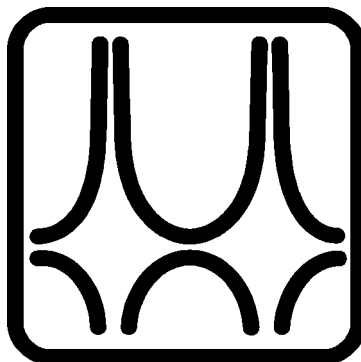




Budapest University of Technology and Economics

Timetable

**Study abroad and exchange 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

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																				
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										
Geology	BMEEOGMAT41	3	1	2				E	1	X										
Basis of Statics and Dynamics	BMEEOTMAT41	6		5				E	1	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	BMEEOFAT42	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.	BMEEOVVAT42	3	2	1				E	2		X									
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3			X				EOGMAT41	EOTMAT42			
Geoinformatics	BMEEOFAT43	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								
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	EOEMAT43~			
Roads	BMEEOUVAT42	2	2					M	4				X			EOUVAT41				
Hydraulic Engineering, Water Manag.	BMEEOVVAT43	3	2	1				E	4				X			EOVVAT41	EOVVAT42			
Foundation Engineering	BMEEOGMAT45	4	3					E	5				X			EOGMAT43				
Construction Management	BMEEPEKAT41	3	2	1				M	6					X		EOEMAT44	EOGMAT42			
Urban and Regional Development	BMEEOUVAT43	3	2					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			
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			
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			
Specialization in Structural Engineering																				
Steel Buildings	BMEEOHSAS-A1	5	3	1				E	6					X		EOHSAS47				
Reinforced Concrete Buildings	BMEEOHSAS-A2	5	3	1				E	6					X		EOHSAS42	EOHSAS44			
Building Construction Methodology	BMEEOEMA-A1	2	1	1				E	7						X	EOEMAS43				
Engineering Works	BMEEOHSAS-B3	3	2					E	7						X	EOHSAT43	EOHSAS43			
Structural Design Projectwork	BMEEOHSAS-PP	6				2		M	7						X	EODHAS41	EOHSAS-A1			
Preparatory Course for BSc Thesis Project	BMEEODHA-PT	9						M	8							X	EOHSAS-PP			
Bachelor Thesis Project	BMEEODHA-PS	15						M	8							X	EODHA-PT!			
Total number of credits		240																		
Total number of classes		184																		
Number of exams		23																		
Recommended Optional Subjects																				
Reinforced Concrete Bridges	BMEEOHSAS-B2	4	2	1				E	6							EOHSAS42	EOHSAS43			
Hungarian Culture Part 1	BMEGT658363	4	4					M												
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																			
Surveying I.	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									
Geology	BMEEOGMAT41	3	1	2				E	1	X									
Basis of Statics and Dynamics	BMEEOTMAT41	6		5				E	1	X									
Surveying II.	BMEEOFAT42	4	2	2				E	2		X						EOAFAT41	EOFTAT41	
Construction Materials I.	BMEEOMAT43	5	2		2			E	2		X						EOEMAT41		
Civil Engineering Informatics	BMEEOFAT42	5	2	2				M	2		X								
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 I.	BMEEOVVAT42	3	2	1				E	2		X						-		
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3			X					EOGMAT41	EOTMAT42	
Geoinformatics	BMEEOFAT43	3	2	1				M	3			X							
Basis of Design	BMEEHSAT41	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					-		
Earthworks	BMEEOGMAT43	3	2	1				E	4				X				EOGMAT42		
Steel Structures	BMEEHSAT42	3	3					M	4				X				EOTMAT42	EOEMAT43~	EOHSAT41
Reinforced Concrete Structures	BMEEHSAT43	3	3					M	4				X				EOTMAT42	EOEMAT43~	EOHSAT41
Roads	BMEEOUVAT42	2	2					M	4				X				EOUVAT41		
Hydraulic Engineering, Water Manag.	BMEEOVVAT43	3	2	1				E	4				X				EOVVAT41	EOVVAT42	
Foundation Engineering	BMEEOGMAT45	4	3					E	5					X			EOGMAT43		
Construction Management	BMEEPEKAT41	3	2	1				M	6						X		EOEMAT44	EOGMAT42	
Urban and Regional Development	BMEEOUVAT43	3	2					M	7							X	-		
Branch Subjects																			
Infrastructure CAD Course	BMEEOUVAI45	1			2			M	4				X				EOUVAT41	EOFTAT41	
Water Chemistry and Hydrobiology	BMEEOVKAI43	3	2		1			E	4				X				-		
* Legal Aspects of Water and Environment	BMEEOVKAI45	2	2					M	4				X				-		
Hydraulics 2	BMEEOVVAI42	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		M	5					X			EOVKAT41		
* Water Quality Management	BMEEOVKAI44	3	2	1				M	5					X			EOVKAI43	EOVVAI42	
Hydrology 2	BMEEOVVAI41	3	2	1				M	5					X			EOVVAT41		
Cross semesters: EMAT44, EMAS42, HSAT42, HSAT43, HSAS-A1, HSAS-A2, TMAT42, TMAS41, UVAT42, VVAT42, DHAS41, EKAT41																			

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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			Chemistry for Civ. Eng. K.f88	EN3 Surveying I. K.f27k	EN1 Surveying I. K.f27b EN2 Surveying I. K.f27k	EN5 Surveying I. K.f271 EN7 Surveying I. K.f271
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 EN3 Basis of Stat.&Dyn. K.375	EN6 Surveying I. K.f271	EN4 Geology K.136	
12:15-14:00	+Geology BMEEOGMAT41 #Surveying I. BMEEOAFAT41	EN2 Geology K.136		EN3 Geology K.136		
14:15-16:00	EN1/2/3 Basis of Stat.&D. K.mf78, K.f10, K.375				EN4 Surveying I. K.f271	
16:15-18:00						
18:15-20:00	Civil Eng. Representation K.f88					

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			+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			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			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			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			Chemistry for Civ. Eng. K.f88	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	EN2 Geology K.136	EN3 Basis of Stat.&Dyn. K.375	EN3 Geology K.136		
14:15-16:00	EN1/2/3 Basis of Stat.&D. K.mf78, K.f10, K.375				EN4 Surveying I. K.f27l	
16:15-18:00						
18:15-20:00	Civil Eng. Representation K.f88					

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			+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			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				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. BMEEOVKAI44 EN0 K376	Highway and Railw. D. BMEEOUVAI43 EN0	Urban environment BMEEOVKAI42 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			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									
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	BMEEOHSM51	5	3	1				E	1
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	BMEEOHSM5P	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

Infrastructural Engineering Program

FROM 2021

		Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester
Core Subjects										
	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
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									
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
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

2022/23 1st Semester		MSc Specialization in Structural Engineering Fall Semester				
		Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00				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		Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88	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		EN1Nonlinear Mech. K.mf78
13:15-14:00						
14:15-15:00	+Structures I. K.f88 BMEEOHSM51 #EN1 Structures I. K.f88		+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79	Structures I. BMEEOHSM51 EA K.f88		+EN5 Numerical Methods #EN3 Numerical Methods
15:15-16:00			#EN1Soil-Structure Inter.			
16:15-17:00	EN2 Numerical Methods K.f27c			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				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		Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88	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		EN1Nonlinear Mech. K.mf78
13:15-14:00						
14:15-15:00	+Structures I. K.f88 BMEEOHSM51 #EN1 Structures I. K.f88		+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79	Structures I. BMEEOHSM51 EA K.f88		+EN5 Numerical Methods #EN3 Numerical Methods
15:15-16:00			#EN1Soil-Structure Inter.			
16:15-17:00	EN2 Numerical Methods K.f27c			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				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		Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88	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		01Environ. Geology
13:15-14:00						
14:15-15:00	+Structures I. K.f88 BMEEOHSM51 #EN1 Structures I. K.f88		+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79	Structures I. BMEEOHSM51 EA K.f88		+EN5 Numerical Methods #EN3 Numerical Methods
15:15-16:00			#EN1Soil-Structure Inter.			
16:15-17:00	EN2 Numerical Methods K.f27c			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		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		Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88 EN1 Meth. of Eng. An.	Transport. Modeling BMEEOUVMU61 EA K.f99	Transp. Strat. Plan. BMEEOUVMU-1 EA K.f99	Railway Track Struct. BMEEOUVMU64 EA Kf99	
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.f27c	Ecology BMEEOVKMI52 EA K.mf30		01 Transp. Strat. Plan.		
13:15-14:00				CAD Road and Rail Dsg. BMEEOUVMU66 EA Kf99		
14:15-15:00	+EN4 Numerical Methods					
15:15-16:00						
16:15-17:00			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		EN4 Numerical Methods		EN1 Numerical Methods K.f27c		
9:15-10:00			Dsg. of Wa. Dam. Prev. BMEEOVVMV62 EA			
10:15-11:00		Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88 EN1 Meth. of Eng. An.	EN1 Dsg. of Wa. Dam. Prev	Modelling of Hydrosys. BMEEOVVMV-1 EA		
11:15-12:00						
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						
14:15-15:00	+EN4 Numerical Methods			Water&waste. Treat.II. BMEEOVKMV-1 EA K.mf31		
15:15-16:00						
16:15-17:00	Water quality mon. BMEEOVKMV-2 EA		Environmental syst. BMEEOVKMI51 EA K.mf31			
17:15-18:00						
18-19	EN1 Database systems					
19-20						

2022/23 1st Semester		MSc Specialization in Land Surveying and Geoinformatics Fall Semester				
Monday		Tuesday	Wednesday	Thursday	Friday	
8:15-9:00		EN4 Numerical Methods		EN1 Numerical Methods K.f27c		
9:15-10:00						
10:15-11:00		Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88 EN1 Meth. of Eng. An.	Land Management BMEEOAFMF52 EA	Adjust. Calculat. BMEEOAFMF53 EA		
11:15-12:00						
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 Phys. Geod.& Grav.	
14:15-15:00	+EN4 Numerical Methods		+EN1 Digital Earth	Geophysics BMEEOAFMF51 EA		
15:15-16:00			# Information Tech. BMEEOFTMF-1			
16:15-17:00			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				