	
12:15-14:00		Constr. Management K.389	Structural An. II. Strength of Mat. K.376		Earthworks
14:15-16:00	Roads 14-16 K.f99 Foundation Eng. K.mf21 14:15-17:00	Testing of Str. & Materials EL111 & MM.P	Management & B. Econ. BMEGT20A001	Steel Structures K.f12 14:15-17:00 K.f12	EN1 Earthworks
16:15-18:00	Building C. I. K.184		EN1 Building Constr. II. + Building Cnstr. I		

2022/23 1st Semester		Specialization in Structural Engineering 4th year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	Reinf. Concr. Buildings K.f12	Steel Buildings EL111	Engineering Works K.f12	Building C. Method. K.184 EN1 Build. Constr. M. K.184	
10:15-12:00	Urban and Reg. Dev. K.f99	+ Reinf. Concr. Buildings EL111 # EN1 RC Buildings EL111	EN1 Structural D. Project. K.f12	+ Steel Buildings EL111 EL111 #EN1 Steel Buildings EL111	
12:15-14:00	+/#EN1 Field C. of Str.Geod. 14-18 K.f27k	Public Adm. and Land R.	Dynamics of Structures K.375	EN1 Design of Str. Project K.mf78	

Civil Engineering	Structural Engineering	Cross semesters
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2022/23 1st Semester		BSc Civil Engineering 1st year				students
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-10:00	EN1/2 English for Civil Eng. K.376, K.375	Chemistry for Civ. Eng. K.f88 Technical Drawing	EN3 Surveying I. K.f27k	EN1 Surveying I. K.f27b EN2 Surveying I. K.f27k	EN5 Surveying I. K.f27l EN7 Surveying I. K.f27l	
10:15-12:00	EN1 Civil Eng. Repr. K.183 EN2 Civil Eng. Repr. K.184 EN3 Civil Eng. Repr. K.374	EN1 Geology K.136	EN1 Basis of Stat.&Dyn. K.mf78 EN2 Basis of Stat.&Dyn. K.f10	EN6 Surveying I. K.f27l	EN4 Geology K.136	
12:15-14:00	+Geology BMEEOGMAT41 #Surveying I. BMEEOAFAT41	EN4 CAD for Civil Eng. K.142a EN2 Geology K.136	EN3 Basis of Stat.&Dyn. K.375 University Experience 13-14	EN3 Geology K.136	EN1 CAD for Civil Eng. K.142b	
14:15-16:00	EN1/2/3 Basis of Stat.&D. K.mf78, K.f10, K.375	Mathematics A1a K.f88	EN1/2 English for Civil Eng. K.376, K.375 Technical Drawing	Hung.Lang.and Cult. SH 1.	EN4 Surveying I. K.f27l	
16:15-18:00	EN1-EMK Math. A1a K373 EN2-EMK Math. A1a K.374	CE Physics K.f88	Mathematics A1a K.f88			
18:15-20:00	Civil Eng. Representation K.f88	EN5 CAD for CE K.142b	Hung.Lang.and Cult. SH 1.	EN3 CAD for CE K.142b		

2022/23 1st Semester		BSc Civil Engineering 2nd year				students
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-10:00	Structural Analysis I. K.mf78 #/+EN Hydraulics I. K.f10	+EN1 Hydrology I. #EN2 Hydrology I. #EN1 Public Works K.mf31 +EN2 Public Works K.mf31	CE Mathematics A3 K.376	+Hydrology I. K.f10	Geoinformatics K.389	
10:15-12:00	Basics of Env. Eng. K.mf30 Building Constr. St. K.183	Structural Analysis. I. K.mf78	EN1 CE Mathematics EN3 K.373	Soil Mechanics K.mf21	Basis of Design K.f12	
12:15-14:00	Public Works K.mf31 Hydraulics I. K.f15	Railway Tracks K.f99 12:15-15:00	Building Constr. St. K.183 EN1 Building Constr. Study K.183 13:15-15:00	EN1 Soil Mechanics K.371 EN2 Soil Mechanics K.372		
14:15-16:00		EN1 Intr.to Str. of Mat. 15:15-18:00 K.mf78	EN1 Intr.to Str. of Mat. 15:15-17:00			
16:15-18:00		#EN3 Geoinformatics K.142a		+EN1 Geoinformatics #EN2 Geoinformatics		

2022/23 1st Semester		BSc Civil Engineering, Infrastructural Engineering 3rd year				students
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-10:00	Management & B.Econ. BMEGT20A001		Highway & Railway Str. BMEEOUVAI41; EN0	+Highway and Railw. D. BMEEOUVAI43; EN0	RC. Structures EL111	
10:15-12:00	Highway and Railw. D. EN1	Water Quality Manag. BMEEOVKA144 EN0 K376	Highway and Railw. D. BMEEOUVAI43 EN0	Urban environment BMEEOVKA142 EN0		
12:15-14:00	Highway & Railway Str. BMEEOUVAI41 EN0	+Water Quality Manag. EN0 K376 #Hydrology 2 EN1	Hydrology 2 BMEEOVVAI41 EN0		Earthworks Earthworks	
14:15-16:00	Roads 14-16 K.f99 Foundation Eng. K.mf21 14:15-17:00	Public Works 2 EN0 Public Works 2 EN1	Management & B. Econ. BMEGT20A001	Steel Structures K.f12 14:15-17:00 K.f12	EN1 Earthworks	
16:15-18:00	Building C. I. K.184					

Civil Engineering	Structural Engineering	Infrastructural Eng.	Cross semesters
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STRUCTURAL ENGINEERING MSC PROGRAM

FROM 2017

	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
Geodynamics	BMEEOGMMS51	3	2					M	2
FEM for Civil Engineers	BMEEOTMMS51	5	2	2				E	1
Soil-Structure Interaction	BMEEOGMMS52	5	3	1				M	1
Structures 1	BMEEOHSMS51	5	3	1				E	1
Decision Supporting Methods	BMEEPEKMST4	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 Numerical Modeling									
Obligatory Subjects									
Numerical modeling project	BMEEOTMMS5P	5				2		M	2
Structural Dynamics	BMEEOTMMN-1	4	2	1				M	2
Stability of Structures	BMEEOHSMT-2	4	2	1				E	2
Nonlinear Mechanics	BMEEOTMMN-2	4	2	1				E	1
Elective Subjects		11							
Diploma Project	BMEEODHMN-D	20						M	3
Recommended Elective Subjects									
Plasticity	BMEEOTMMN61	3	1	1				M	2
Nonlinear FEM	BMEEOTMMN62	3	2					M	2
Analysis of Rods and Frames	BMEEOTMMN63	3	1	1				M	2
Discrete Element Method	BMEEOTMMN64	3	1	1				M	2
Specialization in Structures									
Obligatory Subjects									
Structures project	BMEEOHSMS5P	5				2		M	2
Structures 2	BMEEOHSMT-1	4	2	1				E	2
Stability of Structures	BMEEOHSMT-2	4	2	1				E	2
Seismic Design	BMEEOHSMT-3	4	2	1				M	2
Structural Dynamics	BMEEOTMMN-1	4	2	1				M	2
Elective Subjects		7							
Diploma Project	BMEEODHMT-D	20						M	3
Recommended Elective Subjects									
Applied Fracture Mechanics	BMEEOHSMT61	4	2	1				M	2
Prestressing Technologies	BMEEOHSMT62	3	1	1				M	2
Strengthening of Structures	BMEEOHSMT63	3	1	1				M	2
Specialization in Geotechnics and Geology									
Obligatory Subjects									
Geotechnics and engineering geology project	BMEEOGMMS5P	5				2		F	2
Engineering Geology MSc	BMEEOGMMG-1	4	2	1				V	2
Environmental Geology	BMEEOGMMG-2	4	2	1				F	1
Geotechnical Design	BMEEOGMMG-3	4	2	1				F	2
Earthworks of Infrastructures	BMEEOGMMG-4	4	2	1				F	2
Elective Subjects		7							
Diploma Project	BMEEODHMG-D	20						F	3
Recommended Elective Subjects									
Tunneling	BMEEOGMMG61	3	2					F	2
Hydrogeology	BMEEOGMMG62	3	2					F	2
Numerical Methods of Geotechnics	BMEEOGMMG63	3	1		1			F	1
Engineering Geology of Hungary	BMEEOGMMG64	3	2					F	2

	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
Dewatering	BMEEOVKMI53	3	2					M	2
Environmental economics (helyettesítő tárgy)	BMEGT42M400 (BMEGT42A011)	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	4	2					E	1
Intelligent Transportation Systems	BMEEOFTMF61	3	1	1				M	2
Transport economics	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	BMEEODHMF-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 modelling	BMEEOVKMV63	4	2	1				M	2
Reconstruction of public water utility systems	BMEEOVKMV64	3	2					M	1

Land Surveying and Geoinformatics Program

FROM 2021

	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
Geophysics	BMEEOAFMF51	3	2					M	1
Land Management	BMEEOAFMF52	3	2					M	1
Adjustment calculations (MSc)	BMEEOAFMF53	4	2	1				E	1
Digital Earth	BMEEOFTMF51	5	2	1				E	1
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 Land Surveying and Geoinformatics									
Obligatory Subjects									
GNSS Theory and Applications	BMEEOAFMF-1	5	2	1				E	2
Information Technologies	BMEEOFTMF-1	5	1	2				M	1
Automated Surveying	BMEEOAFMF-2	5	1	2				E	2
Applied Geoinformatics	BMEEOFTMF-2	5	1	2				M	2
Mapping Technologies	BMEEOFTMF-3	5	1	2				E	2
Recommended elective subjects		8	3	2					
Diploma project	BMEEODHMF-D	20							3
Recommended Elective Subjects									
Physical Geodesy and Gravimetry	BMEEOAFMF61	4	2	1				M	1
Geodetic Networks and Projections	BMEEOAFMF62	3	2					E	2
Intelligent Transportation Systems	BMEEOFTMF61	3	1	1				M	2
ITS Geoinformatics	BMEEOFTMF62	2				2		M	2

MSc program in Construction Information Technology Engineering

English Name	Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E****	Semester*****
Core Subjects									
Numerical Methods	BMEEOAFMB51	4			2			E	1
Construction Information Technology Mathematics	BMETE90MX__63	3	2					E	1
Building Information Modelling	BMEEOFTMB51	3	2					M	1
Decision Support Methods	BMEEPEKMB51	2	2					M	1
Construction Information Technology Engineering Project	BMEEODHMB5P	6				2		M	1
BIM Modelling and Design	BMEEOFTMB52	5			4			E	2
Civil Engineering Automation, Modelling	BMEEOHSMB51	5	1	2				E	2
Construction Information Technology Programming	BMEVIAUM__B51	6	1	4				M	2
Complex Construction IT project	BMEEODHMB5K	6				2		M	2
Argumentation, Negotiation, Presentation	BMEGT41M__B51	3	2					M	3
Technology Assessment	BMEGT41M__B52	2	2					M	3
*** Diploma Project	BMEEODHMB-D	20				1		M	3
Obligatory and recommended Elective Subjects									
1 st Obligatory Elective Subject*		8	2	4				E	1
2 nd Obligatory Elective Subject*		4	1	2				M	1
1 st Recommended Elective Subject*		4	2	1				M	2
2 nd Recommended Elective Subject*		4	2	1				M	2
Optional subjects	BMEEO	5						M	3

*Students with a BSc degree in Civil Engineering or Architecture (Student Group I.)

Obligatory Elective Subjects (at least 12 credits to complete)									
Programming	BMEVIEEM__B-1	8	2	4				E	1
Database Systems	BMEEOFTMB-1	4	1	2				M	1
Recommended Elective Subjects (at least 8 credits to complete)									
Structural Dynamics	BMEEOTMMN-1	4	2	1				M	2
Stability of Structures	BMEEOHSMT-2	4	2	1				E	2
FEM for Engineers	BMEEOTMMB-2	4	1	2				M	2
Numerical Methods in Geotechnics	BMEEOGMMB61	4	1		1			M	2
Automated Survey Systems	BMEEOAFMB61	4	1	2				M	2
Electrical Systems in Buildings	BMEVIVEM__B61	4	2					E	2
HVAC Basics	BMEGEÉEM__B61	4	2					M	2

*Students with a BSc degree in Mechanical Engineering/ Energy Engineering/ Mechatronics Engineering/ Electrical Engineering/ Computer Science (Student Group II.)

Obligatory Elective Subjects (at least 12 credits to complete)									
Building Constructions	BMEEOEMMB-1	8	2	4				M	1
Finite Element Modelling	BMEEOTMMB-1	4	1	2				E	1
Recommended Elective Subjects (at least 8 credits to complete)									
Construction Management	BMEEPEKMB61	4	2	1				M	2
Civil Engineering Structures and Modelling	BMEEOHSMB61	4	2	1				M	2
Constructions of Buildings and Structures	BMEEOEMMB61	4	2	1				M	2
Modelling of Hydrosystems	BMEEOVVMV-1	4	2	1				M	2
Electrical Systems in Buildings	BMEVIVEM__B61	4	2					M	2
HVAC Basics	BMEGEÉEM__B61	4	2					M	2

Optional Subjects

** Optional subject - internship (at company)	BMEEODHMOV2	5					20	M	3
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*The committee of the MSc program divides the students into groups according to their previous BSc studies in order to unify the output competences that are acquired with the completion of the master's program

**Any subject from other MSc programs of the University can be chosen.

***Taking the Diploma project subject is only possible if the student accomplished 33 credits from the mutual Core Subjects, 12 credits from the subjects of their own Student Group and at least 51 credits as a sum of the above mentioned two types of subjects.

**** The listed numbers of the semesters present the suggested schedule according to the curriculum.

*****Midterm grade/ Exam

2022/23 1st Semester		MSc Specialization in Structural Engineering Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Engineering Ethics BMEGT41M004 EA K.f88	Decision Supporting M. BMEEPEKMST4 EA K.mf79	Soil-Structure Inter. BMEEOGMMS52 EA K.f88	EN1 Numerical Methods K.f27c	Num. Meth. of Geotech. BMEEOGMMG63 EA, K.mf21	
9:15-10:00					01 Num. M. of Geotech.	
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88 EN1 Meth. of Eng. An.	EN5 Numerical Methods	EN1 Structures Project BMEEOHSM5P K.mf78	Nonlinear Mechanics BMEEOTMMN-2 EA K.mf78	
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.f27c	+EN2 Numerical Methods	FEM for Civil Eng. BMEEOTMMS51 EA K.f88	EN3 Numerical Methods K.142a	EN1 Nonlinear Mech. K.mf78	
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00	+Structures I. K.f88 BMEEOHSM51 #EN1 Structures I. K.f88	Corporate Finance BMEGT35M411 EA K.mf79	+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79 #EN1 Soil-Structure Inter.	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods #EN3 Numerical Methods	
15:15-16:00						
16:15-17:00	EN2 Numerical Methods K.f27c	Accounting, Controll BMEGT35M014 EA K.mf79	Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.	EN1 FEM for Civil Eng. K.f88		
17:15-18:00						

2022/23 1st Semester		MSc Specialization in Numerical Modelling Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Engineering Ethics BMEGT41M004 EA K.f88	Decision Supporting M. BMEEPEKMST4 EA K.mf79	Soil-Structure Inter. BMEEOGMMS52 EA K.f88	EN1 Numerical Methods K.f27c	Num. Meth. of Geotech. BMEEOGMMG63 EA, K.mf21	
9:15-10:00					01 Num. M. of Geotech.	
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88 EN1 Meth. of Eng. An.	EN5 Numerical Methods	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	Nonlinear Mechanics BMEEOTMMN-2 EA K.mf78	
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.f27c	+EN2 Numerical Methods	FEM for Civil Eng. BMEEOTMMS51 EA K.f88	EN3 Numerical Methods K.142a	EN1 Nonlinear Mech. K.mf78	
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00	+Structures I. K.f88 BMEEOHSM51 #EN1 Structures I. K.f88	Corporate Finance BMEGT35M411 EA K.mf79	+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79 #EN1 Soil-Structure Inter.	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods #EN3 Numerical Methods	
15:15-16:00						
16:15-17:00	EN2 Numerical Methods K.f27c	Accounting, Controll BMEGT35M014 EA K.mf79	Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.	EN1 FEM for Civil Eng. K.f88		
17:15-18:00						

2022/23 1st Semester		MSc Specialization in Geotechnics and Geology Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Engineering Ethics BMEGT41M004 EA K.f88	Decision Supporting M. BMEEPEKMST4 EA K.mf79	Soil-Structure Inter. BMEEOGMMS52 EA K.f88	EN1 Numerical Methods K.f27c	Num. Meth. of Geotech. BMEEOGMMG63 EA, K.mf21	
9:15-10:00					01 Num. M. of Geotech.	
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88 EN1 Meth. of Eng. An.	EN5 Numerical Methods	EN1 Geotech. projekt BMEEOGMMS5P K.mf78	Environmental Geology BMEEOGMMG-2 EA K.136	
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.f27c	+EN2 Numerical Methods	FEM for Civil Eng. BMEEOTMMS51 EA K.f88	EN3 Numerical Methods K.142a	01 Environ. Geology	
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00	+Structures I. K.f88 BMEEOHSM51 #EN1 Structures I. K.f88	Corporate Finance BMEGT35M411 EA K.mf79	+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79 #EN1 Soil-Structure Inter.	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods #EN3 Numerical Methods	
15:15-16:00						
16:15-17:00	EN2 Numerical Methods K.f27c	Accounting, Controll BMEGT35M014 EA K.mf79	Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.	EN1 FEM for Civil Eng. K.f88		
17:15-18:00						

Core Subjects	Structural Engineering	Numerical Modelling	Geotechnics&Geology	Electiv
Core Subjects (3st Sem.)				

2022/23 1st Semester		MSc Specialization in Highway and Railway Engineering Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Engineering Ethics BMEGT41M004 EA K.f88	Proj. Manag. in Transp. BMEEOUVMU-4 EA K.f99	Railway Operation BMEEOUVMU62 EA K.f99	EN1 Numerical Methods K.f27c	Railway Track Struct. BMEEOUVMU64 EA K.f99	
9:15-10:00						
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88	Transport. Modeling BMEEOUVMU61 EA K.f99	Transp. Strat. Plan. BMEEOUVMU-1 EA K.f99	Railway Track Struct. BMEEOUVMU64 EA Kf99	
11:15-12:00		EN1 Meth. of Eng. An.				
12:15-13:00	+EN1 Numerical Methods K.f27c	Ecology BMEEOVKMI52 EA K.mf30		01 Transp. Strat. Plan.		
13:15-14:00	#EN1 Advanced Math. K.f88			CAD Road and Rail Dsg. BMEEOUVMU66 EA Kf99		
14:15-15:00	+EN4 Numerical Methods	Corporate Finance BMEGT35M411 EA K.mf79	Environment. Econo. BMEGT42A011 EA K.mf30			
15:15-16:00						
16:15-17:00		Accounting, Controll BMEGT35M014 EA K.mf79	Environmental syst. BMEEOVKMI51 EA K.mf31	EN5 Numerical Methods K.142b		
17:15-18:00						
18-19	EN1 Database systems					
19-20						

2022/23 1st Semester		MSc Specialization in Water and Hydro-Environmental Engineering Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Engineering Ethics BMEGT41M004 EA K.f88	EN4 Numerical Methods		EN1 Numerical Methods K.f27c		
9:15-10:00			Dsg. of Wa. Dam. Prev. BMEEOVVMV62 EA			
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88	EN1 Dsg. of Wa. Dam. Prev	Modelling of Hydrosys. BMEEOVVMV-1 EA		
11:15-12:00		EN1 Meth. of Eng. An.				
12:15-13:00	+EN1 Numerical Methods K.f27c	Ecology BMEEOVKMI52 EA K.mf30	Reconstr. of water u.sys. BMEEOVKMV64 EA	EN1 Modelling of Hydrosys.		
13:15-14:00	#EN1 Advanced Math. K.f88			Water&waste. Treat.II. BMEEOVKMV-1 EA K.mf31		
14:15-15:00	+EN4 Numerical Methods	Corporate Finance BMEGT35M411 EA K.mf79	Environment. Econo. BMEGT42A011 EA			
15:15-16:00						
16:15-17:00	Water quality mon. BMEEOVKMV-2 EA	Accounting, Controll BMEGT35M014 EA K.mf79	Environmental syst. BMEEOVKMI51 EA K.mf31	Integrált vízgazd. BMEEOVVMX61 EA		
17:15-18:00						
18-19	EN1 Database systems			01 Integrált vízgazd.		
19-20						

2022/23 1st Semester		MSc Specialization in Land Surveying and Geoinformatics Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Engineering Ethics BMEGT41M004 EA K.f88	EN4 Numerical Methods		EN1 Numerical Methods K.f27c		
9:15-10:00						
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88	Land Management BMEEOAFMF52 EA	Adjust. Calculat. BMEEOAFMF53 EA		
11:15-12:00		EN1 Meth. of Eng. An.				
12:15-13:00	+EN1 Numerical Methods K.142b	Phys. Geod.& Grav. BMEEOAFMF61 EA	Digital Earth BMEEOFTMF51 EA	+EN1 Adjust. Calculat.		
13:15-14:00	#EN1 Advanced Math. K.f88			#EN1 Phys. Geod.& Grav.		
14:15-15:00	+EN4 Numerical Methods	Corporate Finance BMEGT35M411 EA K.mf79	+EN1 Digital Earth # Information Tech. BMEEOFTMF-1	Geophysics BMEEOAFMF51 EA		
15:15-16:00						
16:15-17:00		Accounting, Controll BMEGT35M014 EA K.mf79	EN1 Information Tech.	EN5 Numerical Methods K.142b		
17:15-18:00						
18-19						
Core Subjects		Infrastructural Branch	Highway and Railway Spec.	Water and Hydro-E. Spec.		
Core Subjects (3rd Sem.)		Land Surveying and Geoinformatics Specialization				

	2022/23 1st Semester	MSC in Construction Information Technology Engineering Fall Semester			
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00	Programming BMEVIHIA061	Building Information Modelling BMEEOFTMB51 EN0	Programming EN1 K.142a		
9:15-10:00	Building Constructions BMEEOEMMB-1				
10:15-11:00	Construction Information Technology Mathematics EN0 BMETE90MX63 (K.f88)	Finite Element Modelling EN1	Programming EN1 K.142a		
11:15-12:00			#Finite Element Modelling BMEEOTMMB-1		
12:15-13:00	Decision Support Methods BMEEPEKMB51 EN0	Building Constructions EN1	Numerical Methods EN2 Numerical Methods EN3		
13:15-14:00					
14:15-15:00	Database Systems BMEEOFTMB-1 +EN0	Building Constructions EN1	Construction Information Technology Engineering Project EN1		
15:15-16:00					
16:15-17:00	Database Systems EN1				
17:15-18:00					

Core Subjects	Students with a BSc degree in Civil Engineering or Architecture (Student Group I.)
Core Subjects	Students with a BSc degree in Mechanical Engineering/ Energy Engineering/ Mechatronics Engineering/ Electrical Engineering/ Computer Science (Student Group II.)