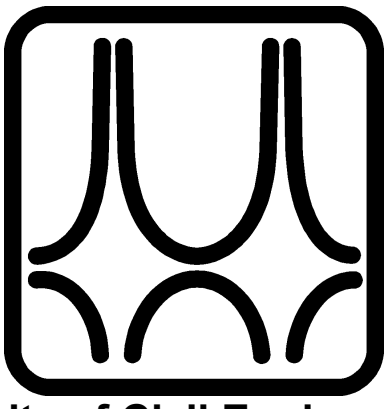
Budapest University of Technology and Economics

Timetable

Study Abroad and Exchange
Year 2016/17 - 1st Semester



Faculty of Civil Engineering

BSc-MSc course year 2016/17 1st semester calendar

Week	Educational week	Even(#)/Odd(+)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
34	0		29 August	30 August	31 August	1 September	2 September	3 September	4 September
			---------- **Registration week, registration** ----------						
35	1	+	5 September **Start of semes.**	6 September	7 September	8 September	9 September	10 September	11 September
36	2	#	12 September	13 September	14 September Sports Day	15 September	16 September	17 September	18 September
37	3	+	19 September	20 September	21 September	22 September	23 September	24 September	25 September
38	4	#	26 September	27 September	28 September	29 September	30 September	1 October	2 October
39	5	+	3 October	4 October	5 October	6 October	7 October	8 October	9 October
40	6	#	10 October	11 October	12 October	13 October	14 October	15 October + Monday working day	16 October
41	7	+	17 October	18 October	19 October	20 October	21 October	22 October	23 October National Day
42	8	#	24 October	25 October	26 October	27 October	28 October	29 October	30 October
43	9	+	31 October rest-day	1 November All Saints' Day	2 November	3 November	4 November	5 November	6 November
44	10	#	7 November	8 November	9 November	10 November	11 November	12 November	13 November
45	11	+	14 November	15 November	16 November	17 November Students' Scientific Con.	18 November	19 November	20 November
46	12	#	21 November	22 November	23 November	24 November	25 November Open Day	26 November	27 November
47	13	+	28 November	29 November	30 November	1 December	2 December	3 December	4 December
48	14	#	5 December	6 December	7 December	8 December	9 December **End of semes.**	10 December	11 December
49		+	12 December	13 December	14 December	15 December	16 December	17 December	18 December
			---------- **Completion week** ----------						
50		#	19 December **Start of exam period**	20 December	21 December	22 December	23 December	24 December	25 December Christmas
51		+	26 December Christmas	27 December Winter break	28 December Winter break	29 December Winter break	30 December Winter break	31 December	1 January New Year's Day
1		#	2 January	3 January	4 January	5 January	6 January	7 January	8 January
2		+	9 January	10 January	11 January	12 January	13 January	14 January	15 January
3		#	16 January	17 January	18 January	19 January	20 January	21 January	22 January
4			23 January **End of exam period**	24 January Winter break	25 January Winter break	26 January Winter break	27 January Winter break	28 January	29 January

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 1	2	3	4	5	6	7	8	Preliminary requirement(s)		
Basic subjects																				
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		
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	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	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 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							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	
Major of Buildings																				
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		
Construction Technology	BMEEOHSA-K1	3	1	1				M	7							X		EOHSAS41	EOHSAS42	
Building Design Projectwork	BMEEOHSA-AP	6				2		M	7							X		EODHAS41	EOHSA-A1	EOHSA-A2
Diploma Project	BMEEODHA-AD	24						M	8								X	EOHSA-AP		
Proposed Elective Subjects																				
Reinforced Concrete Bridges	BMEEOHSA-B2	4	2	1				E	6									EOHSAS42	EOHSAS43	EOHSAS44

Cross semesters: GMAT42, HSAT42, HSAT43, HSAS-A1, HSAS-A2, TMAT42, VVAT42, UVAT42, DHAS41, EKAT41

	2016/17 1st Semester	BSc Civil Engineering 1st year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00			EN1 CAD for Civil Engineers K.142a	**Chemistry for Civ. Eng.** K.144	
10:15- -12:00	EN1 Civil Eng. Represent. K.371	EN1,EN2 Surveying I. K.GlabA,B	EN2 CAD for Civil Engineers K.142a	EN1 Basis of Stat.&Dyn. K.mf78	
12:15- -14:00	**+Geology** K.136 **#Surveying I.** K.f27		EN1 Basis of Stat.&Dyn. K.mf78	EN1 Geology K.136	
14:15- -16:00	EN1 Basis of Stat.&Dyn. K.mf78			+EN1Basis of S.&D.K.mf78 K.mf78	
16:15- -18:00	**Civil Eng. Representation** K.f12				

	2016/17 1st Semester	BSc Civil Engineering 2nd year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00	**Structural Analysis I.** K.mf30	#EN1 Public Works K.mf31 #EN1 Hydraulics I. K.f15	**Hydrology I.** K.f10	EN1 Soil Mechanics K.mf21	EN1 Building Constr. Study K.mf31
10:15- -12:00		+EN1 Geoinfo. K.142b #EN2 Geoinfo. K.142b	**Soil Mechanics** K.mf21	**Basis of Str. Design** K.mf30	EN1 Intr.to Str. of Mat. K.376
12:15- -14:00	**Public Works** K.mf31 **Hydraulics I.** K.f15	**Railway Tracks** K.f99 12:15-15.00	**+Building Constr. St.** K.375 #EN1 Hydrology I. K.f10	**Structural Analysis. I.** K.mf30 EN1 Intr.to Str. of Mat. K.376	
14:15- -16:00	**Geoinformatics** K.mf30			**Basics of Env. Eng.** K.mf30	

	2016/17 1st Semester	BSc Branch of Structural Engineering 3rd year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00	**RC. Structures** EL111	**RC & Masonry Str.** K.374	**+ Constr. Mat. II.** MM.P #Constr. Management K.376	**Bridges and Infrastr.** EL111	
10:15- -12:00	**Steel and Composite Str.** EL111	+EN1 RC and Masonry Str. K.374 **# Building Constr. II.** K.374	EN1 Building Constr. II. K.144	**Structural Analysis II.** K.mf78	**Foundation Eng.** K.mf21
12:15- -14:00	EN1 Steel and Comp. Str. EL111	**Constr. Management** K.376	**+Structural Analysis II.** K.376 #EN1 Structural Analysis II. K.376	EN1 Construction Mat. II. MM.L2	**+ RC. Structures** EL111
14:15- -16:00	**Roads** K.f99	Testing of Str. & Materials EL111 & MM.P		**Steel Structures** K.f12	
16:15- -18:00					

	2016/17 1st Semester	BSc Branch of Structural Engineering 4th year			students
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
8:15- -10:00	**Urban and Reg. Dev.** K.f99	**Constr. Techn.** EL111 EN1 Constr. Techn. EL111	Design of Str. Projectwork K.f12		
10:15- -12:00	**Public Adm. and Land R.** K.f99	**Steel Buildings** EL111	EN1 Building D. Projectwork K.f12	**+ Steel Buildings** EL111 #EN1 Steel Buildings EL111	**+ Reinf. Concr. Buildings** # EN1 RC Buildings EL111
12:15- -14:00		**Reinf. Concr. Buildings** EL111			**Building C. Method.** K.144 EN1 Build. Constr. M. K.144
14:15- -16:00					+EN1 Field C. of Str.Geod. K.f27
16:15- -18:00	**Dynamics of Structures** K.mf30				

Civil Engineering	Structural Engineering	Cross semesters

Curriculum of MSc in Structural Engineering, Major in Computational Structural Engineering for Study Abroad and Exchange students

Only for MSc in Structural Engineering Students

Subjects			Semesters (lect/sem/exams/credits)			Pre-requisites	
Name	Code		1	2	3	1	2
Advanced Mechanics	BMEEOTMMST9		2/2/e/4				
Numerical Methods	BMEEOFTMKT2			1/2/e/3			
Database Systems	BMEEOFTMKT3		2/0/t/2				
Finite Element Method I.	BMEEOTMMST0		2/0/e/2				
FEM Modelling of Structures	BMEEOHSMB01		5d/t/2			MST0!	
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	
Diploma Project	BMEEODHMSDM				t/20	min 56 credits	

Differentiated Subjects

Numerical Models for Structures	BMEEOTMMB06			2/0/t/3			
Structural Analysis Theory	BMEEOTMMB07		1/1/f/3				
Seismic Design	BMEEOGMMC03			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			

	2016/17 1st Semester	MSc in Computational Structural Engineering Fall semester			
	Monday	**Thuesday**	**Wednesday**	**Thursday**	**Friday**
8:15--9:00		**Structural Reliability** BMEEOHSMST5 EA K.mf78		**Structural Dynamics** BMEEOTMMB02 EA K.mf78	EN1 Advanced Mechanics K.mf78
9:15--10:00					
10:15--11:00		**Extr. Actions of Str.** BMEEOHSMB10 EA K.mf78	EN1 Stability of Structures K.mf78		
11:15--12:00					
12:15--13:00	**Finite Element Method I.** BMEEOTMMST0 EA K.mf78	**Stability of Structures** BMEEOTMMB03 EA K.mf78			EN1 Structural Dynamics K.mf78
13:15--14:00					
14:15--15:00			**Advanced Mechanics** BMEEOTMMST9 EA K.mf78		**Database Systems** BMEEOFTMKT3 EA K.142a
15:15--16:00					
16:15--17:00			**Structural A. Theory** BMEEOTMMB07 EA, K.mf78		
17:15--18:00			EN1 Structural A. Theory		