## Changes in the BSc in Civil Engineering program of the BME Faculty of Civil Engineering

## in 2019/2020/I. and II. semesters

The attached BSc education program sheet contains the changes. The eliminated prerequisites are crossed out; the redefined requirements are marked in red. Changes in the pre-requisition system will come into force in the fall semester of 2019, the subject registration from the summer of 2019 is based on the modified program.

Subjects of Communication Skills for Civil Engineers (BMEGT60A6EO) and Construction Management (BMEEPEKAT41) changed places in the curriculum, the former is recommended to be taken in the 4<sup>th</sup> semester, while the latter in the 6th semester. Their pre-requirements have not changed.

Budapest, 28<sup>th</sup> June 2019 Tamás Lovas Vice dean for education BME Faculty of Civil Engineering

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				<u>ـ</u>	tory	Consultation			er											
		Credit	Lecture	Seminar	Laboratory	Insc	>	M/E/S	Semester											
Subject Name	Code	Cre	Lec	Ser	Lat	Col	Day	W/	Ser	1	2	3	4	5	6	7	8	Preliminary Re	quirement(s)	
Core Subjects																				
English for Civil Engineering 1.	BMEGT63A2E1	4		4				М	1	Х								-		
Surveying I.	BMEEOAFAT41	3	1	2				М	1									-		
Chemistry for Civil Engineers	BMEEOEMAT41	2	2					М	1									-		
Civil Engineering Representation and Drawing	BMEEOEMAT42	4	2	2				M	1									-		
CAD for Civil Engineers	BMEEOFTAT41	2	1	2				M E	1		=							-		
Geology Basis of Statics and Dynamics	BMEEOGMAT41 BMEEOTMAT41	3 6	1	2 5				E	1		-							-	-	
Mathematics A1a - Calculus	BMETE90AX00	6	4	2				E		X								-		
Physics for Civil Engineers	BMETE11AX13	2	2	~				M		X	=	=						-		
English for Civil Engineering 2.	BMEGT63A2E2	4		4				М	2		х									
Surveying II.	BMEEOAFAT42	4	2	2				E	2		х							EOAFAT41	EOFTAT41	
Construction Materials I.	BMEEOEMAT43	5	2		2			E	2		Х	=						EOEMAT41		
Civil Engineering Informatics	BMEEOFTAT42	5	2	2				М	2		Х	=						EOFTAT41		
Building Construction Study	BMEEOEMAT44	3	1	2		<u> </u>		М	2		Х	=						EOEMAT42		
Introduction to Strength of Materials	BMEEOTMAT42	6	-	5		<u> </u>		M	2		Х							EOTMAT41	TE90AX00~	
Hydraulics I. Mathematics A2a, Vector Eulertions	BMEEOVVAT42	3	2	1		<u> </u>		E	2		X									
Mathematics A2a - Vector Functions Surveying Field Course	BMETE90AX02 BMEGT70BS1A	6 0	4	2				E S	2		X X	=	=	=	=	=	_	TE90AX00		
Soil Mechanics	BMEGT70BS1A BMEEOAFAT43	0		2		-	0	S M	2	-	^	= X		-	-	-	-	- EOAFAT42!~		
Geoinformatics	BMEEOGPAT43 BMEEOGMAT42	3 4	2	2		-	9	M	3			× X					_	EOGMAT41	EOTMAT42	
Basis of Design	BMEEOFTAT43	3	2	1				M	3			X	=					EOAFAT42		
Structural Analysis I.	BMEEOHSAT41	3	2					M	3		=	X						EOTMAT41		
Railway Tracks	BMEEOTMAT43	4	4					E	3			х						EOTMAT42	TE90AX00	
Basics of Environmental Engineering	BMEEOUVAT41	3	3					E	3		=	Х						EOAFAT41		
Public Works I.	BMEEOVKAT41	3	2					М	3		=	Х						-		
Hydrology I.	BMEEOVKAT42	3	2	1				E	3			Х						EOVVAT42		
Mathematics A3 for Civil Engineers	BMEEOVVAT41	3	2	1				М	3	=	=	Х						-		
Surveying II.	BMETE90AX07	4	2	2				E	3			Х	=					TE90AX02		
Earthworks	BMEEOGMAT43	3	2	1				E	4				X X					EOGMAT42	FOEMATA2~	FOUCATAA
Steel Structures	BMEEOHSAT42 BMEEOHSAT43	3	3					M M	4				X X					EOTMAT42 EOTMAT42	EOEMAT43~ EOEMAT43~	EOHSAT41 EOHSAT41
Reinforced Concrete Structures Roads	BMEEOUVAT42	2	3					M	4				× X					EOUVAT41	EUEIVIA143	EURSA141
Hydraulic Engineering, Water Manag.	BMEEOVVAT42 BMEEOVVAT43	3	2	1				E	4				^ X	=				EOVVAT41	EOVVAT42	
Communication Skills for Civil Engineers	BMEGT60A6EO	2	2	2				M	4	=	=	=	×	=	=	=		-	20004142	
Business Law	BMEGT55A001	2	2	-				M	4		=	=	X	=	=			-		
Foundation Engineering	BMEEOGMAT45	4	2	1				E	5					х				EOGMAT43		
Management and Business Economics	BMEGT20A001	4	4					М	5		=	=	=	х	=	=		-		
Micro- and Macroeconomics	BMEGT30A001	4	4					E	6	=	=	=	=	=	Х	=		-		
Construction Management	BMEEPEKAT41	3	2	1				М	6				=	=	Х			EOEMAT44	EOGMAT42	
Urban and Regional Development	BMEEOUVAT43	3	2					М	7		=	=	=	=	=	Х		-		
Optional subjects		4	4					М	7	=	=	=	=	=	=	Х	=			
Branch Subjects																				
Building Construction I.	BMEEOEMAS42	3	1	2				E	4				Х					EOEMAT44		
Timber Structures	BMEEOHSAS44	3	2			1		M	4		-	-	X					EOTMAT42	EOEMAT43	EOHSAT41
Strength of Materials	BMEEOTMAS41	3	2			1		E	4				х					EOTMAT43		
Construction Materials II.	BMEEOEMAS41	3	1		2	1		E	5					Х				EOEMAT43	1	1
Building Construction II.	BMEEOEMAS43	3	1	2				E	5					Х				EOEMAS42	EOHSAT41	
Steel and Composite Structures	BMEEOHSAS47	4	3					М	5					Х				EOHSAT42	EOHSAT43	
RC and Masonry Structures	BMEEOHSAS42	4	2	1				М	5	-				Х	_			EOHSAT43	EOEMAS42	EOTMAT43
Bridges and Infrastructures	BMEEOHSAS43	3	2					E	5					Х				EOHSAT42	EOHSAT43	
Laboratory Practice of Testing of Structures and	BMEEOHSAS46	2			4	·		М	5					Х				EOHSAT42	EOHSAT43	
Structural Analysis II.	BMEEOTMAS42	4	3			<u> </u>	<u> </u>	М	5		<u> </u>	<u> </u>		Х				EOTMAS41	TE90AX07	
Rock Mechanics	BMEEOGMAS41	3	1	1				М	6						X			EOGMAT41	EOGMAT42	
Underground Structures, Deep Found.	BMEEOGMAS42	3	2	1				м	6						Х			EOGMAT45	50000700	
3D Constructional Modelling of Structures Design of Structures Projectwork	BMEEOHSAS45 BMEEODHAS41	3		2		2		M M	6				$\vdash$		X X			EOHSAT42 EOHSAS47	EOHSAT43 EOHSAS42	EOFTAT42 EOGMAT45
Public Administration and Land Registry	BMEEOUVAT44	3	2			2		M	7	-					^	х		GT55A001	20113/4342	LUGIWIA 145
Field Course of Structural Geodesy	BMEEOAFAS42	1	2		2	-		M	7	-						^ X		EOAFAT43	EOEMAT44	EOHSAT43
Dynamics of Structures	BMEEOTMAS43	3	2		- 2	-		M	7		-	-				X		EOTMAT43	TE90AX02	_0
Technical Internship	BMEEODHAS42	0				1	30		, 7	-						X		EOHSAS41	EOHSAS42	EOGMAT45
A prerequisite with '!' mark indicates the				uire d	aubi	l last a					ر مالد		+ho				tor			

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.