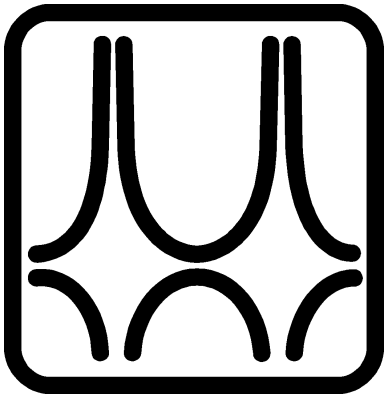
Budapest University of Technology and Economics

Timetable

Study Abroad and Exchange
Year 2017/18 - 2nd Semester



Faculty of Civil Engineering

BSc-MSc course year 2017/18 2nd semester calendar

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

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 1	2	3	4	5	6	7	8	Preliminary requirement(s)		
	Basic subjects																				
Ye	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				
	Branch of Structural Engineering																				
	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 Mate	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							X		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	
	Specialization in Structural Engineering																				
	Steel Buildings	BMEEOHSA-A1	5	3	1				E	6						X			EOHSAS41		
	Reinforced Concrete Buildings	BMEEOHSA-A2	5	3	1				E	6						X			EOHSAS42	EOHSAS44	
	Building Construction Methodology	BMEEOEMA-A1	2	1	1				E	7							X		EOEMAS43		
	Engineering Works	BMEEOHSA-B3	3	2					E	7							X		EOHSAT43	EOHSAS43	EOGMAS42
	Structural Design Projectwork	BMEEOHSA-PP	6				2		M	7							X		EODHAS41	EOHSA-A1	EOHSA-A2
	Preparatory Course for BSc Thesis Project	BMEEODHA-PT	9						M	8								X	EOHSA-PP		
	Bachelor Thesis Project	BMEEODHA-PS	15						M	8								X	EOHSA-PT!		

	Proposed Elective Subjects																				
	Reinforced Concrete Bridges	BMEEOHSA-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 semeter).

A prerequisite with '~' mark indicates that it is enough to hold a signature from the pre-required subject in order to register the subject.

	2017/18 2nd Semester	BSc Civil Engineering 1st year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00			+**Building Con. St.** K.mf30 **#Surveying I. K.f27b** EN2 CAD for Civil E. K.142b	EN1 Constr. Mat. I. MM.L2 EN2 Constr. Mat. I. MM.L3 EN3 Constr. Mat. I. MM.L4 EN4 Constr. Mat. I. MM.P	EN3 Surveying II. K.f27k EN1 Surveying I. K.f27b
10:15- -12:00	EN1 Basis of Stat.&Dyn. K.mf78	**Hydraulics I.** K.f10	**Constr. Materials I.** K.mf30	**Surveying II.** K.389	EN4 Surveying II. K.f27b #EN1 Basis of Stat.&Dyn. K.mf30
12:15- -14:00	EN1 Intr. to Str. of Mat. K.mf30	EN1 Basis of Stat.&Dyn. K.371	+EN1 Intr. to Str. K.f10 #EN1 Hydraulics I. K.f10	**CE Informatics** K.mf30	EN3 CE Informatics K.142a EN4 CE Informatics K.142b
14:15- -16:00	EN1 CE Informatics K.142a K.142b	EN2 CE Informatics K.142a	EN1 B. Const. Study K.183 EN2 B. Const. Study K.375		EN1 Intr. to Strength of Mat. K.mf30

	2017/18 2nd Semester	BSc Civil Engineering 2nd year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00	**Basics of Env. Eng.** K.mf30	**+ Steel Structures** K.f12 **#Reinf. Concr. Str.** K.f12	**Reinf. Concrete Str.** K.f12	**Steel Structures** K.f12	**Public Works I.** K.mf31
10:15- -12:00	**Hydrology I** K.f10	+EN1 Earthworks K.144 **#Building Constr.I.** K.183 **+Building Constr.II.** K.183	+EN1Hydr.Eng.&Water Man K.f10 #EN1 Constr. Management K.f10	**Hydr. Eng. & Water Man.** K.f10	**Timber Structures** K.f12 **Structural Analysis I.** K.mf78
12:15- -14:00	EN1Building Const.I. K.375 EN1Building Const.II. K.144	**Constr. Management** K.f12	**Earthworks** K.371 **Soil Mechanics** K.mf21	**Strength of Materials** K.376	EN1 Soil Mechanics K.mf21
14:15- -16:00	**Roads** K.mf30 **Railway Tracks** K.f99	**Structural Analysis I.** K.mf78	#EN1 Pub. Works I. K.f10	#EN1 Hydrology I. K.f10	
-17:00	14:15-17:00				

	2017/18 2nd Semester	BSc Branch of Structural Engineering 3rd year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00		**Reinf. Concr. Buildings** EL111		**+Reinf. Concr. Buildings** EL111 #EN1 Reinf. Concr. Build. EL111	**Underground Str.** K.mf21
10:15- -12:00	**Bridges and Infrastr.** K.f12	**Steel and Composite Str.** EL111	EN1 3D Constr. Mod. of Str. K.f12	**+Steel Buildings** EL111 #EN1Steel Buildings EL111	#EN1 Underground Str. K.mf21 +EN2 Rock Mechanics K.mf21
12:15- -14:00	EN1 Design of Structures Projektwork K.f12 EN1 Structural Design Projektwork K.f12	**Steel Buildings** EL111	**+Steel and Comp.Str.** EL111		**Reinf. Concr. Bridges** K.f12
14:15- -16:00				**+ Rock Mechanics** K.mf21 #EN1 Rock Mechanics K.mf21	EN1Reinf. Concr. Bridges K.f12

Civil Engineering	Structural Engineering	Bsc elective	Cross semesters

STRUCTURAL ENGINEERING MSC PROGRAM

FROM 2017

		Code	Credit	Lecture	Seminar	Laboratory	Conzultation	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	BMEEOHSMS51	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
	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	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
	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
	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

	2017/18/2. félév	MSc Specialization in Structural Engineering Fall Semester			
	Hétfő	**Kedd**	**Szerda**	**Csütörtök**	**Péntek**
8:15--9:00	**Stability of Structures** BMEEOHSMT-2 EA K.389	**Structural Dynamics** BMEEOTMMN-1 EA K.389	**Geodynamics** BMEEOGMMS52 EA K.389	**Discrete Meth.** K.mf78 BMEEOTMMN64	**'+Meth. of Eng. Analysis** BMEEOHSMK51 EA, K.f12
9:15--10:00				EN1 Discrete Methods	
10:15--11:00	EN1Stability of Str.	EN1 Structural Dynamics	EN1 Structures Project BMEEOHSMS5P K.f99	EN1 Numerical Methods	#EN1 Meth. of Eng. An.
11:15--12:00	**Structures II.** BMEEOHSMT-1 EA K.389	**Applied Fracture Mech.** BMEEOHSMT61 EA K.mf30		**Plasticity** BMEEOTMMN61 EA, K.mf78	**+ Seismic Design** BMEEOHSMT-3 EA, K.389
12:15--13:00			**Strenghtening of Str.** BMEEOHSMT63 EA, K.389	EN1 Plasticity	#EN1 Numerical Meth.
13:15--14:00	EN1 Structures II.	01 Appl. Fracture Mech.		**Nonlinear FEM** BMEEOTMMN62 EA K.mf78	**# Seismic Design** BMEEOHSMT-3 EA, K.389
14:15--15:00		**Prestressing Tech.** BMEEOHSMT62 EA, K.mf30	EN1 Strenghtening of Str		+ EN1 Seismic Design
15:15--16:00				**An. of Rods&Frames** BMEEOTMMN63 EA, K.mf78	
16:15--17:00	EN2 Numerical Methods 16:15-19:00	EN1 Prestressing Tech.		EN1 An.of Rods&Frames	
17:15--18:00					

	2017/18/2. semester	MSc Specialization in Numerical Modelling Fall Semester			
	Hétfő	**Kedd**	**Szerda**	**Csütörtök**	**Péntek**
8:15--9:00	**Stability of Structures** BMEEOHSMT-2 EA K.389	**Structural Dynamics** BMEEOTMMN-1 EA K.389	**Geodynamics** BMEEOGMMS52 EA K.389	**Discrete Meth.** K.mf78 BMEEOTMMN64	**'+Meth. of Eng. Analysis** BMEEOHSMK51 EA, K.f12
9:15--10:00				EN1 Discrete Methods	
10:15--11:00	EN1Stability of Structures	EN1 Structural Dynamics		EN1 Numerical Methods	#EN1 Meth. of Eng. An.
11:15--12:00	**Structures II.** BMEEOHSMT-1 EA K.389	**Applied Fracture Mech.** BMEEOHSMT61 EA K.mf30		**Plasticity** BMEEOTMMN61 EA, K.mf78	**+ Seismic Design** BMEEOHSMT-3 EA, K.389
12:15--13:00			**Strenghtening of Str.** BMEEOHSMT63 EA, K.389	EN1 Plasticity	#EN1 Numerical Meth.
13:15--14:00	EN1 Structures II.	01 Appl. Fracture Mech.		**Nonlinear FEM** BMEEOTMMN62 EA K.mf78	**# Seismic Design** BMEEOHSMT-3 EA, K.389
14:15--15:00	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	**Prestressing Tech.** BMEEOHSMT62 EA, K.mf30	EN1 Strenghtening of Str		+ EN1 Seismic Design
15:15--16:00				**An. of Rods&Frames** BMEEOTMMN63 EA, K.mf78	
16:15--17:00	EN2 Numerical Methods 16:15-19:00	EN1 Prestressing Tech.		EN1 An.of Rods&Frames	
17:15--18:00					

	2017/18/2. semester	MSc Specialization in Geotechnics and Geology Fall Semester			
	Hétfő	**Kedd**	**Szerda**	**Csütörtök**	**Péntek**
8:15--9:00	**Eng. Geology MSc** BMEEOGMMG-1 EA K.136		**Geodynamics** BMEEOGMMS51 EA K.389	**Discrete Meth.** K.mf78 BMEEOTMMN64	**'+Meth. of Eng. Analysis** BMEEOHSMK51 EA, K.f12
9:15--10:00				EN1 Discrete Methods	
10:15--11:00	EN1 Eng. Geology MSc			EN1 Numerical Methods	#EN1 Meth. of Eng. An.
11:15--12:00	**Earthworks of Infrastr.** BMEEOGMMG-4 EA K.136				#EN1 Numerical Meth.
12:15--13:00		**Eng. Geology of HU** BMEEOGMMG64 EA K.136	**Hydrogeology** BMEEOGMMG62 EA K.136	EN1 Geotech. projekt BMEEOGMMS5P K.mf21	
13:15--14:00	EN1 Earthw. of Infrastr.				
14:15--15:00	**Tunneling** BMEEOGMMG61 EA K.375	**Geotechnical Design** BMEEOGMMG-3 EA K.136			
15:15--16:00					
16:15--17:00	EN2 Numerical Methods 16:15-19:00	EN1 Geotech. Design			
17:15--18:00					

Structural Engineering	Numerical Modelling	Geotechnics&Geology	Electiv	Cross Semester