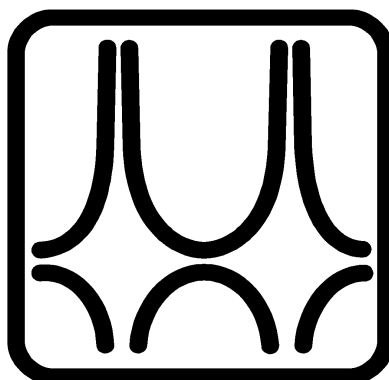




Budapest University of Technology and Economics

Timetable

**International full time students
Year 2020/21 - 2nd Semester**



Faculty of Civil Engineering

BSc-MSc course year 2020/21 2nd semester calendar

Edu week	even(#)/odd(+)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb
		Winter hoiliday	Winter hoiliday	-----Registration week-----				
1	+	8-Feb Semester start	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb
2	#	15-Feb	16-Feb	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb
3	+	22-Feb	23-Feb	24-Feb	25-Feb	26-Feb	27-Feb	28-Feb
4	#	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar
5	+	8-Mar	9-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar
6	#	15-Mar National holiday	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar
7	+	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar
8	#	29-Mar	30-Mar	31-Mar	1-Apr Spring hoiliday	2-Apr Good Friday	3-Apr	4-Apr Easter
9	+	5-Apr Easter	6-Apr Spring hoiliday	7-Apr Spring hoiliday	8-Apr	9-Apr	10-Apr	11-Apr
10	#	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr
11	+	19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr
12	#	26-Apr	27-Apr	28-Apr	29-Apr	30-Apr	1-May Workers' Day	2-May
13	+	3-May	4-May	5-May	6-May	7-May	8-May	9-May
14	#	10-May	11-May	12-May	13-May	14-May Semester end	15-May	16-May
		17-May	18-May	19-May	20-May	21-May	22-May	23-May
		-----Repeat week-----						Pentecost
		24-May Pentecost	25-May Exam per. start	26-May	27-May	28-May	29-May	30-May
		31-May	1-Jun	2-Jun	3-Jun	4-Jun	5-Jun	6-Jun
		7-Jun	8-Jun	9-Jun	10-Jun	11-Jun	12-Jun	13-Jun
		14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun
		21-Jun State Exam per. start	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun
		28-Jun Exam per. end	29-Jun	30-Jun	1-Jul	2-Jul	3-Jul	4-Jul
								State Exam per. end

The last examination day of the subjects taught by the Faculty of Civil Engineering in the BSc program is 21 June because of the Field courses.

Diligence period:

Repeat week:

Exam period:

Holiday:

Pre-Engineering Courses in Civil Engineering

Subjects		Semesters (lectures)		Cross semester
Name	Code	1	2	
Basic Mathematics I.	BMETETOPB22	4		Y
Basic Informatics	BMEEOFTPRE1	4		N
Engineering Sciences	BMETETOP117	4		N
Technical Drawing	BMEEOEMPRES2	4		N
Freehand Drawing for CE	BMEEPRA121	2		N
Design Skills	BMEEPRA111	2		N
English for Studies 1.	BMEGT630101	6		N
Basic Mathematics II.	BMETETOPB23		5	N
Basic Mechanics	BMEEOTMPRE3		5	N
Basic Surveying	BMEEOAFPRES4		4	N
Basic Hydraulics	BMEEOVVPRES5		2	N
Fundamental of Structures	BMEEPSTG201		4	N
English for Studies 2.	BMEGT630102		6	N

**For students of BME of Civil Engineering only criteria subjects (no credit points)
Students can enter the Bsc degree program only after completing all the subjects
of the Pre-Engineering Courses in Civil Engineering**

	2019/20 2nd Semester				
	Pre-Engineering Courses in Civil Engineering				
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-9:00				Basic Surveying BMEEOFTPRE4	Basic Mechanics BMEEOTMPRE3
9:15-10:00					
10:15-11:00			Basic Surveying BMEEOFTPRE4 K.f27a		Basic Mechanics BMEEOTMPRE3
11:15-12:00					
12:15-13:00		Fundamental of Struct. BMEEPSTG201	English for Studies 2. BMEGT630102	English for Studies 2. BMEGT630102	
13:15-14:00					
14:15-15:00		Basic Mathematics II. BMETETOPB23			Basic Mathematics II. BMETETOPB23
15:15-16:00			Basic Hydraulics BMEEOFTPRE5 K.f15	Fundamental of Struct. BMEEPSTG201	
16:15-17:00					
17:15-18:00			Basic Mathematics I. BMETETOPB22	Basic Mathematics I. BMETETOPB22	
18:15-19:00					

Civil Eng.	Achitect.	Natural Sci.	Language	Cross-semester
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CIVIL ENGINEERING BSC FROM 2017 - SPECIALIZATION IN STRUCTURAL ENGINEERING

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	
Core subjects																		
English for Civil Engineering 1.	BMEGT63A2E1	4	4					M	1	X								
Surveying I.	BMEEOFAT41	3	1	2				M	1	X								
Chemistry of Construction Materials	BMEEOMAT41	2	2					M	1	X								
Civil Engineering Representation and Drawing	BMEEOMAT42	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								
Mathematics A1a - Calculus	BMETE90AX00	6	4	2				E	1	X								
Physics for Civil Engineers	BMETE11AX13	2	2					M	1	X								
English for Civil Engineering 2.	BMEGT63A2E2	4	4					M	2		X							
Surveying II.	BMEEOFAT42	4	2	2				E	2		X				EOAFAT41	EOFTAT41		
Construction Materials I.	BMEEOMAT43	5	2		2			E	2		X				EOEMAT41			
Civil Engineering Informatics	BMEEOFAT42	5	2	2				M	2		X							
Building Construction Study	BMEEOMAT44	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							
Mathematics A2a - Vector Functions	BMETE90AX02	6	4	2				E	2		X				TE90AX00			
Surveying Field Course	BMEEOFAT43	3					9	M	3			X			EOAFAT42!~			
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3			X			EOGMAT41	EOTMAT42		
Geoinformatics	BMEEOFAT43	3	2	1				M	3			X						
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						
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						
Mathematics A3 for Civil Engineers	BMETE90AX07	4	2	2				E	3			X			TE90AX02			
Earthworks	BMEEOGMAT43	3	2	1				E	4				X		EOGMAT42			
Steel Structures	BMEEOHSAT42	3	3					M	4				X		EOTMAT42	EOEMAT43~		
Reinforced Concrete Structures	BMEEOHSAT43	3	3					M	4				X		EOTMAT42	EOEMAT43~		
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		
Business Law	BMEGT55A001	2	2					M	4				X					
Foundation Engineering	BMEEOGMAT45	4	3					E	5				X		EOGMAT43			
Management and Business Economics	BMEGT20A001	4	4					M	5				X					
Micro- and Macroeconomics	BMEGT30A001	4	4					E	6					X				
Communication Skills for Civil Engineers	BMEGT60A6E0	2		2				M	6					X				
Urban and Regional Development	BMEEOUVAT43	3	2					M	7						X			
Optional subjects		4	4					M	7						X			
Branch Subjects																		
Building Construction I.	BMEEOMAS42	3	1	2				E	4				X		EOEMAT44			
Timber Structures	BMEEOHSAS44	3	2					M	4				X		EOTMAT42	EOHSAT41		
Strength of Materials	BMEEOTMAS41	3	2					E	4				X		EOTMAT43			
Construction Materials II.	BMEEOMAS41	3	1	2				E	5				X		EOEMAT43			
Building Construction II.	BMEEOMAS43	3	1	2				E	5				X		EOEMAS42			
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		
Bridges and Infrastructures	BMEEOHSAS43	3	2					E	5				X		EOHSAT42	EOHSAT43		
Laboratory Practice of Testing of Structures and	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			
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		
Design of Structures Projectwork	BMEEODHAS41	6				2		M	6					X	EOHSAS47	EOHSAS42		
Public Administration and Land Registry	BMEEOUVAT44	3	2					M	7						X			
Field Course of Structural Geodesy	BMEEOFAS42	1			2			M	7						X	EOAFAT43		
Dynamics of Structures	BMEEOTMAS43	3	2					M	7						X	EOTMAT43		
Technical Internship	BMEEODHAS42	0					20	S	7						X	EOHSAS47		
Specialization in Structural Engineering																		
Steel Buildings	BMEEOHSAS-A1	5	3	1				E	6						X	EOHSAS47		
Reinforced Concrete Buildings	BMEEOHSAS-A2	5	3	1				E	6						X	EOHSAS42		
Building Construction Methodology	BMEEOMA-A1	2	1	1				E	7						X	EOEMAS43		
Engineering Works	BMEEOHSAS-B3	3	2					E	7						X	EOHSAT43		
Structural Design Projectwork	BMEEOHSAS-PP	6				2		M	7						X	EOHSAS41		
Preparatory Course for BSc Thesis Project	BMEEODHA-PT	9						M	8							X		
Bachelor Thesis Project	BMEEODHA-PS	15						M	8							X		
Total number of credits		240								32	36	33	27	32	32	25	24	
Total number of classes		184								31	33	28	25	28	22	16	0	
Number of exams		23								3	4	4	4	4	3	1	0	
Recommended Optional Subjects																		
Reinforced Concrete Bridges	BMEEOHSAS-B2	4	2	1				E	6							EOHSAS42		
Hungarian Culture Part 1	BMEGT658363	4	4					M								EOHSAS43		
Cross semesters: EMAT44, EMAS42, HSAT42, HSAT43, HSAS-A1, HSAS-A2, TMAT42, TMAS41, UVAT42, VVAT42, DHAS41, EKAT41																		

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.

2020/21 2nd Semester		BSc Civil Engineering 1st year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 English for CE 2	EN1 English for CE 2	EN1 CAD for Civil E.	EN1 Constr. Mat. I. MM.L2 EN2 Constr. Mat. I. MM.L3 EN3/EN4 Surveying II.	EN1 Intr.to Str. of M. EN2 Intr.to Str. of M.
	EN2 English for CE 2	EN2 English for CE 2	EN2 CAD for Civil E.		
10:15-12:00	EN1 B. Const. Study K.183 EN2 B. Const. Study K.144	Hydraulics I.	Constr. Materials I.	EN1/EN2 Surveying II. EN3 Constr. Mat. I. MM.L4 EN4 Constr. Mat. I. MM.P	Civil Eng. Representation
	EN1 Basis of Stat.&Dyn.				
12:15-14:00	Surveying II.	EN1 Basis of Stat.&Dyn.	+EN1 Hydraulics I. #EN2 Hydraulics I.	EN1 Intr. to Str. of M. EN2 Intr. to Str. of M. EN5/EN6 Surveying II.	EN1 Civil Eng. Representation
14:15-16:00	EN1 CE Informatics EN2 CE Informatics #EN1 Basis of Stat.&Dyn.	#Building Con. St.	EN3 CE Informatics EN4 CE Informatics	+EN1 Intr. to Str. #EN2 Intr. to Str.	
16:15-18:00	Mathematics A2a	Mathematics A2a	EN1 Mathem. A2a K.374 EN2 Mathem. A2a K.375	CE Informatics	

Surveying Field Course	EN1 2020.06.11-06.19	EN2 2020.06.22-06.30	EN3 2020.07.10-07.18
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2020/21 2nd Semester		BSc Civil Engineering 2nd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Building Const.I.	+ Steel Structures K.f12 # Reinf. Concr. Str. K.f12	Reinf. Concrete Str.	Hydr. Eng. & Water Man.	+EN1 Earthworks #EN2 Earthworks
10:15-12:00	Business Law K.f88	#Building Constr.I.	+EN1 Hydr.Eng.&Water Man	Steel Structures	Structural An. I.
	Hydrology I K.f10	+Building Constr.II.	#EN1 Constr. Management		
12:15-14:00	+ Steel Structures EN1 Building Const.II.	Constr. Management	Earthworks EA Soil Mechanics	Timber Structures	Structural An. I.
14:15-16:00	Roads Railway Tracks	EN1 Soil Mechanics	+EN1 Hydrology #EN1 P.Works	Basics of Env. Eng.	
16:15-18:00	14:15-17:00	Public Works I.	Strength of Materials	#EN2 Hydr.Eng.&Water Man	

2020/21 2nd Semester		BSc Branch of Structural Engineering 3rd year			students
Monday		Tuesday	Wednesday	Thursday	Friday
8:15-10:00	EN1 Structural Design Projektwork	Reinf. Concr. Buildings	Micro&Macroeconomics	+ Reinf. Concr. Buildings	#EN1 Rock Mechanics +EN2 Rock Mechanics #EN3 Rock Mechanics
				#EN1 Reinf. Concr. Build.	
10:15-12:00	Bridges and Infrastr.	EN1 Design of Structures Projektwork	EN1 3D Constr. Mod. of Str.	+ Steel Buildings	+ Rock Mechanics #EN1 Underground Str.
12:15-14:00	Steel and Composite Str.	Underground Str.	Engineering Works	Micro&Macroeconomics	Reinf. Concr. Bridges
14:15-16:00	+ Steel and Comp.Str.		Comm. Skills for CE	Steel Buildings	EN1 Reinf. Concr. Bridges

Core subjects online	Struct Eng branch subjects	Cross semesters online	Core subjects presence	Cross semesters presence
			Branch subjects presence	Elective

STRUCTURAL ENGINEERING MSC PROGRAM

	Code	Credit	Lecture	Seminar	Laboratory	Consultation	Day	M/E/S	Semester
Core Subjects									
Advanced Mathematics	BMETE90MX33	3	2	1				E	1
Physics Laboratory	BMETE11MX22	1			1			M	2
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	BMEEOHSM51	5	3	1				E	1
Decision Supporting Methods	BMEEPEKMST4	2	2					M	3
Accounting, Controlling, Taxation	BMEGT35M014	2	2					M	3
Corporate Finance	BMEGT35M411	2	2					M	3
Engineering Ethics	BMEGT41M004	2	2					M	3
Optional Subjects		5							
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
Elective Subjects		11							
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	BMEEOHSM5P	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
Elective Subjects		7							
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
Elective Subjects		7							
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

2020/21 2nd Semester		MSc Specialization in Structural Engineering Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	EN1 Numerical Methods	Stability of Structures BMEEOHSMT-2 EA	Strengthening of Str. BMEEOHSMT63	EN1 Structures Project BMEEOHSMS5P	*+Meth. of Eng. Analysis BMEEOHSMT62, K.f12	
9:15-10:00						EN1 Strengthening of Str.
10:15-11:00	Plasticity BMEEOTMMN61 EA, K.mf78	EN1 Stability of Str.	EN2 Numerical Meth.	Applied Fract. Mech. BMEEOHSMT61 EA	Prestressing Tech. BMEEOHSMT62, K.f12	
11:15-12:00						EN1 Plasticity
12:15-13:00	Structures II. BMEEOHSMT-1 EA	Nonlinear FEM BMEEOTMMN62 EA	Geodynamics BMEEOGMMS51 EA	01 Appl. Fracture Mech.	#EN2 Numerical Meth.	
13:15-14:00						
14:15-15:00	EN1 Structures II.	Physic Laboratory BMETE11MX22 ONLINE 3 times in the sem. EA2	Physic Laboratory BMETE11MX22 ONLINE 3 times in the sem. EA1	EN1 Seismic Design		
15:15-16:00	An. of Rods&Frames BMEEOTMMN63					
16:15-17:00	EN1 An.of Rods&Frames			Structural Dynamics BMEEOTMMN-1 EA		
17:15-18:00	Discrete Element Meth. BMEEOTMMN64					
-19:00	EN1 Discrete Methods			EN1 Structural Dynamics		

2020/21 2nd Semester		MSc Specialization in Numerical Modelling Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	EN1 Numerical Mod. Pr. BMEEOTMMS5P K.mf78	Stability of Structures BMEEOHSMT-2 EA	Strengthening of Str. BMEEOHSMT63	EN1 Structures Project BMEEOHSMS5P	*+Meth. of Eng. Analysis BMEEOHSMT62, K.f12	
9:15-10:00						EN1 Numerical Methods
10:15-11:00	Plasticity BMEEOTMMN61 EA, K.mf78	EN1 Stability of Str.	EN2 Numerical Meth.	Applied Fract. Mech. BMEEOHSMT61 EA	Prestressing Tech. BMEEOHSMT62, K.f12	
11:15-12:00						EN1 Plasticity
12:15-13:00	Structures II. BMEEOHSMT-1 EA	Nonlinear FEM BMEEOTMMN62 EA	Geodynamics BMEEOGMMS51 EA	01 Appl. Fracture Mech.	#EN2 Numerical Meth.	
13:15-14:00						
14:15-15:00	EN1 Structures II.	Physic Laboratory BMETE11MX22 ONLINE 3 times in the sem. EA2	Physic Laboratory BMETE11MX22 ONLINE 3 times in the sem. EA1	EN1 Seismic Design		
15:15-16:00	An. of Rods&Frames BMEEOTMMN63					
16:15-17:00	EN1 An.of Rods&Frames			Structural Dynamics BMEEOTMMN-1 EA		
17:15-18:00	Discrete Element Meth. BMEEOTMMN64					
-19:00	EN1 Discrete Methods			EN1 Structural Dynamics		

2020/21 2nd Semester		MSc Specialization in Geotechnics and Geology Fall Semester				
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:15-9:00	Eng. Geology MSc BMEEOGMMG-1 EA	+EN1 Eng. Geology MSc	Eng. Geology of HU BMEEOGMMG64 EA	EN1 Numerical Methods	*+Meth. of Eng. Analysis BMEEOHSMT62, K.f12	
9:15-10:00						#EN1 Meth. of Eng. An.
10:15-11:00	Earthworks of Infrastr. BMEEOGMMG-4 EA		EN2 Numerical Meth.		#EN1 Numerical Meth.	
11:15-12:00						
12:15-13:00	EN1 Earthw. of Infrastr.	Hydrogeology BMEEOGMMG62 EA	Geodynamics BMEEOGMMS51 EA	EN1 Geotech. projekt BMEEOGMMS5P	#EN2 Numerical Meth.	
13:15-14:00						
14:15-15:00	Tunneling BMEEOGMMG61 EA	Physic Laboratory BMETE11MX22 ONLINE 3 times in the sem. EA2	Physic Laboratory BMETE11MX22 ONLINE 3 times in the sem. EA1	Geotechnical Design BMEEOGMMG-3 EA		
15:15-16:00						
16:15-17:00				EN1 Geotech. Design		
17:15-18:00				Discrete Element Meth. BMEEOTMMN64 EN1 Discrete Methods		

Core Subjects (online)	Structural Engineering	Numerical Modelling	Geotechnics&Geology	Elective (online)
Core Subjects presence		online		Electiv (presence)
	Cross Semester (presence)		Cross Semester (online)	