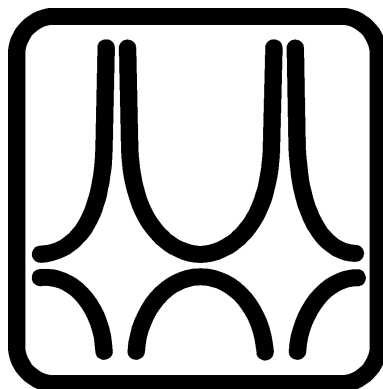




**Budapest University of Technology and Economics**

# Timetable

**Study Abroad and Exchange  
Year 2018/19 - 2nd Semester**



**Faculty of Civil Engineering**

BSc-MSc course year 2018/19 2nd semester calendar

Week	Educational week	Event(#!/Odd(+))	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Saunday			
5			28 January Winter break	29 January Winter break	----- Registration week, registration -----			30 January	31 January	1 February	2 February	3 February
6	1	+	4 February <b>Start of semes.</b>	5 February	6 February	7 February	8 February	9 February	10 February			
7	2	#	11 February	12 February	13 February	14 February	15 February	16 February	17 February			
8	3	+	18 February	19 February	20 February	21 February	22 February	23 February	24 February			
9	4	#	25 February	26 February	27 February	28 February	1 March	2 March	3 March			
10	5	+	4 March	5 March	6 March	7 March	8 March	9 March	10 March			
11	6	#	11 March	12 March	13 March	14 March	15 March	16 March	17 March			
12			18 March	19 March	20 March	21 March	National holiday 22 March	23 March	24 March			
----- Spring Break -----												
13	7	+	25 March	26 March	27 March	28 March	29 March	30 March	31 March			
14	8	#	1 April	2 April	3 April	4 April	5 April	6 April	7 April			
15	9	+	8 April	9 April	10 April	11 April	12 April	13 April	14 April			
16	10	#	15 April	16 April	17 April	18 April	19 April	20 April	21 April			
17	11	+	22 April Easter	23 April	24 April	25 April	26 April Good Friday	27 April	28 April Easter			
18	12	#	29 April <-- Vásárhelyi Napok - from 12:00 -->	30 April	1 May Workers' Day	2 May	3 May	4 May	5 May			
19	13	+	6 May	7 May	8 May	9 May	10 May	11 May	12 May			
20	14	#	13 May	14 May	15 May	16 May	17 May	18 May	19 May			
21			20 May	21 May	22 May	23 May	24 May <b>End of semes.</b>	25 May	26 May			
----- Completion week -----												
22			27 May <b>Start of exam period</b>	28 May	29 May	30 May	31 May	1 June	2 June			
23			3 June	4 June	5 June	6 June	7 June	8 June	9 June			
24			10 June Pentecost	11 June	12 June	13 June	14 June	15 June	16 June Pentecost			
25			17 June	18 June	19 June	20 June	21 June	22 June	23 June			
26			24 June <b>End of MSc exam period</b>	25 June	26 June	27 June	28 June <b>End of BSc exam period</b>	29 June	30 June			

Semester

Completion week

Exam period

Holidays

**CIVIL ENGINEERING BSC FROM 2017 - SPECIALIZATION IN STRUCTURAL ENGINEERING**

**FOR STUDY ABROAD AND EXCHANGE STUDENTS**

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>Basic subjects</b>																		
Surveying I.	BMEEOAFAT41	3	1	2				M	1	X								
Chemistry of Construction Materials	BMEEOEMAT41	2	2					M	1	X								
Civil Engineering Representation and Drawing	BMEEOEMAT42	4	2	2				M	1	X								
CAD for Civil Engineers	BMEEOFTAT41	2	2					M	1	X								
Geology	BMEEOGMAT41	3	1	2				E	1	X								
Basis of Statics and Dynamics	BMEEOTMAT41	6		5				E	1	X								
Surveying II.	BMEEOAFAT42	4	2	2				E	2		X					EOAFAT41	EOFTAT41	
Construction Materials I.	BMEEOEMAT43	5	2		2			E	2		X					EOEMAT41		
Civil Engineering Informatics	BMEEOFTAT42	5	2	2				M	2		X					EOFTAT41		
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	BMEEOFTAT43	3	2	1				M	3			X				EOAFAT42		
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				EOAFAT41		
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	
Construction Management	BMEEPEKAT41	3	2	1				M	4				X			EOEMAT44	EOGMAT42	
Foundation Engineering	BMEEOGMAT45	4	3					E	5					X		EOGMAT43		
Urban and Regional Development	BMEEOUVAT43	3	2					M	7						X			
<b>Branch of Structural Engineering</b>																		
Building Construction I.	BMEEOEMAS42	3	1	2				E	4				X			EOEMAT44		
Timber Structures	BMEEOHSAS44	3	2					M	4				X			EOTMAT42	EOEMAT43 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	EOHSAT41	
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 EOTMAT43	
Bridges and Infrastructures	BMEEOHSAS43	3	2					E	5					X		EOHSAT42	EOHSAT43	
Laboratory Practice of Testing of Structures and Mater	BMEEOHSAS46	2			4			M	5					X		EOHSAT42	EOHSAT43	
Structural Analysis II.	BMEEOTMAS42	4	3	1				M	5					X		EOTMAS41	TE90AX07	
Rock Mechanics	BMEEOGMAS41	3	1	1				M	6						X	EOGMAT41	EOGMAT42	
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 EOFTAT42	
Design of Structures Projectwork	BMEEODHAS41	6				2		M	6						X	EOHSAS41	EOHSAS42 EOGMAT45	
Public Administration and Land Registry	BMEEOUVAT44	3	2					M	7							GT55A001		
Field Course of Structural Geodesy	BMEEOAFAS42	1			2			M	7							X	EOAFAT43 EOHSAT42 EOHSAT43	
Dynamics of Structures	BMEEOTMAS43	3	2					M	7							X	EOTMAT43 TE90AX07	
<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	BMEEOEEMA-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	EODHAS41	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	EODHA-PT!
<b>Proposed Elective Subjects</b>																		
Reinforced Concrete Bridges	BMEEOHSAS-B2	4	2	1				E	6								EOHSAS42	EOHSAS43 EOHSAS44

Cross semesters: AFAT41, FTAT41, GMAT42, TMAT41, TMAT43, UVAT41, VKAT41, VKAT42, VVAT41, EMAS43, HSAS47, HSAS43, HSA-PP

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.

2018/19 2nd Semester		BSc Civil Engineering 1st year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00			EN2 Surveying II. K.f27k	EN1 Constr. Mat. I. MM.L2 EN2 Constr. Mat. I. MM.L3	EN5 Surveying II. K.f27k EN2 CE Informatics K.142a
			EN2 CAD for Civil E. K.142b	EN3 Constr. Mat. I. MM.L4 EN4 Constr. Mat. I. MM.P	#EN1 Basis of Stat.&Dyn. K.mf78
10:15-12:00	EN1 Basis of Stat.&Dyn. K.mf78	<b>Hydraulics I.</b> K.f10	<b>Constr. Materials I.</b> K.f88	<b>Surveying II.</b> K.f88	EN6 Surveying II. K.f27k <b>#Building Con. St.</b> K.389
	EN1 Intr.to Str. of M. K.373 EN2 Intr.to Str. of M. K.mf78	<b>Civil Eng. Representation</b> K.375	+EN1 Intr. to Str. K.373 +EN2 Intr. to Str. K.373 #EN1 Hydraulics I. K.f10	<b>CE Informatics</b> K.f88	EN3 CE Informatics K.142a EN4 CE Informatics K.142b
12:15-14:00	EN1 CAD for Civil E. K.142b	EN1 Basis of Stat.&Dyn. K.mf78			
14:15-16:00	EN1 CE Informatics K.142b	EN1 Surveying II. K.f27b	EN1 B. Const. Study K.183 EN2 B. Const. Study K.184	EN3/EN4 Surveying II. K.f27k / K.f27b	EN1 Intr. to Str. of M. K.373 EN2 Intr. to Str. of M. K.mf78

2018/19 2nd Semester		BSc Civil Engineering 1st year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00		<b>+ Steel Structures</b> K.f12 <b>K.f12</b> <b>#Reinf. Concr. Str.</b> K.f12 K.f12	<b>Reinf. Concrete Str.</b> K.f12	<b>Steel Structures</b> K.f12	<b>Public Works I.</b> K.mf31
		+EN1 Earthworks K.372	+EN1Hydr.Eng.&Water Man K.f10	<b>Hydr. Eng. &amp; Water Man.</b> K.f10	<b>Structural An. I.</b> K.mf78
10:15-12:00	<b>Hydrology I</b> K.f10	<b>#Building Constr.I.</b> K.183 <b>+Building Constr.II.</b> K.183	#EN1 Constr. Management K.f10		
12:15-14:00	EN1Building Const.I. K.184	<b>Constr. Management</b> K.f12	<b>Earthworks</b> K.372	<b>Basics of Env. Eng.</b> K.mf31	EN1 Soil Mechanics K.mf21
	EN1Building Const.II. K.144		<b>Soil Mechanics</b> K.mf21		
14:15-16:00	<b>Roads</b> K.f99	<b>Structural Analysis I.</b> K.mf78	+EN1 Hydrology I. K.f10	<b>Timber Structures</b> K.f10	
16:15-18:00	<b>Railway Tracks</b> K.373		#EN1 Pub. Works I. K.f10		
	14:15-17:00		<b>Strength of Materials</b> K.mf78		

2018/19 2nd Semester		BSc Branch of Structural Engineering 3rd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	<b>Steel and Composite Str.</b> EL111	<b>Reinf. Concr. Buildings</b> EL111		<b>+Reinf. Concr. Buildings</b> EL111 #EN1 Reinf. Concr. Build. EL111	<b>Underground Str.</b> K.mf21
10:15-12:00	<b>Bridges and Infrastr.</b> K.f12	EN1 Design of Structures Projektwork EL111	EN1 3D Constr. Mod. of Str. K.f12	<b>+Steel Buildings</b> EL111 #EN1Steel Buildings EL111	#EN1 Underground Str. K.mf21
12:15-14:00	EN1 Structural Design Projektwork K.f12	<b>Steel Buildings</b> EL111	<b>+Steel and Comp.Str.</b> EL111		<b>Reinf. Concr. Bridges</b> K.f12
14:15-16:00		<b>+ Rock Mechanics</b> K.mf21		#EN2 Rock Mechanics TSZ	EN1Reinf. Concr. Bridges K.f12
		#EN1 Rock Mechanics K.mf21			

Civil Engineering	Structural Engineering	Infrastructural Engineering	Bsc elective	Cross semesters
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**STRUCTURAL ENGINEERING MSC PROGRAM**

**FROM 2017**

		Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester
<b>Core Subjects</b>										
Year	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
<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
	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
	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
	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

2018/19 2nd Semester		MSc Specialization in Structural Engineering Fall Semester				
		Hétfő	Kedd	Szerda	Csütörtök	Péntek
8:15-9:00	<b>Stability of Structures</b> BMEEOHSMT-2 EA K.389	Structures II. BMEEOHSMT-1 EA K.389	<b>Strengthening of Str.</b> BMEEOHSMT63 EA, K.389 EN1 Strengthening of Str	EN1 Numerical Methods	EN1 Numerical Methods	'+Meth. of Eng. Analysis BMEEOHSMT62, K.f12 EA, K.f12 #EN1 Meth. of Eng. An.
9:15-10:00						
10:15-11:00						
11:15-12:00	<b>Structural Dynamics</b> BMEEOTMMN-1 EA K.389	<b>Applied Fracture Mech.</b> BMEEOHSMT61 EA K.389	EN1 Structures Project BMEEOHSMT5P K.f99	<b>Plasticity</b> BMEEOTMMN61 EA, K.mf78	<b>Plasticity</b> BMEEOTMMN61 EA, K.mf78	<b>Plasticity</b> BMEEOTMMN61 EA, K.mf78
12:15-13:00	EN1 Structural Dynamics	01 Appl. Fracture Mech.	<b>Geodynamics</b> BMEEOGMMS52 EA K.389	<b>Nonlinear FEM</b> BMEEOTMMN62 EA K.mf78	<b>Nonlinear FEM</b> BMEEOTMMN62 EA K.mf78	#EN1 Numerical Meth.
13:15-14:00	<b>Seismic Design</b> BMEEOHSMT-3 EA K.mf30		EN2 Numerical Methods	<b>An. of Rods&amp;Frames</b> BMEEOTMMN63 EA, K.mf78	<b>An. of Rods&amp;Frames</b> BMEEOTMMN63 EA, K.mf78	#EN2 Numerical Meth.
14:15-15:00	EN1 Structures II.			<b>Discrete Element Meth.</b> BMEEOTMMN64 EA, K.mf78	<b>Discrete Element Meth.</b> BMEEOTMMN64 EA, K.mf78	
15:15-16:00				EN1 Discrete Methods	EN1 Discrete Methods	
16:15-17:00						
17:15-18:00						

2018/19 2nd Semester		MSc Specialization in Numerical Modelling Fall Semester				
		Hétfő	Kedd	Szerda	Csütörtök	Péntek
8:15-9:00	<b>Stability of Structures</b> BMEEOHSMT-2 EA K.389	Structures II. BMEEOHSMT-1 EA K.389	<b>Strengthening of Str.</b> BMEEOHSMT63 EA, K.389 EN1 Strengthening of Str	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	'+Meth. of Eng. Analysis BMEEOHSMT62, K.f12 EA, K.f12 #EN1 Meth. of Eng. An.
9:15-10:00						
10:15-11:00						
11:15-12:00	<b>Structural Dynamics</b> BMEEOTMMN-1 EA K.389	<b>Applied Fracture Mech.</b> BMEEOHSMT61 EA K.389		<b>Plasticity</b> BMEEOTMMN61 EA, K.mf78	<b>Plasticity</b> BMEEOTMMN61 EA, K.mf78	<b>Plasticity</b> BMEEOTMMN61 EA, K.mf78
12:15-13:00	EN1 Structural Dynamics	01 Appl. Fracture Mech.	<b>Geodynamics</b> BMEEOGMMS52 EA K.389	<b>Nonlinear FEM</b> BMEEOTMMN62 EA K.mf78	<b>Nonlinear FEM</b> BMEEOTMMN62 EA K.mf78	#EN1 Numerical Meth.
13:15-14:00	<b>Seismic Design</b> BMEEOHSMT-3 EA K.mf30		EN2 Numerical Methods	<b>An. of Rods&amp;Frames</b> BMEEOTMMN63 EA, K.mf78	<b>An. of Rods&amp;Frames</b> BMEEOTMMN63 EA, K.mf78	#EN2 Numerical Meth.
14:15-15:00	EN1 Structures II.			<b>Discrete Element Meth.</b> BMEEOTMMN64 EA, K.mf78	<b>Discrete Element Meth.</b> BMEEOTMMN64 EA, K.mf78	
15:15-16:00				EN1 Discrete Methods	EN1 Discrete Methods	
16:15-17:00						
17:15-18:00						

2018/19 2nd Semester		MSc Specialization in Geotechnics and Geology Fall Semester				
		Hétfő	Kedd	Szerda	Csütörtök	Péntek
8:15-9:00	<b>Eng. Geology MSc</b> BMEEOGMMG-1 EA K.136			<b>Hydrogeology</b> BMEEOGMMG62 EA K.136	EN1 Numerical Methods	'+Meth. of Eng. Analysis BMEEOHSMT62, K.f12 EA, K.f12 #EN1 Meth. of Eng. An.
9:15-10:00						
10:15-11:00						
11:15-12:00	<b>Earthworks of Infrastr.</b> BMEEOGMMG-4 EA K.136					#EN1 Numerical Meth.
12:15-13:00	EN1 Earthw. of Infrastr.	<b>Eng. Geology of HU</b> BMEEOGMMG64 EA K.136	<b>Geodynamics</b> BMEEOGMMS51 EA K.389	EN1 Geotech. projekt BMEEOGMMS5P K.mf21	EN1 Geotech. projekt BMEEOGMMS5P K.mf21	#EN2 Numerical Meth.
13:15-14:00	<b>Tunneling</b> BMEEOGMMG61 EA K.375		EN2 Numerical Methods	<b>Geotechnical Design</b> BMEEOGMMG-3 EA K.mf21	<b>Geotechnical Design</b> BMEEOGMMG-3 EA K.mf21	#EN2 Numerical Meth.
14:15-15:00				<b>Discrete Element Meth.</b> BMEEOTMMN64 EA, K.mf78	<b>Discrete Element Meth.</b> BMEEOTMMN64 EA, K.mf78	
15:15-16:00				EN1 Discrete Methods	EN1 Discrete Methods	
16:15-17:00						
17:15-18:00						

Core Subjects	Structural Engineering	Numerical Modelling	Geotechnics&Geology	Electiv
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