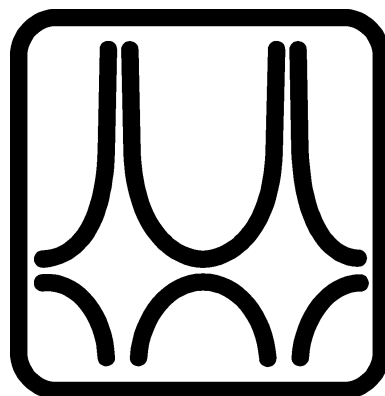




Budapest University of Technology and Economics

Timetable

**Study Abroad and Exchange
Year 2016/17 - 2nd Semester**



Faculty of Civil Engineering

BSc-MSc course year 2016/17 2nd semester calendar

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

Semester

Completion week

Exam period

Holidays

CIVIL ENGINEERING BSC FROM 2015 - BRANCH OF STRUCTURAL ENGINEERING - MAJOR OF BUILDINGS

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	
Basic subjects																		
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								
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						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	BMEEOFAT43	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	BMEEOHSAS41	4	2	1				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	EOHSAS41 EOHSAS42
Field Course of Structural Geodesy	BMEEOFAS42	1			2			M	7						X		EOAFAT43	EOHSAT42 EOHSAT43
Dynamics of Structures	BMEEOTMAS43	3	2					M	7							X	EOTMAT43	TE90AX07
Major of Buildings																		
Steel Buildings	BMEEOHSAS41	5	3	1				E	6						X		EOHSAS41	
Reinforced Concrete Buildings	BMEEOHSAS42	5	3	1				E	6						X		EOHSAS42	EOHSAS44
Building Construction Methodology	BMEEOEMA-A1	2	1	1				E	7							X	EOEMAS43	
Construction Technology	BMEEOHSAS-K1	3	1	1				M	7							X	EOHSAS41	EOHSAS42
Building Design Projectwork	BMEEOHSAS-AP	6				2		M	7						X		EOHSAS41	EOHSAS42 EOHSAS44
Diploma Project	BMEEODHA-AD	24						M	8							X	EOHSAS-AP	
Proposed Elective Subjects																		
Reinforced Concrete Bridges	BMEEOHSAS42	4	2	1				E	6								EOHSAS42	EOHSAS43 EOHSAS44

Cross semesters: FTAT41, TMAT41, TMAT43, UVAT41, VKAT41, VKAT42, VVAT41, HSAS41, HSAS43, HSA-AP

	2016/17 2nd Semester		BSc Civil Engineering 1st year		students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Intr. to Strength of Mat. K.mf78	EN1 CAD for Civil E. K.142a	Hydraulics I. K.f10	EN1 Constr. Mat. I. MM.L3 EN2 Constr. Mat. I. MM.L4	
10:15-12:00	EN1 Basis of Stat.&Dyn. K.mf78	EN2 CAD for Civil E. K.142a	EN1 Intr. to Strength of Mat. K.375	Surveying II. K.f27	EN1/EN2 Surveying II. K.GLabA,B
12:15-14:00	Constr. Materials I. K.376	EN1 Basis of Stat.&Dyn. K.mf78	+EN1 Intr. to Str. of Mat. K.375 #EN1 Basis of Stat.&Dyn. K.375	CE Informatics K.mf30	EN1 CE Informatics K.142a EN2 CE Informatics K.142b
14:15-16:00			EN1 Building Const. Study K.375	Building Constr. St. K.375 #EN1 Hydraulics I. K.f10	

	2016/17 2nd Semester		BSc Civil Engineering 2nd year		students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	Basics of Env. Eng. K.mf30	Hydr. Eng. & Water Man. K.mf30	Reinf. Concrete Str. K.mf30	Steel Structures K.f12	Public Works I. K.mf31
10:15-12:00		+ Steel Structures I. K.mf30 #Reinf. Concr. Str. K.mf30	+EN1Hydr.Eng.&Water Man K.f10 #EN1 Constr. Management K.f12	+EN1 Earthworks K.mf30 #Building Constr. I. K.mf30	Timber Structures K.374 Structural Analysis I. K.mf78
12:15-14:00	EN1 Building Const. I. K.375	Constr. Management K.mf30	Earthworks K.mf30 Soil Mechanics K.mf21	Strength of Materials K.mf78	#EN1 Pub. Works I. K.mf31
14:15-16:00	Roads K.371 Railway Tracks	Struct. Analysis I. K.mf78	Hydrology I K.f10	+EN1 Hydrology I. K.f10	EN1 Soil Mechanics K.mf21
-17:00	K.f99				

	2016/17 2nd Semester		BSc Branch of Structural Engineering 3rd year		students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Design of Structures Projektwork EL111	Reinf. Concr. Buildings EL111		+Reinf. Concr. Buildings EL111 #EN1 Reinf. Concr. Build. EL111	Underground Str. K.mf21
10:15-12:00	Bridges and Infrastr. EL111	Steel and Composite Str. EL111	EN1 3D Constr. Mod. of Str. K.f12	+Steel Buildings EL111 #EN1Steel Buildings EL111	#EN1 Underground Str. K.mf21
12:15-14:00	EN1 Building Design Projektwork EL111	Steel Buildings EL111	+EN1Steel and Comp.Str. EL111		Reinf. Concr. Bridges K.f12
14:15-16:00				+EN1 Rock Mechanics K.136 # Rock Mechanics K.136	EN1Reinf. Concr. Bridges K.f12

Curriculum of MSc in Structural Engineering, Major in Computational Structural Engineering

Subjects		Semesters (lect/sem/exams/credits)			Pre-requisites	
		1	2	3	1	2
Név	Kód					
Numerical Methods	BMEEOFTMKT2		1/2/e/3			
Database Systems	BMEEOFTMKT3	2/0/t/2				
Advanced Mechanics	BMEEOTMMST9	2/2/e/4				
Finite Element Method I.	BMEEOTMMST0	2/0/e/2				
Structural Reliability	BMEEOHSMST5	2/0/t/2				
Structural Dynamics	BMEEOTMMB02	2/2/t/5				
Stability of Structures	BMEEOTMMB03	2/2/e/5				
Material Models and Plasticity	BMEEOTMMB12		2/2/e/5			
Finite Element Method II.	BMEEOTMMB13		2/0/t/3		MB01	
Numerical Models for Structures	BMEEOTMMB06		2/0/t/3			
Structural Analysis Theory	BMEEOTMMB07	1/1/t/3				
Seismic Design	BMEEOHSMC03		1/1/t/3		MB02	
FEM Based Structural Design	BMEEOHSMB09		1/2/t/4		MB01	MB03
Geotechnical Design	BMEEOGMMCT1		2/1/e/4			
Numerical Modelling in Geotechnics	BMEEOGMMC05		1/1/t/3			
Extreme Actions of Structures	BMEEOHSMB10	2/0/t/3				
Fracture Mechanics and Fatigue	BMEEOHSMB11		3/0/e/4			
Diploma Project	BMEEODHMSDM			t/20		min. 56 credits

	2016/17 2nd Semester	MSc in Computational Structural Engineering Spring semester			
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00		Finite Element Meth. II. BMEEOTMMB13 EA K.mf78	Geotechnical Design BMEEOGMMCT1 EA K.mf78		Mat. Mod & Plasticity K.mf78
9:15-10:00					
10:15-11:00		Seismic Design BMEEOHSMC03 EA K.mf78	Geotechnical Design	Mat. Mod & Plasticity BMEEOTMMB12 EA K.mf78	
11:15-12:00			FEM Based Str. Design BMEEOHSMB09		
12:15-13:00	Num. Mod for Structures BMEEOTMMB06 EA K.mf78		FEM Based Str. Design K.mf78		Num. Mod. In Geotech. BMEEOGMMC05 EA, K.mf21
13:15-14:00		Numerical Methods BMEEOFTMKT2			Num. Mod. In Geotech.
14:15-15:00	Frac. Mech. & Fatigue BMEEOHSMB11 EA K.mf78	Numerical Methods K.142b			
15:15-16:00					
16:15-17:00					