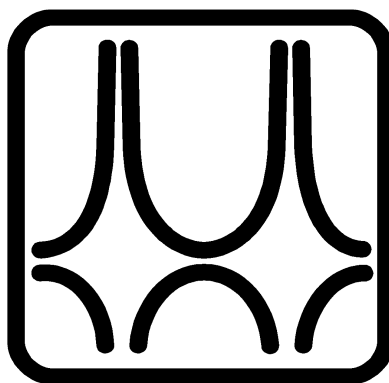




**Budapest University of Technology and Economics**

# Timetable

**Study abroad and exchange students  
Year 2020/21 - 2nd Semester**



**Faculty of Civil Engineering**

BSc-MSc course year 2020/21 2nd semester calendar

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

The last examination day of the subjects taught by the Faculty of Civil Engineering in the BSc program is 21 June because of the Field courses.

Diligence period:

Repeat week:

Exam period:

Holiday:

**CIVIL ENGINEERING BSC - 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			
<b>Core subjects</b>																				
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							-			
Geology	BMEEOGMAT41	3	1	2				E	1	X							-			
Basis of Statics and Dynamics	BMEEOTMAT41	6	5	5				E	1	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	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~	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		
Foundation Engineering	BMEEOGMAT45	4	3					E	5					X			EOGMAT43			
Communication Skills for Civil Engineers	BMEGT60A6EO	2		2				M	6						X		-			
Urban and Regional Development	BMEEOUVAT43	3	2					M	7							X	-			
<b>Branch Subjects</b>																				
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	EOGMAT45	
Public Administration and Land Registry	BMEEOUVAT44	3	2					M	7							X				
Dynamics of Structures	BMEEOTMAS43	3	2					M	7							X	EOTMAT43	TE90AX02		
<b>Specialization in Structural Engineering</b>																				
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!		
<b>Recommended Optional Subjects</b>																				
Reinforced Concrete Bridges	BMEEOHSAS-B2	4	2	1				E	6								EOHSAS42	EOHSAS43	EOHSAS44	
<b>Cross semesters: EMAT44, EMAS42, HSAT42, HSAT43, HSAS-A1, HSAS-A2, TMAT42, TMAS41, UVAT42, VVAT42, DHAS41, EKAT41</b>																				

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.

2020/21 2nd Semester		BSc Civil Engineering 1st year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00				EN1 Constr. Mat. I. MM.L2 EN2 Constr. Mat. I. MM.L3 EN3/EN4 Surveying II.	EN1 Intr.to Str. of M. EN2 Intr.to Str. of M.
10:15-12:00	EN1 B. Const. Study K.183 EN2 B. Const. Study K.144 EN1 Basis of Stat.&Dyn.	<b>Hydraulics I.</b>	<b>Constr. Materials I.</b>	EN1/EN2 Surveying II. EN3 Constr. Mat. I. MM.L4 EN4 Constr. Mat. I. MM.P	<b>Civil Eng. Representation</b>
12:15-14:00	<b>Surveying II.</b>	EN1 Basis of Stat.&Dyn.	+EN1 Hydraulics I. #EN2 Hydraulics I.	EN1 Intr. to Str. of M. EN2 Intr. to Str. of M. EN5/EN6 Surveying II.	EN1 Civil Eng. Representation
14:15-16:00	EN1 CE Informatics EN2 CE Informatics #EN1 Basis of Stat.&Dyn.	<b>#Building Con. St.</b>	EN3 CE Informatics EN4 CE Informatics	+EN1 Intr. to Str. #EN2 Intr. to Str.	
16:15-18:00				<b>CE Informatics</b>	

2020/21 2nd Semester		BSc Civil Engineering 2nd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1Building Const.I.	<b>+ Steel Structures K.f12</b> <b>#Reinf. Concr. Str. K.f12</b>	<b>Reinf. Concrete Str.</b>	<b>Hydr. Eng. &amp; Water Man.</b>	+EN1 Earthworks #EN2 Earthworks
10:15-12:00	<b>Hydrology I</b> K.f10	<b>#Building Constr.I.</b> <b>+Building Constr.II.</b>	+EN1Hydr.Eng.&Water Man #EN1 Constr. Management	<b>Steel Structures</b>	<b>Structural An. I.</b>
12:15-14:00	<b>+ Steel Structures</b> EN1Building Const.II.	<b>Constr. Management</b>	<b>Earthworks EA</b> <b>Soil Mechanics</b>	<b>Timber Structures</b>	Structural An. I.
14:15-16:00	<b>Roads</b> <b>Railway Tracks</b>	EN1 Soil Mechanics	+EN1 Hydrology #EN1 P.Works	<b>Basics of Env. Eng.</b>	
16:15-18:00	14:15-17:00	<b>Public Works I.</b>	<b>Strength of Materials</b>	#EN2Hydr.Eng.&Water Man	

2020/21 2nd Semester		BSc Branch of Structural Engineering 3rd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Structural Design Projektwork	<b>Reinf. Concr. Buildings</b>		<b>+Reinf. Concr. Buildings</b> #EN1 Reinf. Concr. Build.	#EN1 Rock Mechanics +EN2 Rock Mechanics #EN3 Rock Mechanics
10:15-12:00	<b>Bridges and Infrastr.</b>	EN1 Design of Structures Projektwork	EN1 3D Constr. Mod. of Str.	<b>+Steel Buildings</b> #EN1Steel Buildings	<b>+ Rock Mechanics</b> #EN1 Underground Str.
12:15-14:00	<b>Steel and Composite Str.</b>	<b>Underground Str.</b>	<b>Engineering Works</b>		<b>Reinf. Concr. Bridges</b>
14:15-16:00	<b>+Steel and Comp.Str.</b>		Comm. Skills for CE	<b>Steel Buildings</b>	EN1Reinf. Concr. Bridges

Core subjects online	Struct Eng branch subjects	Cross semesters online	Core subjects presence	Cross semesters presence
			Branch subjects presence	Elective

## STRUCTURAL ENGINEERING MSC PROGRAM

		Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester
<b>Core Subjects</b>										
	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							
<b>Specialization in Numerical Modeling</b>										
	<b>Obligatory Subjects</b>									
	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
	<b>Recommended Elective Subjects</b>									
	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
<b>Specialization in Structures</b>										
	<b>Obligatory Subjects</b>									
	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
	<b>Recommended Elective Subjects</b>									
	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
<b>Specialization in Geotechnics and Geology</b>										
	<b>Obligatory Subjects</b>									
	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
	<b>Recommended Elective Subjects</b>									
	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

2020/21 2nd Semester		MSc Specialization in Structural Engineering Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	EN1 Numerical Methods	Stability of Structures BMEEOHSMT-2 EA	Strengthening of Str. BMEEOHSMT63	EN1 Structures Project BMEEOHSMS5P	*+Meth. of Eng. Analysis BMEEOHSMT61 EA, K.f12	
9:15-10:00						EN1 Strengthening of Str.
10:15-11:00	Plasticity BMEEOTMMN61 EA, K.mf78	EN1 Stability of Str.	EN2 Numerical Meth.	Applied Fract. Mech. BMEEOHSMT61 EA	Prestressing Tech. BMEEOHSMT62, K.f12	
11:15-12:00						EN1 Plasticity
12:15-13:00	Structures II. BMEEOHSMT-1 EA	Nonlinear FEM BMEEOTMMN62 EA	Geodynamics BMEEOGMMS51 EA	01 Appl. Fracture Mech.	#EN2 Numerical Meth.	
13:15-14:00						
14:15-15:00	EN1 Structures II.					
15:15-16:00	An. of Rods&Frames BMEEOTMMN63			EN1 Seismic Design		
16:15-17:00						EN1 An.of Rods&Frames
17:15-18:00	Discrete Element Meth. BMEEOTMMN64			Structural Dynamics BMEEOTMMN-1 EA		
18:00-19:00						EN1 Discrete Methods

2020/21 2nd Semester		MSc Specialization in Numerical Modelling Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	Stability of Structures BMEEOHSMT-2 EA	Strengthening of Str. BMEEOHSMT63	EN1 Structures Project BMEEOHSMS5P	*+Meth. of Eng. Analysis BMEEOHSMT61 EA, K.f12	
9:15-10:00						EN1 Numerical Methods
10:15-11:00	Plasticity BMEEOTMMN61 EA, K.mf78	EN1 Stability of Str.	EN2 Numerical Meth.	Applied Fract. Mech. BMEEOHSMT61 EA	Prestressing Tech. BMEEOHSMT62, K.f12	
11:15-12:00						EN1 Plasticity
12:15-13:00	Structures II. BMEEOHSMT-1 EA	Nonlinear FEM BMEEOTMMN62 EA	Geodynamics BMEEOGMMS51 EA	01 Appl. Fracture Mech.	#EN2 Numerical Meth.	
13:15-14:00						
14:15-15:00	EN1 Structures II.					
15:15-16:00	An. of Rods&Frames BMEEOTMMN63			EN1 Seismic Design		
16:15-17:00						EN1 An.of Rods&Frames
17:15-18:00	Discrete Element Meth. BMEEOTMMN64			Structural Dynamics BMEEOTMMN-1 EA		
18:00-19:00						EN1 Discrete Methods

2020/21 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	+EN1 Eng. Geology MSc	Eng. Geology of HU BMEEOGMMG64 EA	EN1 Numerical Methods	*+Meth. of Eng. Analysis BMEEOHSMT61 EA, K.f12	
9:15-10:00						#EN1 Meth. of Eng. An.
10:15-11:00			EN2 Numerical Meth.		#EN1 Numerical Meth.	
11:15-12:00	Earthworks of Infrastr. BMEEOGMMG-4 EA		Geodynamics BMEEOGMMS51 EA	EN1 Geotech. projekt BMEEOGMMS5P	#EN2 Numerical Meth.	
12:15-13:00						Hydrogeology BMEEOGMMG62 EA
13:15-14:00	EN1 Earthw. of Infrastr.					
14:15-15:00	Tunneling BMEEOGMMG61 EA			Geotechnical Design BMEEOGMMG-3 EA		
15:15-16:00						
16:15-17:00				EN1 Geotech. Design		
17:15-18:00				Discrete Element Meth. BMEEOTMMN64		
				EN1 Discrete Methods		

Core Subjects (online)	Structural Engineering	Numerical Modelling	Geotechnics&Geology	Elective (online)
Core Subjects (presence)		online		Electiv (presence)
	Cross Semester (presence)		Cross Semester (online)	