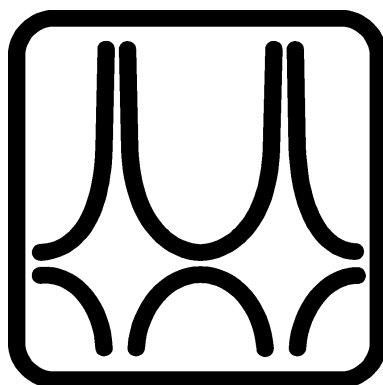




Budapest University of Technology and Economics

Timetable

Year 2021/22 - 1st Semester



Faculty of Civil Engineering

Year 2021/22 1st semester calendar

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

Semester

Repeat week

Exam period

Holiday

Pre-Engineering Courses in Civil Engineering

Subjects		Semesters (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	BMEEOEMP2	4		N
Freehand Drawing for CE	BMEEP2	2		N
Design Skills	BMEEP111	2		N
English for Studies 1.	BMEGT630101	6		N
Basic Mathematics II.	BMETETOPB23		5	N
Basic Mechanics	BMEEOTMPRE3		5	N
Basic Surveying	BMEEOAFP4		4	N
Basic Hydraulics	BMEEOVVPRE5		2	N
Fundamental of Structures	BMEEPSTG201		4	N
English for Studies 2.	BMEGT630102		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 BMEEOEMP2 K.376	
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	Basic Mathematics BMETETOPB22 K.372		English for Studies 1. BMEGT630101 K.371	Technical Drawing BMEEOEMP2 K.375
13:15-14:00				
14:15-15:00				English for Studies 1. BMEGT630101 K.371
15:15-16:00				
16:15-17:00	EN1 Basic Informatics BMEEOFTPRE1 K.142b	Design Skills BMEEP111 K.3R5		EN2 Basic Informatics BMEEOFTPRE1 K.142a
17:15-18:00				
18:15-19:00		Freehand Drawing for CE BMEEP2 K.3R1		
19:15-20:00				

EMK	EPK	TTK	GTK
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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.	BMEGT63A2E1	4	4					M	1	X										
Surveying I.	BMEEOFAT41	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	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.	BMEGT63A2E2	4	4					M	2		X									
Surveying II.	BMEEOFAT42	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									
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								
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~	EOHSAT41		
Reinforced Concrete Structures	BMEEOHSAT43	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			
Communication Skills for Civil Engineers	BMEGT60A6EO	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 Structural Analysis II.	BMEEOHSAS46	2			4			M	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				
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	BMEEOFAT42	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	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	EOGMAS42	
Structural Design Projectwork	BMEEOHSAS-PP	6				2		M	7						X	EOHSAS41	EOHSAS-A1	EOHSAS-A2		
Preparatory Course for BSc Thesis Project	BMEEODHA-PT	9						M	8							X	EOHSAS-PP			
Bachelor Thesis Project	BMEEODHA-PS	15						M	8							X	EOHSAS-PT!			
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	BMEEOHSAS-B2	4	2	1				E	6								EOHSAS42	EOHSAS43	EOHSAS44	
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.

2021/22 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	EN3 Surveying I. K.f27k Technical Drawing	EN1 Surveying I. K.f27b EN2 Surveying I. K.f27k	+Surveying I. K.mf79
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.f271	EN5 Surveying I. K.f271 EN7 Surveying I. K.f271 EN4 Geology K.136
12:15-14:00	+Geology K.f88	EN1/EN4 CAD for Civil Eng. K.142a/K.142b EN2 Geology K.136	EN3 Basis of Stat.&Dyn. K.375 University Experience 13-14	EN3 Geology K.136 Technical Drawing	
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	Hung.Lang.and Cult. SH 1.	EN4 Surveying I. K.f271
16:15-18:00	EN1-EMK Math. A1a K373 EN2-EMK Math. A1a K.374	CE Physics K.f88	Mathematics A1a K.f88		EN5 CAD for CE K.142b
18:15-20:00	Civil Eng. Representation K.f88	EN5 CAD for CE K.142b	Hung.Lang.and Cult. SH 1.		

2021/22 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. K.f10 #EN1 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	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	

2021/22 1st Semester		Specialization in Structural Engineering 3rd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	Management & B.Econ. K.389	RC & Masonry Str. K.f12	+ Constr. Mat. II. MM.P #Constr. Management K.389	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	EN1 Building Constr. II. K.183	+Structural Analysis II. K.f12 #EN1 Structural Analysis II. K.f12	
12:15-14:00		Constr. Management K.389	Structural An. II. K.f12 Strength of Mat. K.376	EN1 Construction Mat. II. MM.L2	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. K.f88	Steel Structures K.f12 14:15-17:00	EN1 Earthworks
16:15-18:00	Building C. I. K.184		+ Building Cnstr. I K.183	K.f12	

2021/22 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	Dynamics of Structures K.375	EN1 Design of Str. Project K.mf78	+EN1 Field C. of Str.Geod. 14-18 K.f271	Public Adm. and Land R.	

Civil Engineering	Structural Engineering	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	BMEEOHSM51	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	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

		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

2021/22 1st Semester		MSc Specialization in Structural Engineering Fall Semester			
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00	Engineering Ethics BMEGT41M004	Decision Supporting M. BMEEPEKMST4	Soil-Structure Inter. BMEEOGMMS52	EN1 Numerical Methods K.142b	Num. Meth. of Geotech. BMEEOGMMG63 EA, K.mf21
9:15-10:00	EA K.f88	EA K.mf79	EA K.f88		01 Num. M. of Geotech.
10:15-11:00	Advanced Mathematics BMETE90MX33	Meth. of Eng. Analysis BMEEOHSMK51	EN5 Numerical Methods	EN1 Structures Project BMEEOHSM5P K.mf78	
11:15-12:00	EA K.f88	EA, K.f88			
12:15-13:00	+EN1 Numerical Methods K.142b	#EN1 Structures I. K.f88	FEM for Civil Eng. BMEEOTMMS51	EN3 Numerical Methods K.142a	Nonlinear Mechanics BMEEOTMMN-2 EA K.mf78
13:15-14:00	#EN1 Advanced Math. K.f88	+EN2 Numerical Methods K.f27c	EA K.f88		
14:15-15:00	+Structures I. K.f88 BMEEOHSM51	Corporate Finance BMEGT35M411	+Soil-Structure Inter. BMEEOGMMS52	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods #EN3 Numerical Methods
15:15-16:00		EA K.mf79	EA, K.mf79		
16:15-17:00	EN2 Numerical Methods K.f27c	Accounting, Controll BMEGT35M014	#EN1Soil-Structure Inter.	EN1 FEM for Civil Eng. K.f88	
17:15-18:00		EA K.mf79	Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.		

2021/22 1st Semester		MSc Specialization in Numerical Modelling Fall Semester			
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00	Engineering Ethics BMEGT41M004	Decision Supporting M. BMEEPEKMST4	Soil-Structure Inter. BMEEOGMMS52	EN1 Numerical Methods K.142b	Num. Meth. of Geotech. BMEEOGMMG63 EA, K.mf21
9:15-10:00	EA K.f88	EA K.mf79	EA K.f88		01 Num. M. of Geotech.
10:15-11:00	Advanced Mathematics BMETE90MX33	Meth. of Eng. Analysis BMEEOHSMK51	EN5 Numerical Methods	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	
11:15-12:00	EA K.f88	EA, K.f88			
12:15-13:00	+EN1 Numerical Methods K.142b	#EN1 Structures I. K.f88	FEM for Civil Eng. BMEEOTMMS51	EN3 Numerical Methods K.142a	Nonlinear Mechanics BMEEOTMMN-2 EA K.mf78
13:15-14:00	#EN1 Advanced Math. K.f88	+EN2 Numerical Methods K.f27c	EA K.f88		
14:15-15:00	+Structures I. K.f88 BMEEOHSM51	Corporate Finance BMEGT35M411	+Soil-Structure Inter. BMEEOGMMS52	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods #EN3 Numerical Methods
15:15-16:00		EA K.mf79	EA, K.mf79		
16:15-17:00	EN2 Numerical Methods K.f27c	Accounting, Controll BMEGT35M014	#EN1Soil-Structure Inter.	EN1 FEM for Civil Eng. K.f88	
17:15-18:00		EA K.mf79	Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.		

2021/22 1st Semester		MSc Specialization in Geotechnics and Geology Fall Semester			
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00	Engineering Ethics BMEGT41M004	Decision Supporting M. BMEEPEKMST4	Soil-Structure Inter. BMEEOGMMS52	EN1 Numerical Methods K.142b	Num. Meth. of Geotech. BMEEOGMMG63 EA, K.mf21
9:15-10:00	EA K.f88	EA K.mf79	EA K.f88		01 Num. M. of Geotech.
10:15-11:00	Advanced Mathematics BMETE90MX33	Meth. of Eng. Analysis BMEEOHSMK51	EN5 Numerical Methods	EN1 Geotech. projekt BMEEOGMMS5P K.mf78	Environmental Geology BMEEOGMMG-2 EA K.136
11:15-12:00	EA K.f88	EA, K.f88			
12:15-13:00	+EN1 Numerical Methods K.142b	#EN1 Structures I. K.f88	FEM for Civil Eng. BMEEOTMMS51	EN3 Numerical Methods K.142a	01 Environm. Geology
13:15-14:00	#EN1 Advanced Math. K.f88	+EN2 Numerical Methods K.f27c	EA K.f88		
14:15-15:00	+Structures I. K.f88 BMEEOHSM51	Corporate Finance BMEGT35M411	+Soil-Structure Inter. BMEEOGMMS52	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods #EN3 Numerical Methods
15:15-16:00		EA K.mf79	EA, K.mf79		
16:15-17:00	EN2 Numerical Methods K.f27c	Accounting, Controll BMEGT35M014	#EN1Soil-Structure Inter.	EN1 FEM for Civil Eng. K.f88	
17:15-18:00		EA K.mf79	Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.		

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

2021/22 1st Semester		MSc Specialization in Highway and Railway Engineering Power Plants 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.142b		
9:15-10:00						
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88 EN1 Meth. of Eng. An.	Transp. Modeling BMEEOUVMU61 EA K.f99	Transp. Strat. Plan. BMEEOUVMU-1 EA K.f99		
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.142b	Ecology BMEEOVKMI52 EA K.mf30		01 Transp. Strat. Plan.		
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00	Railway Track Struct. BMEEOUVMU64 EA K.f99	Corporate Finance BMEGT35M411 EA K.mf79	Environment. Econo. BMEGT42A011 EA K.mf30	CAD Road and Rail Dsg. BMEEOUVMU66 EA Kf99		
15:15-16:00						
16:15-17:00	Railway Track Struct. BMEEOUVMU64 EA Kf99	Accounting, Controll BMEGT35M014 EA K.mf79	Environmental syst. BMEEOVKMI51 EA K.mf31			
17:15-18:00						
18-19	EN1 Database systems					
19-20						

2021/22 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			EN1 Numerical Methods K.142b		
9:15-10:00						
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88 EN1 Meth. of Eng. An.	Modelling of Hydrosys. BMEEOVVMV-1 EA 01 Modelling of Hydrosys.	Dsg. of Wa. Dam. Prev. BMEEOVVMV62 EA		
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.142b	Ecology BMEEOVKMI52 EA K.mf30	Reconstr.of water u.sys. BMEEOVKMV64 EA	01 Dsg. of Wa. Dam. Prev.		
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00	Water quality mon. BMEEOVKMV-2 EA	Corporate Finance BMEGT35M411 EA K.mf79	Environment. Econo. BMEGT42A011 EA	Water&waste. Treat.II. BMEEOVKMV-1 EA K.mf31		
15:15-16:00						
16:15-17:00		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						

2021/22 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		Land Management BMEEOAFMF52 EA	EN1 Numerical Methods K.142b		
9:15-10:00						
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHMS51 EA, K.f88 EN1 Meth. of Eng. An.	Geophysics BMEEOAFMF51 EA	Adjust. Calculat. BMEEOAFMF53 EA		
11:15-12:00						
12:15-13:00	+EN1 Numerical Methods K.142b		Digital Earth BMEEOFTMF51 EA	+EN1 Adjust. Calculat. #EN1 Phys. Geod.& Grav.		
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00		Corporate Finance BMEGT35M411 EA K.mf79	+EN1 Digital Earth # Information Tech. BMEEOFTMF-1	Phys. Geod.& Grav. BMEEOAFMF61 EA K.f27a		
15:15-16:00						
16:15-17:00		Accounting, Controll BMEGT35M014 EA K.mf79	EN1 Information Tech.			
17:15-18:00						

A mintaórendben használt jelölések:

Core Subjects	Infrastructure MSc	Highway and Railway	Water and Hydro-Environ.
		Land Surveying and Geoinformatics	Core Subjects (3rd Sem.)