

**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 6<sup>th</sup> semester. Their pre-requirements have not changed.

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Vice dean for education

BME Faculty of Civil 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		
<b>Core Subjects</b>																			
English for Civil Engineering 1.	BMEGT63A2E1	4	4				M	1	X								-		
Surveying I.	BMEEOFAT41	3	1	2			M	1	X								-		
Chemistry for Civil Engineers	BMEEOEEMAT41	2	2				M	1	X								-		
Civil Engineering Representation and Drawing	BMEEOEEMAT42	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.	BMEEOEEMAT43	5	2		2		E	2	X	=							EOEMAT41		
Civil Engineering Informatics	BMEEOFAT42	5	2	2			M	2	X	=							<del>EOFTAT41</del>		
Building Construction Study	BMEEOEEMAT44	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	BMEGT70BS1A	0		2			S	2	X	=	=	=	=	=	=		EOAFAT42!~		
Soil Mechanics	BMEEOFAT43	3				9	M	3		X							EOGMAT41	EOTMAT42	
Geoinformatics	BMEEOGMAT42	4	2	2			M	3		X							<del>EOAFAT42</del>		
Basis of Design	BMEEOFAT43	3	2	1			M	3		X	=						EOTMAT41		
Structural Analysis I.	BMEEOHSAT41	3	2				M	3	=	X							EOTMAT42	TE90AX00	
Railway Tracks	BMEEOTMAT43	4	4				E	3		X							<del>EOAFAT41</del>		
Basics of Environmental Engineering	BMEEOUVAT41	3	3				E	3	=	X							-		
Public Works I.	BMEEOVKAT41	3	2				M	3	=	X							EOVVAT42		
Hydrology I.	BMEEOVKAT42	3	2	1			E	3		X							-		
Mathematics A3 for Civil Engineers	BMEEOVVAT41	3	2	1			M	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	
Communication Skills for Civil Engineers	BMEGT60A6EO	2	2	2			M	4	=	=	=	X	=	=	=		-		
Business Law	BMEGT55A001	2	2				M	4	=	=	X	=	=	=			-		
Foundation Engineering	BMEEOGMAT45	4	2	1			E	5			X						EOGMAT43		
Management and Business Economics	BMEGT20A001	4	4				M	5	=	=	=	X	=	=			-		
Micro- and Macroeconomics	BMEGT30A001	4	4				E	6	=	=	=	=	X	=			-		
Construction Management	BMEEPEKAT41	3	2	1			M	6		=	=	X					EOEMAT44	EOGMAT42	
Urban and Regional Development	BMEEOUVAT43	3	2				M	7	=	=	=	=	X				-		
Optional subjects		4	4				M	7	=	=	=	=	X	=					

<b>Branch Subjects</b>																		
Building Construction I.	BMEEOEMAS42	3	1	2			E	4			X						EOEMAT44	
Timber Structures	BMEEOHSAS44	3	2				M	4		X							EOTMAT42	<del>EOEMAT43</del>
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	<del>EOHSAT41</del>
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	<del>EOGMAT42</del>
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				<del>GT55A001</del>	
Field Course of Structural Geodesy	BMEEOFAT43	1			2		M	7						X			EOAFAT43	EOEMAT44
Dynamics of Structures	BMEEOTMAS43	3	2				M	7						X			EOTMAT43	TE90AX02
Technical Internship	BMEEODHAS42	0				30	S	7							X		EOHSAS41	EOHSAS42

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.