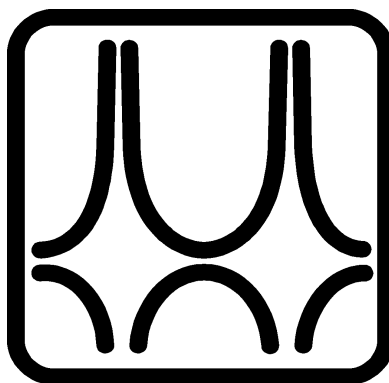




Budapest University of Technology and Economics

Timetable

**International full time students
Year 2021/22 - 2nd Semester**



Faculty of Civil Engineering

BSc-MSc course year 2021/22 2nd semester calendar

Edu week	even(#)/odd(+)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb
-----Registration week-----								
1	+	14-Feb Study period start	15-Feb	16-Feb	17-Feb	18-Feb	19-Feb	20-Feb
2	#	21-Feb	22-Feb	23-Feb	24-Feb	25-Feb	26-Feb	27-Feb
3	+	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar
4	#	7-Mar	8-Mar	9-Mar	10-Mar	11-Mar	12-Mar	13-Mar
5	+	14-Mar Holyday	15-Mar National holiday	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar
6	#	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar Workday (Monday)	27-Mar
7	+	28-Mar	29-Mar	30-Mar	31-Mar	1-Apr	2-Apr	3-Apr
8	#	4-Apr	5-Apr	6-Apr	7-Apr	8-Apr Vásárhelyi days	9-Apr	10-Apr
9	+	11-Apr	12-Apr	13-Apr	14-Apr Spring hoiliday	15-Apr Good Friday	16-Apr	17-Apr Easter
10	#	18-Apr Easter	19-Apr Spring hoiliday	20-Apr Spring hoiliday	21-Apr	22-Apr	23-Apr	24-Apr
11	+	25-Apr	26-Apr	27-Apr	28-Apr	29-Apr	30-Apr	1-May Workers' Day
12	#	2-May	3-May	4-May	5-May	6-May	7-May	8-May
13	+	9-May	10-May	11-May	12-May	13-May	14-May	15-May
14	#	16-May	17-May	18-May	19-May	20-May Study period end	21-May	22-May
		23-May	24-May	25-May	26-May	27-May	28-May	29-May
-----Repeat week-----								
		30-May State Exam per. start	31-May	1-Jun	2-Jun	3-Jun	4-Jun	5-Jun
		6-Jun Exam per. start	7-Jun	8-Jun	9-Jun	10-Jun	11-Jun	12-Jun Pentecost
		13-Jun Pentecost	14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun
		20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun
		27-Jun Exam per. end	28-Jun	29-Jun	30-Jun	1-Jul	2-Jul	3-Jul
						State Exam per. end		

The last examination day of the subjects taught by the Faculty of Civil Engineering in the BSc program is 1 July because of the Field courses.

Diligence period:

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	BMEEOEMPRES2	4		N
Freehand Drawing for CE	BMEEPFRAG121	2		N
Design Skills	BMEEPFRAG111	2		N
English for Studies 1.	BMEGT630101	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.	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**

	2021/22 2nd Semester				
	Pre-Engineering Courses in Civil Engineering				
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00			Basic Mechanics BMEEOTMPRE3	Basic Hydraulics BMEEOVVPRES5 K.376	Basic Surveying BMEEOAFPRES4 K.f27b
9:15-10:00					
10:15-11:00			Basic Surveying BMEEOAFPRES4 K.f27a		Basic Mechanics BMEEOTMPRE3
11:15-12:00					
12:15-13:00			English for Studies 2. BMEGT630102	English for Studies 2. BMEGT630102	
13:15-14:00					
14:15-15:00	Fundamental of Struct. BMEEPSTG201	Basic Mathematics II. BMETETOPB23	English for Studies 2. BMEGT630102	English for Studies 2. BMEGT630102	
15:15-16:00			Basic Mathematics II. BMETETOPB23	Fundamental of Struct. BMEEPSTG201	
16:15-17:00	Basic Mathematics I. BMETETOPB22				
17:15-18:00				Basic Mathematics I. BMETETOPB22	
18:15-19:00					
	Civil Eng.	Achitect.	Natural Sci.	Language	Cross-semester

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.	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	BMEEOTAT41	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.	BMEEOFAT42	4	2	2				E	2		X						EOAFAT41 EOFTAT41	
Construction Materials I.	BMEEOEMAT43	5	2		2			E	2		X						EOEMAT41	
Civil Engineering Informatics	BMEEOTAT42	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	BMEEOTAT43	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	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 Structural Analysis II.	BMEEOHSAS46	2			4			M	5				X				EOHSAT42 EOHSAT43	
Rock Mechanics	BMEEOTMAS42	4	3	1				M	5				X				EOTMAS41 TE90AX07	
Underground Structures, Deep Found.	BMEEOGMAS41	3	1	1				M	6					X			EOGMAT41	
3D Constructional Modelling of Structures	BMEEOGMAS42	3	2	1				M	6					X			EOGMAT45	
Design of Structures Projectwork	BMEEOHSAS5	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	BMEEOFAT43	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	BMEEOHSAS41	5	3	1				E	6						X		EOHSAS47	
Reinforced Concrete Buildings	BMEEOHSAS42	5	3	1				E	6						X		EOHSAS42 EOHSAS44	
Building Construction Methodology	BMEEOEMA-A1	2	1	1				E	7						X		EOEMAS43	
Engineering Works	BMEEOHSAS43	3	2					E	7						X		EOHSAT43 EOHSAS43 EOGMAS42	
Structural Design Projectwork	BMEEOHSAS-PP	6			2			M	7						X		EOHSAS41 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						X		EOHSAS42 EOHSAS43 EOHSAS44	
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, TMS41, 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 2nd Semester		BSc Civil Engineering 1st year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 English for CE 2 K.375 EN2 English for CE 2 K.376	EN1 English for CE 2 K.375 EN2 English for CE 2 K.376	EN2 Surveying II. K.f27k	EN1 Constr. Mat. I. MM.L2 EN2 Constr. Mat. I. MM.L3 EN3 Constr. Mat. I. MM.L4 EN4 Constr. Mat. I. MM.P	EN5 Surveying II. K.f27k
10:15-12:00	EN2 B. Const. Study K.144 EN1 Basis of Stat.&Dyn. K.mf78	Hydraulics I. K.f10	Constr. Materials I. K.f88	Surveying II. K.f88	EN6 Surveying II. EN2 CE Informatics K.142a #Building Con. St. K.389
12:15-14:00	EN1 Intr.to Str. of M. K.373 EN2 Intr.to Str. of M. K.mf78 EN1 CAD for Civil E. K.142b	Civil Eng. Representation K.375 EN1 Basis of Stat.&Dyn. K.mf78	+EN1 Intr. to Str. K.mf78 #EN2 Intr. to Str. K.mf78 #EN1 Hydraulics I. K.371 +EN1 Hydraulics I. K.371	CE Informatics K.f88	EN3 CE Informatics K.142a EN4 CE Informatics K.142b #EN1 Basis of Stat.&Dyn. K.mf78
14:15-16:00	EN1 CE Informatics K.142a	EN1 Surveying II. K.f27b	EN1 B. Const. Study K.183 EN2 CAD for Civil E. K.142b	EN3/EN4 Surveying II. K.f27k / K.f27b	EN1 Intr. to Str. of M. K.373 EN2 Intr. to Str. of M. K.mf78
16:15-18:00	Mathematics A2a K.389	EN1 Civil Eng. Representation K.375	EN1 Mathem. A2a K.374 EN2 Mathem. A2a K.375	Mathematics A2a K.389	

Surveying Field Course EN1 2019. 06. 11 - 19 EN2 2019. 06. 20 - 28

2021/22 2nd Semester		BSc Civil Engineering 2nd year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Building Const. I. K.183	+ Steel Structures K.f12 #Reinf. Concr. Str. K.f12 K.f12	Reinf. Concrete Str. K.f12	Hydr. Eng. & Water Man. K.f88	EN1 Soil Mechanics K.374
10:15-12:00	Business Law K.f88 Hydrology I K.f10	#Building Constr. I. +EN1 Earthworks +Building Constr. II.	+EN1 Hydr. Eng. & Water Man K.f10 +EN2 Hydr. Eng. & Water Man K.f10	Steel Structures	
12:15-14:00	+ Steel Structures K.f12	Structural Analysis I. K.mf78	Earthworks EA Soil Mechanics K.mf21	Timber Structures	
14:15-16:00	Roads K.f99 EN1 Building Const. II. K.144 Railway Tracks K.373 14:15-17:00	Basics of Env. Eng. K.371	+EN2 Earthworks #EN1 Public Works +EN1 Hydrology I.	Strength of Materials K.389	
16:15-18:00			Public Works I. K.mf31	Structural An. I. K.372	

2021/22 2nd Semester		BSc Branch of Structural Engineering 3rd year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00		Reinf. Concr. Buildings EL111	Micro&Macroeconomics K.f88	+Reinf. Concr. Buildings EL111 #EN1 Reinf. Concr. Build. EL111	Underground Str. K.mf21
10:15-12:00	Bridges and Infrastr. K.f12	EN1 Design of Structures Projektwerk EL111	EN1 3D Constr. Mod. of Str. K.f12	+Steel Buildings EL111 #EN1 Steel Buildings EL111	#EN1 Underground Str. K.mf21
12:15-14:00	Steel and Composite Str. EL111	Steel Buildings EL111	Constr. Management K.f88 Engineering Works EL111	Micro&Macroeconomics K.389	Reinf. Concr. Bridges K.f12
14:15-16:00	+Steel and Comp.Str. K.mf78	+ Rock Mechanics K.mf21 #EN1 Rock Mechanics K.mf21	Comm. Skills for CE K.376	+N1 Constr. Management K.389 #EN2 Rock Mechanics K.136	EN1 Reinf. Concr. Bridges K.f12
16:15-18:00	EN1 Structural Design Projektwerk K.f12				

2021/22 2nd Semester		BSc Civil Engineering 1st year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 English for CE 2 K.375	EN1 English for CE 2 K.375	EN2 Surveying II. K.f27k	EN1 Constr. Mat. I. MM.L2 EN2 Constr. Mat. I. MM.L3	EN5 Surveying II. K.f27k
	EN2 English for CE 2 K.376	EN2 English for CE 2 K.376	EN2 CAD for Civil E. K.142b	EN3 Constr. Mat. I. MM.L4 EN4 Constr. Mat. I. MM.P	EN2 CE Informatics K.142a
10:15-12:00	EN2 B. Const. Study K.144	Hydraulics I. K.f10	Constr. Materials I. K.f88	Surveying II. K.f88	EN6 Surveying II. K.f27k
	EN1 Basis of Stat.&Dyn. K.mf78				# Building Con. St. K.389
12:15-14:00	EN1 Intr.to Str. of M. K.373	Civil Eng. Representation K.375	+EN1 Intr. to Str. K.mf78 #EN2 Intr. to Str. K.mf78 #EN1 Hydraulics I. K.371 +EN1 Hydraulics I. K.371	CE Informatics K.f88	EN3 CE Informatics K.142a
	EN2 Intr.to Str. of M. K.mf78 EN1 CAD for Civil E. K.142b				EN1 Basis of Stat.&Dyn. K.mf78
14:15-16:00	EN1 CE Informatics K.142a	EN1 Surveying II. K.f27b	EN1 B. Const. Study K.183	EN3/EN4 Surveying II. K.f27k / K.f27b	EN1 Intr. to Str. of M. K.373 EN2 Intr. to Str. of M. K.mf78
16:15-18:00	Mathematics A2a K.389	EN1 Civil Eng. Representation K.375	EN1 Mathem. A2a K.374 EN2 Mathem. A2a K.375	Mathematics A2a K.389	

Surveying Field Course EN1 2019. 06. 11 - 19 EN2 2019. 06. 20 - 28

2021/22 2nd Semester		BSc Civil Engineering, Infrastructural Engineering 2nd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00		+ Steel Structures K.f12	Reinf. Concrete Str. K.f12	Hydr. Eng. & Water Man. K.f88	EN1 Soil Mechanics K.374
		# Reinf. Concr. Str. K.f12 K.f12			
10:15-12:00	Business Law K.f88	+EN1 Earthworks	+EN1Hydr.Eng.&Water Man K.f10	Steel Structures	Hydraulics 2 K.f88
	Hydrology I K.f10	#EN1 Hydraulics 2 K.f10	#EN2Hydr.Eng.&Water Man K.f10		
12:15-14:00	+ Steel Structures K.f12	Structural Analysis I. K.mf78	Earthworks EA	Legal Aspects of Water and Environment EA K.mf31	01 Hydraulics 2 K.f88
			Soil Mechanics K.mf21		
14:15-16:00	Roads K.f99	Basics of Env. Eng. K.371	+EN2 Earthworks	Water Chem. & Hydrob. EA K.mf31	Water Chem. & Hydrob. EN1 laboratory
	Railway Tracks K.373		#EN1 Public Works +EN1 Hydrology I.		
16:15-18:00	14:15-17:00	EN1 Infrastr. CAD Course EN2 Infrastr. CAD Course	Public Works I. K.mf31	Structural An. I. K.372	14-18 2 * 4 hours laboratory

Civil Engineering Structural Engineering **Infrastructural Engineering** Cross semesters

	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		M	2
Engineering Geology MSc	BMEEOGMMG-1	4	2	1				E	2
Environmental Geology	BMEEOGMMG-2	4	2	1				M	1
Geotechnical Design	BMEEOGMMG-3	4	2	1				M	2
Earthworks of Infrastructures	BMEEOGMMG-4	4	2	1				M	2
Elective Subjects		7							
Diploma Project	BMEEODHMG-D	20						M	3
Recommended Elective Subjects									
Tunneling	BMEEOGMMG61	3	2					M	2
Hydrogeology	BMEEOGMMG62	3	2					M	2
Numerical Methods of Geotechnics	BMEEOGMMG63	3	1		1			M	1
Engineering Geology of Hungary	BMEEOGMMG64	3	2					M	2

Structures in Nuclear Power Plants Program

FROM 2020

	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
Nuclear and Reactor Physics Fundamentals	BMETE80MX00	5	3	1				E	1
Thermal Hydraulics of Nuclear Power Plants	BMEEOTE	5	3	1				E	2
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							1
Specialization in Structures in Nuclear Power Plants									
Obligatory Subjects									
Nuclear Power Plants	BMETE80MF14	5	3	1				M	2
Extreme Actions on Structures	BMEEOHSM A-1	3	2					E	2
Seismic Design	BMEEOHSM T-3	4	2	1				M	2
Containment Building	BMEEOHSM A-2	3	2					M	2
Elective Subjects		11							
Diploma Project	BMEEODHMT-D	20						M	3
Recommended Elective Subjects									
Structures in Nuclear Power Plants project	BMEEOHSM A6P	5				2		M	2
Stability of Structures	BMEEOHSM T-2	4	2	1				E	2
Structural Dynamics	BMEEOTMMN-1	4	2	1				M	2
Structures 2	BMEEOHSM T-1	4	2	1				E	2
Applied Fracture Mechanics	BMEEOHSM T61	4	2	1				M	2
Prestressing Technologies	BMEEOHSM T62	3	1	1				M	2
Strengthening of Structures	BMEEOHSM T63	3	1	1				M	2
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

Infrastructural Engineering 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
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 2nd Semester		MSc Specialization in Structural Engineering Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Stability of Structures BMEEOHSMT-2 EA	Seismic Design BMEEOHSMT-3 EA	Strengthening of Str. BMEEOHSMT63	EN1 Numerical Methods	*+Meth. of Eng. Analysis BMEEOHSMT61 EA, K.f12	
9:15-10:00			EN1 Strengthening of Str			#EN1 Meth. of Eng. An.
10:15-11:00	EN1 Stability of Str.	EN1 Seismic Design	EN1 Structures Project BMEEOHSMT5P	Plasticity BMEEOTMMN61 EA, K.mf78	Prestressing Tech. BMEEOHSMT62, K.f12 EN1 Prestressing Tech.	
11:15-12:00	Structural Dynamics BMEEOTMMN-1 EA	Nonlinear FEM BMEEOTMMN62 EA	EN2 Numerical Methods			EN1 Plasticity
12:15-13:00			Geodynamics BMEEOGMMS52 EA	Structures II. BMEEOHSMT-1 EA	#EN2 Numerical Meth.	
13:15-14:00	EN1 Structural Dynamics					
14:15-15:00	Applied Fracture Mech. BMEEOHSMT61 EA	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA2	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA1	EN1 Structures II.	Hung.Lang.and Cult. SH 2. BMEGT60Z9H2	
15:15-16:00				An. of Rods&Frames BMEEOTMMN63		
16:15-17:00	01 Appl. Fracture Mech.			EN1 An.of Rods&Frames Discrete Element Meth. BMEEOTMMN64 EA		
17:15-18:00						
-19:00				EN1 Discrete Methods		

2021/22 2nd Semester		MSc Specialization in Numerical Modelling Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Stability of Structures BMEEOHSMT-2 EA	Seismic Design BMEEOHSMT-3 EA	Strengthening of Str. BMEEOHSMT63 EA, K.389	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	*+Meth. of Eng. Analysis BMEEOHSMT61 EA, K.f12	
9:15-10:00			EN1 Strengthening of Str			EN1 Numerical Methods
10:15-11:00	EN1 Stability of Structures	EN1 Seismic Design	EN2 Numerical Meth.	Plasticity BMEEOTMMN61 EA	Prestressing Tech. BMEEOHSMT62, K.f12 EN1 Prestressing Tech.	
11:15-12:00	Structural Dynamics BMEEOTMMN-1 EA	Nonlinear FEM BMEEOTMMN62 EA	Geodynamics BMEEOGMMS52 EA K.389	EN1 Plasticity		#EN1 Numerical Meth.
12:15-13:00				Structures II. BMEEOHSMT-1 EA	#EN2 Numerical Meth.	
13:15-14:00	EN1 Structural Dynamics					
14:15-15:00	Applied Fracture Mech. BMEEOHSMT61 EA	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA2	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA1	EN1 Structures II.	Hung.Lang.and Cult. SH 2. BMEGT60Z9H2	
15:15-16:00				An. of Rods&Frames BMEEOTMMN63		
16:15-17:00	01 Appl. Fracture Mech.			EN1 An.of Rods&Frames Discrete Element Meth. BMEEOTMMN64 EA		
17:15-18:00						
-19:00				EN1 Discrete Methods		

2021/22 2nd Semester		MSc Specialization in Geotechnics and Geology Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Eng. Geology MSc BMEEOGMMG-1 EA		Hydrogeology BMEEOGMMG62 EA	EN1 Numerical Methods	*+Meth. of Eng. Analysis BMEEOHSMT61 EA, K.f12	
9:15-10:00			EN1 Eng. Geology MSc			EN2 Numerical Meth.
10:15-11:00	EN1 Eng. Geology MSc		EN2 Numerical Meth.		#EN1 Numerical Meth.	
11:15-12:00	Earthworks of Infrastr. BMEEOGMMG-4 EA	Eng. Geology of HU BMEEOGMMG64 EA	Geodynamics BMEEOGMMS51 EA	EN1 Geotech. projekt BMEEOGMMS5P	#EN2 Numerical Meth.	
12:15-13:00						EN1 Earthw. of Infrastr.
13:15-14:00						
14:15-15:00	Tunneling BMEEOGMMG61 EA	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA2	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA1	Geotechnical Design BMEEOGMMG-3 EA	Hung.Lang.and Cult. SH 2. BMEGT60Z9H2	
15:15-16:00				EN1 Geotech. Design		
16:15-17:00				Discrete Element Meth. BMEEOTMMN64		
17:15-18:00				EN1 Discrete Methods		

Core Subjects	Structural Engineering	Numerical Modelling	Geotechnics&Geology	Electiv
		Cross Semester		

2021/22 2nd Semester	MSc Specialization in Structures in Nuclear Power Plants Fall Semester				
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	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.142b		
9:15-10:00						
10:15-11:00	Advanced Mathematics BMETE90MX33 EA K.f88	Meth. of Eng. Analysis BMEEOHSMK51 EA, K.f88	EN5 Numerical Methods K.142b	Struct. in Nuclear project BMEEOHSM6P K.mf78	Structural Dynamics BMEEOTMMN-1 EA K.mf78	
11:15-12:00		EN1 Meth. of Eng. An.				
12:15-13:00	+EN1 Numerical Methods K.142b	+EN1 Structures I. K.f88		EN3 Numerical Methods K.142a	01 Szerk. dinamikája	
13:15-14:00	#EN1 Advanced Math. K.f88					
14:15-15:00	+Structures I. K.f88 BMEEOHSM51	Corporate Fin. BMEGT35M411 EA K.mf79	Nuc.&Reac. Phy.Fund. BMETE80MX00 EA (T0)	+Soil-Structure Inter. BMEEOGMMS52 EA, K.mf79	Structures I. BMEEOHSM51 EA K.f88	+EN5 Numerical Methods K.142a
15:15-16:00	#EN3 Numerical Methods K.f30a			#EN1 Soil-Structure Inter.		
16:15-17:00		Accounting, Cont. BMEGT35M014 EA K.mf79				
17:15-18:00				Hung.Lang.and Cult. SH 1. Sz16_EOMSc_1,_2,_3.		

Core Subjects (online) presence	Structural Engineering	Structural Engineering	Structures in Nuclear Power Plants online	Elective (online) Electiv (presence)
Cross Semester (presence)		Cross Semester (online)		

2021/22 2nd Semester		MSc Specialization in Highway and Railway Engineering Power Plants Fall Semester			
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-9:00		Intelligent Transp. Syst. BMEEOFTMF61 EA	EN1 Database Systems	EN1 Numerical Methods	Pavement Structures BMEEOUVMU63 EA
9:15-10:00	Railway Station Design BMEEOUVMU-2 EA	EN1 Intellig. Transp.Syst.			
10:15-11:00		Transport economics BMEEOUVMU65 EA	EN2 Numerical Methods	Pavement Structures BMEEOUVMU63 EA	#EN1 Numerical Meth.
11:15-12:00	01 Vasúti állomásterv.				
12:15-13:00	Dewatering BMEEOVKMI53 EA K.mf79	infrastr. Manag. Syst. BMEEOUVMU-3 EA			#EN2 Numerical Meth.
13:15-14:00					
14:15-15:00	Engin. works of infrastr. BMEEOHSMI51 EA K.mf79		Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA2		Hung.Lang.and Cult. SH 2. BMEGT60Z9H2
15:15-16:00			Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA1		
16:15-17:00					
17:15-18:00					

2021/22 2nd Semester		MSc Specialization in Water and Hydro-Environmental Engineering Fall Semester			
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-9:00	Groundwater BMEEOVVMV63 EA	Pub. water ut.Syst.Mod. BMEEOVKMMV63 EA	EN1 Database Systems	EN1 Numerical Methods	Desg.of Water-Use Str. BMEEOVVMV61 EA K.371
9:15-10:00				Hydrogr. & Hydroinf. BMEEOVVMV64 EA	
10:15-11:00	Water quality manag. BMEEOVKMMV62 EA	EN1 Pub. water ut.Syst.Mod.	EN2 Numerical Methods	EN1 Hydrogr. & Hydroinf.	EN1 Desg.of W.Use Str.
11:15-12:00	EN1 Water quality manag.	Water&wastw.Treat.plan. BMEEOVKMMV61 EA			#EN1 Numerical Meth.
12:15-13:00	Dewatering BMEEOVKMI53 EA K.mf79			Hydromorphology BMEEOVVMV-2 EA	#EN2 Numerical Meth.
13:15-14:00		Water&wastw.Treat.plan. EN1			
14:15-15:00	Engin. works of infrastr. BMEEOHSMI51 EA K.mf79		Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA2		Hung.Lang.and Cult. SH 2. BMEGT60Z9H2
15:15-16:00			Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA1		
16:15-17:00					
17:15-18:00					

2021/22 2nd Semester		MSc Specialization in Land Surveying and Geoinformatics Fall Semester			
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-9:00	GNSS Theory & App. BMEEOAFMF-1 EA K.f27a	Intelligent Transp. Syst. BMEEOFTMF61 EA		EN1 Numerical Methods	
9:15-10:00		EN1 Intellig. Transp.Syst.			
10:15-11:00	+EN1 GNSS Theory&App. K.f27a	EN1 ITS Geoinformatics K.142b	EN2 Numerical Methods	EN1 Automated Surveying K.f27c	#EN1 Numerical Meth.
11:15-12:00					
12:15-13:00		Applied Geoinformatics BMEEOFTMF-2		#Automated Surveying BMEEOAFMF-2 EA K.f27c	#EN2 Numerical Meth.
13:15-14:00		EN1 Applied Geoinfor. K.142b			
14:15-15:00					Hung.Lang.and Cult. SH 2. BMEGT60Z9H2
15:15-16:00		Mapping Technologies BMEEOFTMF-3	Physic Laboratory BMETE11MX22 F32L1 3 times in the sem. EA1		
16:15-17:00		EN1 Mapping Techn. K.142b			
17:15-18:00					

A mintaórarendben használt jelölések:

Core Subjects	Infrastructural Eng.	Highway and Railway Engineering
Land Surveying and Geoinformatics		Water and Hydro-Environmental Engineering