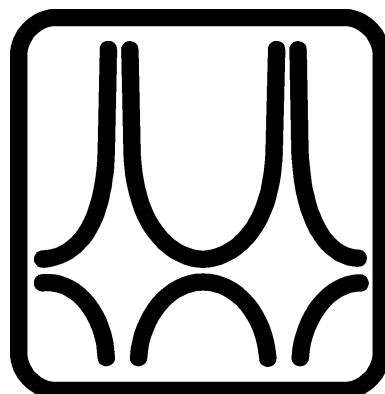




Budapest University of Technology and Economics

Timetable

**Study Abroad and Exchange
Year 2015/16 - 2nd Semester**



Faculty of Civil Engineering

BSc-MSc course year 2015/16 2nd semester calendar

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

In BSc program due to field courses the last examination day for the subjects at the Faculty of Civil Engineering is 1 July

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		
Soil Mechanics	BMEEOGMAT42	4	2	2				M	2		X					EOGMAT41		
Introduction to Strength of Materials	BMEEOTMAT42	6		5				M	2		X					EOTMAT41	TE90AX00~	
Hydraulics I.	BMEEOVVAT42	3	2	1				E	2		X							
Building Construction Study	BMEEOEMAT44	3	1	2				M	3			X				EOEMAT42		
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	BMEEOGMAT44	4	2	1				E	5					X		EOGMAT43		
Urban and Regional Development	BMEEOUVAT43	3	2					M	7						X	EOVVAT42		
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	
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		EOTMAT43	EOTMAS41 TE90AX07	
Rock Mechanics	BMEEOGMAS41	3	1	1				M	6						X	EOGMAT41	EOGMAT42	
Underground Structures, Deep Found.	BMEEOGMAS42	3	2	1				M	6						X	EOGMAT44		
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 EOGMAT44	
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	BMEEOHSAS-A1	5	3	1				E	6						X	EOHSAS41		
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		
Construction Technology	BMEEOHSAS-K1	3	1	1				M	7						X	EOHSAS41	EOHSAS42	
Building Design Projectwork	BMEEOHSAS-AP	6				2		M	7						X	EODHAS41	EOHSAS41 EOHSAS-A1	
Diploma Project	BMEEODHA-AD	24						M	8							X	EOHSAS-AP	
Proposed Elective Subjects																		
Reinforced Concrete Bridges	BMEEOHSAS-B2	4	2	1				E	6							EOHSAS42	EOHSAS43 EOHSAS44	

Cross semesters: FTAT41, TMAT41, TMAT43, UVAT41, VKAT41, VKAT42, VVAT41, EMAS41, HSAS41, HSAS43

2015/16 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 EN2 CAD for Civil E. K.142b	Hydraulics I. K.f10	EN1 Constr. Mat. I. MM.L3 EN2 Constr. Mat. I. MM.L4	
10:15-12:00	Constr. Materials I. MM105		EN1 Intr. to Strength of Mat. K.375	Surveying II. K.f26	EN1/EN2 Surveying II. K.GLabA,B
12:15-14:00	CE Informatics K.mf30	EN1 Basis of Stat.&Dyn. K.mf78	+EN1 Intr. to Str. of Mat. K.375 #EN1 Basis of Stat.&Dyn. K.375	EN1 CE Informatics K.142a EN2 CE Informatics K.142b	EN1 Basis of Stat.&Dyn. K.mf78
14:15-16:00			Soil Mechanics K.mf21	#EN1 Hydraulics I. K.f10	EN1 Soil Mechanics K.mf21

2015/16 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.f10		Steel Structures K.f12	#EN1 Pub. Works I. K.mf31
10:15-12:00	Public Works I. K.mf31	+ Steel Structures I. K.f12 #Reinf. Concr. Str. K.f12	+EN1Hydr.Eng.&Water Man K.f10 #EN1 Constr. Management K.f10	#Building Constr. I. K.389	Timber Structures K.375 Structural Analysis I. K.mf78
12:15-14:00	EN1 Building Const. I. K.375	Constr. Management K.f12	Earthworks K.mf21	Reinf. Concrete Str. K.f12	
14:15-16:00	Roads K.371 Railway Tracks K.f99	Struct. Analysis I. K.mf78	Hydrology I K.f10	#EN1 Earthworks K.f99 +EN1 Hydrology I. K.f10	
-17:00					

Laboratory Practice of Testing of Str. and Mat.

2016. 05. 30 - 06. 03

2015/16 2nd Semester		BSc Branch of Structural Engineering 3rd year			students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Projektwork K.f12	Reinf. Concr. Buildings EL111 EN1/EN2 Constr. Mat. II. MM.L2/MM.L3		+Reinf. Concr. Buildings EL111 #EN1 Reinf. Concr. Build. EL111	Underground Str. K.mf21
10:15-12:00	Steel and Composite Str. EL111	Bridges and Infrastr. EL111	EN1 3D Constr. Mod. of Str. K.f12	+Steel Buildings EL111 #EN1Steel Buildings EL111	#EN1 Underground Str. K.mf21 +Constr. Materials II. MM105
12:15-14:00		Steel Buildings EL111	+EN1Steel and Comp.Str. EL111		Reinf. Concr. Bridges K.f12
14:15-16:00		+EN1 Field Course of Structural Geodesy K.GLabA 14:15-18:00		+EN1 Rock Mechanics K.138 # Rock Mechanics K.138	EN1Reinf. Concr. Bridges K.f12

Civil Engineering

Structural Engineering

Bsc elective

Cross semesters

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

	2015/16/2nd 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	Frac. Mech. & Fatigue BMEEOHSMB11 EA K.mf78		FEM Based Str. Design K.mf78		Num. Mod. In Geotech. BMEEOGMMC05 EA, K.mf21
13:15-14:00		Numerical Methods BMEEOFTMKT2			
14:15-15:00		Numerical Methods K.f30a			
15:15-16:00		Num. Mod for Structures BMEEOTMMB06 EA K.mf78			
16:15-18:00					