



**Budapest University of Technology and Economics**

# Timetable

**International part time students  
Year 2025/26 - Spring Semester**



**Faculty of Civil Engineering**

### BSc-MSc course year 2025/26 2nd semester calendar

Edu week	event(#/odd(+))	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
----- Registration week -----								
1	+	16-Feb	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb
2	#	23-Feb	24-Feb	25-Feb	26-Feb	27-Feb	28-Feb	1-Mar
3	+	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar
4	#	9-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar	15-Mar National Holyday
5	+	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar	22-Mar
6	#	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar
7	+	30-Mar	31-Mar	1-Apr	2-Apr	3-Apr	4-Apr	5-Apr
----- Spring break -----								
8		6-Apr Easter	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr	12-Apr Easter
----- Spring break -----								
9	#	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr	19-Apr
10	+	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr VN	25-Apr	26-Apr
11	#	27-Apr	28-Apr	29-Apr	30-Apr	1-May Day off	2-May	3-May
12	+	4-May	5-May	6-May	7-May	8-May	9-May	10-May
13	#	11-May	12-May	13-May	14-May	15-May	16-May	17-May
14	+	18-May	19-May	20-May	21-May	22-May	23-May	24-May
15	#	25-May Pentecostes	26-May	27-May	28-May	29-May	30-May	31-May
----- Repeat week -----								
		1-Jun	2-Jun	3-Jun	4-Jun	5-Jun	6-Jun	7-Jun
----- Repeat week -----								
		8-Jun <b>Exam per. start</b>	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
		22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun
		29-Jun <b>State (Final) examination period starts</b>	30-Jun	1-Jul	2-Jul	3-Jul	4-Jul	5-Jul
		6-Jul	7-Jul	8-Jul	9-Jul	10-Jul <b>Exam per. end</b>	11-Jul	12-Jul
<b>grade registration end</b>				<b>State Exam per. end</b>				
until 14:00								

The last examination day of the subjects taught by the Faculty of Civil Engineering in the BSc program is 10th of July because of the Field courses.

Study period:

Repeat week:

Exam period:

Holiday:

**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	
<b>Core subjects</b>																		
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								
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~/EOAFAT45~
Construction Materials I.	BMEEOEMAT43	5	2		2			E	2		X							EOEMAT41
Civil Engineering Informatics	BMEEOFTAT42	5	2	2				M	2		X							
Building Construction Study	BMEEOEMAT44	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							
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3			X						EOGMAT41 EOTMAT42
Geoinformatics	BMEEOFTAT43	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						
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
Foundation Engineering	BMEEOGMAT45	4	3					E	5					X				EOGMAT43
Construction Management	BMEEPEKAT41	3	2	1				M	6						X			EOEMAT44 EOGMAT42
Urban and Regional Development	BMEEOUVAT43	3	2					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 EOHSAT41
Strength of Materials	BMEEOTMAS41	3	2					E	4				X					EOTMAT43
Construction Materials II.	BMEEOEMAS41	3	1	2	2			E	5					X				EOEMAT43
Building Construction II.	BMEEOEMAS43	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
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 EOGMAT45
Public Administration and Land Registry	BMEEOUVAT44	3	2					M	7							X		
Field Course of Structural Geodesy	BMEEOFAS42	1			2			M	7							X		EOAFAT43 EOEMAT44
Dynamics of Structures	BMEEOTMAS43	3	2					M	7							X		EOTMAT43 TE90AX02
<b>Specialization in Structural Engineering</b>																		
Steel Buildings	BMEEOHSAS-A1	5	3	1				E	6						X			EOHSAS47
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
Engineering Works	BMEEOHSAS-B3	3	2					E	7						X			EOHSAT43 EOHSAS43 EOGMAS42
Structural Design Projectwork	BMEEOHSAS-PP	6				2		M	7						X			EODHAS41 EOHSAS-A1 EOHSAS-A2
Preparatory Course for BSc Thesis Project	BMEEODHA-PT	9						M	8							X		EOHSAS-PP
Bachelor Thesis Project	BMEEODHA-PS	15						M	8							X		EODHA-PT!
<b>Recommended Optional Subjects</b>																		
Fire resistance	BMEEOEMAV44	2	2					M					X		X		X	EOEMAT43

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.

Mobility window is the 8. semester.

**CIVIL ENGINEERING BSC FROM 2019 - SPECIALIZATION IN INFRASTRUCTURE 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>																		
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								
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~/EOAFAT45~	
Construction Materials I.	BMEEOEMAT43	5	2		2			E	2		X						EOEMAT41	
Civil Engineering Informatics	BMEEOFTAT42	5	2	2				M	2		X							
Building Construction Study	BMEEOEMAT44	3	1	2				M	2		X						EOEMAT42	
Introduction to Strength of Materials	BMEEOTMAT42	6		5				M	2		X						EOTMAT41	
Hydraulics I.	BMEEOVAT42	3	2	1				E	2		X							
Soil Mechanics	BMEEOGMAT42	4	2	2				M	3			X					EOGMAT41	
Geoinformatics	BMEEOFTAT43	3	2	1				M	3			X					EOTMAT42	
Basis of Design	BMEEOHSAT41	3	2					M	3			X					EOTMAT41	
Structural Analysis I.	BMEEOTMAT43	4	4					E	3			X					EOTMAT42	
Railway Tracks	BMEEOUVAT41	3	3					E	3			X					TE90AX00	
Basics of Environmental Engineering	BMEEOVKA41	3	2					M	3			X						
Public Works I.	BMEEOVKA42	3	2	1				E	3			X					EOVVAT42	
Hydrology I.	BMEEOVVA41	3	2	1				M	3			X						
Earthworks	BMEEOGMAT43	3	2	1				E	4				X				EOGMAT42	
Steel Structures	BMEEOHSAT42	3	3					M	4				X				EOTMAT42	
Reinforced Concrete Structures	BMEEOHSAT43	3	3					M	4				X				EOTMAT42	
Roads	BMEEOUVAT42	2	2					M	4				X				EOUVAT41	
Hydraulic Engineering, Water Manag.	BMEEOVVA43	3	2	1				E	4				X				EOVVAT41	
Foundation Engineering	BMEEOGMAT45	4	3					E	5					X			EOGMAT43	
Construction Management	BMEEPEKAT41	3	2	1				M	6						X		EOEMAT44	
Urban and Regional Development	BMEEOUVAT43	3	2					M	7							X		
<b>Branch Subjects</b>																		
Infrastructure CAD Course	BMEEOUVAI45	1			2			M	4				X				EOUVAT41	
Water Chemistry and Hydrobiology	BMEEOVKA43	3	2		1			E	4				X				EOFTAT41	
* Legal Aspects of Water and Environment	BMEEOVKA45	2	2					M	4				X					
Hydraulics 2	BMEEOVVAI42	3	2	1				E	4				X				EOVVAT42	
Highway and Railway Structures	BMEEOUVAI41	5	4					E	5				X				EOUVAT41	
Highway and Railway Design	BMEEOUVAI43	5	3	2				E	5				X				EOUVAT41	
Public Works 2	BMEEOVKA41	5	2	2				E	5				X				EOVKAT42	
Urban Environment	BMEEOVKA42	3	2			1		M	5				X				EOVKAT41	
Water Quality Management	BMEEOVKA44	3	2	1				M	5				X				EOVKA43	
Hydrology 2	BMEEOVVAI41	3	2	1				M	5				X				EOVVAT41	
* Transportation Networks	BMEEOUVAI42	3	2					M	6					X			EOUVAT42	
* Highway and Railway Laboratory Practice	BMEEOUVAI44	1			3			M	6					X			EOUVAT41	
* Water Resources Management	BMEEOVVAI43	3	2					E	6					X			EOVVAT43	
Infrastructure Study Project	BMEEODHAI41	6				2		M	6					X			EOVVAT43	
Public Administration and Land Registry	BMEEOUVA44	3	2					M	7						X		GT55A001	
Earthworks and Drainage of Transportation Infrastructures	BMEEOGMAI41	3	3					E	7							X	EOGMAT43	
<b>Proposed Optional Branch Subjects</b>																		
* Building Construction I.	BMEEOEMAS42	3	1	2				E	4				X				EOEMAT44	
* Timber Structures	BMEEOHSAS44	3	2					M	4					X			EOTMAT42	
* Construction Materials II.	BMEEOEMAS41	3	1		2			E	5				X				EOEMAT43	
* Bridges and Infrastructures	BMEEOHSAS43	3	2					E	5					X			EOHSAT42	
* Rock Mechanics	BMEEOGMAS41	3	1	1				M	6						X		EOGMAT41	
* Underground Structures, Deep Found.	BMEEOGMAS42	3	2	1				M	6						X		EOGMAT45	
<b>Specialization in Infrastructure Engineering</b>																		
Road Design	BMEEOUVA-E1	3		2				E	7							X	EOUVAI43	
Water Damage Prevention and Water Use	BMEEOVVA-F1	5	4					E	6					X			EOVVAT43	
Drinking Water and Wastewater Treatment	BMEEOVKA-H1	4	3					E	6					X			EOVKA144	
** Railway Design	BMEEOUVA-E2	3		2				E	7						X		EOUVAI43	
** River Basin Management	BMEEOVVA-F2	3	2					E	7						X		EOVVAI43	
** Environmental Impact Assessment	BMEEOVKA-H3	3	3					E	7						X		EOVKA142	
** Transport Infrastructure Design Project	BMEEOUVA-QP	6				2		M	7						X		EODHAI41	
** Hydraulic Engineering Design Project	BMEEOVVA-QP	6				2		M	7						X		EODHAI41	
** Urban Water Infrastructure Design Project	BMEEOVKA-QP	6				2		M	7						X		EODHAI41	
Preparatory Course for BSc Thesis Project	BMEEODHA-QT	9						M	8							X	*EOUVA-QP	
Bachelor Thesis Project	BMEEODHA-QS	15						M	8							X	EODHA-QT!	
<b>Proposed Elective Subjects</b>																		
Field Course of Structural Geodesy	BMEEOAFAS42	1			2			M	7							X	EOAFAT43!	
Satellite Positioning	BMEEOAFAG45	3	2					E	5					X			EOAFAT43	
The Digital Earth	BMEEOFTAG41	3	2	1				M	5					X			EOFTAT43	
Fire resistance	BMEEOEMAV44	2	2					M					X		X	X	EOEMAT43	

\* Note: Credits of the starred(\*) Branch Subjects can be substituted by the credits of the Proposed Optional Branch Subjects as long as the preliminary requirements of the prospective specialisation subjects are fulfilled.

\*\* Taking one project subject (UVA-QP or VVA-QP or VKA-QP) and its pre-requisites is mandatory in the specialization

**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.

Mobility window is the 8. semester.

**CIVIL ENGINEERING BSC FROM 2025**

**Specialization in Structural Engineering**

**Core subjects**

Subject Name	Code	Cr.	LE	SE	LA	S/M/E	Sem.	Preliminary Req. I	Preliminary Req. II	Preliminary Req. III
Mathematics Support Course	BMETEMIBsMMAT0-00	3		2		M	1			
Mathematics A1	BMETEMIBsMMAT1-00	6	4	1		E	1			
Statics Support Course	BMEEOTMBSFC001-00	3		2		M	1			
Statics	BMEEOTMBSFC002-00	5	1	4		E	1			
Civil Engineering Representation and Drawing	BMEEOEMBSFC001-00	3		2		M	1			
Geology	BMEEOGMBSFC001-00	3	1		2	E	1			
Surveying I.	BMEEOAFBSFC001-00	4	1		2	E	1			
Programming Basics	BMEEOFTBSFC001-00	3			2	M	1			
Civil Engineering Orientation	BMEEODHBSFC001-00	0	1	1		S	1			
Mathematics A2	BMETEMIBsMMAT2-00	6	4	1		E	2	F ~TEMIBsMMAT1-00		
Strength of Materials	BMEEOTMBSFC003-00	5	1	3		E	2	A ~EOTMBSFC002-00	F ~EOTMBSFC001-00	
Environmental Protection	BMEEOVKBSFC001-00	4	2	1		M	2			
Building Constructions I.	BMEEOEMBSFC002-00	5	2	1	2	M	2	F ~EOEMBSFC001-00		
Soil Mechanics	BMEEOGMBSFC002-00	4	2	2		E	2	F ~EOTMBSFC002-00	F ~EOGMBsFC001-00	
Surveying II.	BMEEOAFBSFC002-00	4	1		2	E	2	A ~EOAFBSFC001-00		
Surveying Field Course	BMEEOAFBSFC003-00	2			48 f	M	2	P ~EOAFBSFC002-00		
PE 1		0				S	2			

BSc Civil Engineering 1st year					students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00			Soil Mechanics	Soil Mechanics EN2	Building Constructions I. +ENG1 Building Constructions I. #ENG2
10:15-12:00	Building Constructions I.		Surveying II. EN1 Surveying II. EN2	+Strength of Materials #Strength of Materials	Strength of Materials +EN1 Strength of Materials #EN2
12:15-14:00	+Surveying II.	Environmental Protection	Surveying II. EN3 Surveying II. EN4	Environmental Protection EN1 Environmental Protection EN2	
14:15-16:00	Strength of Materials EN1 Strength of Materials EN2	Soil Mechanics EN1	Building Constructions I. ENL1	Environmental Protection EN1 Environmental Protection EN2	
16:15-18:00		Surveying II. EN5 Surveying II. EN6	Building Constructions I. ENL2 Building Constructions I. ENL3		

BSc Civil Engineering 2nd year					students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	BMEEOEMAS42 'EN1 Building Const. I.		BMEEOHSAT43 Reinf. Concrete Str.	BMEEOVVAT43 Hydr. Eng. & Water Man.	
10:15-12:00	+ Hydrology I # Hydrology I	BMEEOEMAS42 #Building Constr. I. BMEEOEMAS43 +Building Constr. II.	BMEEOVVAT43 +EN1 Hydr. Eng. & Water Man. BMEEOVVAT43 #EN2 Hydr. Eng. & Water Man.	BMEEOHSAT42 Steel Structures	BMEEOVVAI42 Hydraulics 2
12:15-14:00	BMEEOHSAT42 + Steel Structures	BMEEOTMAT43 Structural Analysis I.	BMEEOGMAT43 Earthworks EA	BMEEOHSAS44 Timber Structures BMEEOVKAI45 Legal aspect.	01 Hydraulics 2
14:15-16:00	BMEEOUVAT42 Roads EN1 Building Const. II. Railway Tracks 14:15-17:00	BMEEOUVAI45 EN1 Infrastr. CAD Course EN2 Infrastr. CAD Course 16-18	+EN1 Earthworks #EN2 Earthworks #EN1 Public Works	BMEEOVKAI43 Water Chem. & Hydrob. BMEEOTMAS41 Strength of Materials	Water Chem. & Hydrob. EN1 laboratory 14-18 2 * 4 hours laboratory
16:15-18:00			BMEEOVKAT42 Public Works I.	BMEEOTMAT43 Structural Analysis I.	
18:15-19:00					

BSc Branch of Structural Engineering 3rd year					students
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-10:00	Engineering Works BMEEOHS-A3	BMEEOHS-A2 Reinf. Concr. Buildings Water Resources Management BMEEOVVAI43		BMEEOHS-A2 +Reinf. Concr. Buildings BMEEOHS-A2 #EN1 Reinf. Concr. Build.	Underground Str. BMEEOGMAS42 Highway&Railway Lab. Pr. BMEEOUVAI44
10:15-12:00		EN1 Structural Design Proj. BMEEOHS-PP BMEEODHAS41 EN1 Design of Structures Proj.	BMEEOHSAS45 EN1 3D Constr. Mod. of Str. Foundation Engineering BMEEOGMAT45	BMEEOHS-A1 +Steel Buildings BMEEOHS-A1 #EN1 Steel Buildings	#EN1 Underground Str. BMEEOGMAS42 Highway&Railway Lab. Pr. 9-12
12:15-14:00	Steel and Composite Str. BMEEOHSAS47 Drinking Wat.&Waste. Treat. BMEEOVKA-H1 12-15	BMEEOHS-A1 Steel Buildings Transportation Networks BMEEOUVAI42	Constr. Management BMEEPEKAT41 Foundation Engineering BMEEOGMAT45 12-13		Water Util., Mater Dam.Prev. BMEEOVVA-F1
14:15-16:00	Steel and Composite Str. BMEEOHSAS47 14-15 Infrastructure Study Project BMEEODHAI41	+/# Rock Mechanics BMEEOGMAS41 Water Util., Mater Dam.Prev. BMEEOVVA-F1		+EN1 Constr. Management BMEEPEKAT41	
16:15-18:00				Hydraulic Engineering FC BMEEOVVAI44 17-20	

Civil Engineering	Structural Engineering	Infrastructural Engineering	BSc elective	Cross semesters
-------------------	------------------------	-----------------------------	--------------	-----------------

MSc Specialization in Structural Engineering from 2025								
Core subjects								
Name	Code	Cr	T	P	L	M/E	S	
Structures	BMEEOHSMsFST01-00	4	2	1		E	1	
Soil and Structure Interaction	BMEEOGMMsFST01-00	4	2	1		E	1	
Diagnostics of Constructions	BMEEOEMMsFST01-00	4	2		1	E	1	
Stability of Structures	BMEEOHSMsFST02-00	5	2	1		E	1	
Seismic Design	BMEEOHSMsFST03-00	5	2	1		M	1	
Design of Timber Buildings	BMEEOHSMsFST04-00	3	2			M	1	
FEM for Civil Engineers	BMEEOTMMsFST01-00	4	2	1		E	2	
Engineering Risk Assessment	BMEEOHSMsFST05-00	3	1	1		M	2	
Numerical Methods	BMEEOAFMsFAL01-00	4			3	M	2	
Structures Project work	BMEEOHSMsFST06-00	5		2		M	2	
Structural Design	BMEEOHSMsFST07-00	5	2	1		E	2	
Dynamics of Structures	BMEEOTMMsFST02-00	5	2	1		M	2	
Compulsory elective								
Nonlinear Mechanics	BMEEOTMMsFST03-00	3	2			E	2	
Digital Twins of Structures	BMEEOHSMsFST14-00	3	1	1		M	2	
Applied Fracture Mechanics	BMEEOHSMsFST15-00	3	2			M	2	
Prestressing Technologies	BMEEOHSMsFST16-00	3	2			M	2	
Strengthening of Structures	BMEEOHSMsFST17-00	3	2			M	2	
Design of Highrise Buildings, Skyscapesrs and Complex Structures	BMEEOHSMsFST18-00	3	2			M	2	
Composite Structures	BMEEOHSMsFST19-00	3	2			M	1	
Geodynamics	BMEEOGMMsFST08-00	3	2			M	2	

MSc Specialization in Geotechnics from 2025								
Basic subjects								
Name	Code	Cr	T	P	L	M/E	S	
Structures	BMEEOHSMsFST01-00	4	2	1		E		1
Soil and Structure Interaction	BMEEOGMMsFST01-00	4	2	1		M		1
Diagnostics of Constructions	BMEEOEMMsFST01-00	4	2		1	E		1
Engineering Geology	BMEEOGMMsFST02-00	5	2		1	E		1
Geotechnical Numerical Methods	BMEEOGMMsFST03-00	5	2	1		M		1
Enviromental Geotechnics	BMEEOGMMsFST04-00	3	2			M		1
FEM for Civil Engineers	BMEEOTMMsFST01-00	4	2	1		E		2
Numerical Methods	BMEEOAFMsFAL01-00	4			3	M		2
Engineering Structures for Geotechnical Engineers	BMEEOHSMsFST20-00	3	2			E		2
Geotechnics and Engineering Geology Project work	BMEEOGMMsFST05-00	5		2		M		2
Geotechnical Design	BMEEOGMMsFST06-00	5	2	1		M		2
Environmental Geology	BMEEOGMMsFST07-00	5	2		1	M		2
Compulsory elective								
Geodynamics	BMEEOGMMsFST08-00	3	2			M		2
Hydrogeology	BMEEOGMMsFST10-00	3	2			M		2
Engineering Geology of Hungary	BMEEOGMMsFST11-00	3	1	1		M		2
Tunelling	BMEEOGMMsFST12-00	3	2			M		2
Engineering Risk Assessment	BMEEOHSMsFST05-00	3	1	1		M		2
Earthworks of Infrastructures	BMEEOGMMsFST13-00	3	2	1		M		2

**MSc Specialization in Highway and Railway Engineering from 2025**

<b>Basic subjects</b>							
<b>Name</b>	<b>Code</b>	<b>Cr</b>	<b>T</b>	<b>P</b>	<b>L</b>	<b>M/E</b>	<b>S</b>
Methods of Engineering Analysis	BMEEOVVMsFIN01-00	3	1	1		M	1
Numerical Methods	BMEEOAFMsFAL01-00	4			3	M	1
Ecological Engineering	BMEEOVKMsFIN01-00	6	2	1		E	1
Infrastructure Works	BMEEOHSMsFIN01-00	5	2	1		E	1
Design of Railway Stations	BMEEOUVMsFIN01-00	4	2			E	2
Transport Strategic Planning	BMEEOUVMsFIN02-00	4	2	1		M	2
Highway Construction and Pavement Structures	BMEEOUVMsFIN03-00	4	2			E	2
Railway Track Structures and Diagnostics	BMEEOUVMsFIN04-00	4	3			E	2
Traffic engineering	BMEEOUVMsFIN05-00	4	2			E	2
Road Safety	BMEEOUVMsFIN06-00	4	2	1		M	2
<b>Compulsory elective</b>							
Special Railway Systems	BMEEOUVMsFIN08-00	3	2			M	1
Railway Engineering Case Studies	BMEEOUVMsFIN09-00	3	2			M	1
Highway Infrastructure Management Systems	BMEEOUVMsFIN10-00	3	2			M	1
Economics of Civil Engineering projects	BMEEOUVMsFIN11-00	3	2			M	2
Transport Modelling	BMEEOUVMsFIN12-00	3	2			M	2
Highway Design BIM	BMEEOUVMsFIN13-00	3	2			M	2

**MSc Specialization in Water and Hydro-Environmental Engineering from 2025**

<b>Basic subjects</b>								
<b>Name</b>	<b>Code</b>	<b>Cr</b>	<b>T</b>	<b>P</b>	<b>L</b>	<b>M/E</b>	<b>S</b>	
Methods of Engineering Analysis	BMEEOVVMsFIN01-00	3	1	1		M	1	
Numerical Methods	BMEEOAFMsFAL01-00	4			3	M	1	
Ecological Engineering	BMEEOVKMsFIN01-00	6	2	1		E	1	
Infrastructure Works	BMEEOHSMsFIN01-00	5	2	1		E	1	
Hydroinformatics	BMEEOVVMsFIN02-00	6	1	2		E	1	
Design and Operation of Public Works	BMEEOVKMsFIN02-00	4	1	2		E	2	
Design and operation of drinking water and wastewater treatment	BMEEOVKMsFIN03-00	4	1	1		E	2	
Water quality monitoring and modelling	BMEEOVKMsFIN04-00	4	1	1		M	2	
Design of hydraulic structures	BMEEOVVMsFIN03-00	5	1	2		M	2	
Hydromorphology	BMEEOVVMsFIN04-00	4	1	1	24f	E	2	
Hydrologic modelling	BMEEOVVMsFIN05-00	3	1	1		E	2	
<b>Compulsory elective</b>								
Water quality management case studies	BMEEOVKMsFIN06-00	3	1	1		M	2	
Drinking water and wastewater treatment case studies	BMEEOVKMsFIN07-00	3	1	1		M	2	
Groundwater	BMEEOVVMsFIN07-00	3	1	1		M	2	
Hydrometeorology and Climatology	BMEEOVVMsFIN08-00	3	1	1		M	2	
Hydraulic measurements	BMEEOVVMsFIN09-00	3			2	M	2	
Integrated water management	BMEEOVVMsFIN10-00	3	2			M	2	

**MSc Specialization in Land Surveying and Geoinformatics from 2025**

<b>Basic subjects</b>							
<b>Name</b>	<b>Code</b>	<b>Cr</b>	<b>T</b>	<b>P</b>	<b>L</b>	<b>M/E</b>	<b>S</b>
Numerical Methods	BMEEOAFMsFAL01-00	4			3	M	1
Adjustment calculations MSc	BMEEOAFMsFGG01-00	4	1	2		E	1
Geodetic surveys MSc	BMEEOAFMsFGG02-00	4	2	1		E	1
Digital Earth	BMEEOFTMsFGG01-00	5	2		1	M	1
Project lab 1	BMEEOAFMsFGG03-00	6		2		M	1
Theory and application of GNSS	BMEEOAFMsFGG04-00	5	1		2	E	2
Automated Survey Systems	BMEEOAFMsFGG05-00	6	1		2	E	2
Mapping technologies	BMEEOFTMsFGG02-00	5	1		2	M	2
IT Technologies	BMEEOFTMsFGG03-00	5	1		2	M	2
Intelligent transportation systems	BMEEOFTMsFGG04-00	5	1		2	M	2
Project lab 2	BMEEOFTMsFGG05-00	4		1		M	2

MSc Specialization in Structural Engineering					
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-	<b>Engineering Risk Assessment</b> BMEEOHSMsFST05-00 +00	Numerical Methods BMEEOAFMsFAL01-00 01	<b>Digital Twins of Structures</b> BMEEOHSMsFST14-00 00		
-10:00	Engineering Risk Assessment BMEEOHSMsFST05-00 #01				
10:15-	<b>FEM for Civil Engineers</b> BMEEOTMMsFST01-00 +01	<b>Structural Design</b> BMEEOHSMsFST07-00 00	FEM for Civil Engineers BMEEOTMMsFST01-00 00		
-12:00	Numerical Methods BMEEOAFMsFAL01-00 #EN1				
12:15-	Structures Project work BMEEOHSMsFST06-00 01	Dynamics of Structures BMEEOTMMsFST02-00 +01	<b>Applied Fracture Mechanics</b> BMEEOHSMsFST15-00 00	<b>Strengthening of Structures</b> BMEEOHSMsFST17-00 00	
-14:00		Structural Design BMEEOHSMsFST07-00 #01			
14:15-	<b>Geodynamics</b> BMEEOGMMsFST08-00 00	Dynamics of Structures BMEEOTMMsFST02-00 00	<b>Prestressing Technologies</b> BMEEOHSMsFST16-00 00		
-16:00					
16:15-	<b>Design of Highrise Buildings, Skyscrapers and Complex Structures</b> BMEEOHSMsFST18-00 00		<b>Nonlinear Mechanics</b> BMEEOTMMsFST03-00 00		

MSc Specialization in Geotechnics					
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-	<b>Engineering Structures for Geotechnical Engineers</b> BMEEOHSMsFST20-00 00	Numerical Methods BMEEOAFMsFAL01-00 01	Geotechnical Design BMEEOGMMsFST06-00 +01	<b>Engineering Geology of Hungary</b> BMEEOGMMsFST11-00 00	
-10:00			Environmental Geology BMEEOGMMsFST07-00 #01		
10:15-	<b>FEM for Civil Engineers</b> BMEEOTMMsFST01-00 +01	<b>Geotechnical Design</b> BMEEOGMMsFST06-00 00	FEM for Civil Engineers BMEEOTMMsFST01-00 00		
-12:00	Numerical Methods BMEEOAFMsFAL01-00 #EN1				
12:15-	<b>Environmental Geology</b> BMEEOGMMsFST07-00 00	Geotechnics and Engineering Geology Project work BMEEOGMMsFST05-00 01	<b>Hydrogeology</b> BMEEOGMMsFST10-00 00		
-14:00					
14:15-	<b>Geodynamics</b> BMEEOGMMsFST08-00 00	<b>Earthworks of Infrastructures</b> BMEEOGMMsFST13-00 00	<b>Tunelling</b> BMEEOGMMsFST12-00 00		
-16:00					
16:15-					

MSc Specialization in Highway and Railway Engineering					
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-		<b>Economics of Civil Engineering projects</b> BMEEOUVMSFIN11-00 EN0			
-10:00					
10:15-		<b>Road Safety</b> BMEEOUVMSFIN06-00 EN0	<b>Transport Modelling</b> BMEEOUVMSFIN12-00 EN0	<b>Design of Railway Stations</b> BMEEOUVMSFIN01-00 EN0	
-12:00					
12:15-		<b>Transport Strategic Planning</b> BMEEOUVMSFIN02-00 EN0	<b>Traffic engineering</b> BMEEOUVMSFIN05-00 EN0	<b>Railway Track Structures and Diagnostics</b> BMEEOUVMSFIN04-00 EN0	
-14:00					
14:15-		<b>Transport Strategic Planning</b> BMEEOUVMSFIN02-00 EN1	<b>Road Safety</b> BMEEOUVMSFIN06-00 #EN1		
-16:00		<b>Highway Construction and Pavement Structures</b> BMEEOUVMSFIN03-00 EN0			
16:15-					

MSc Specialization in Water and Hydro-Environmental Engineering					
	Hétfő	Kedd	Szerda	Csütörtök	Péntek
8:15-	<b>Design and Operation of Public Works</b> BMEEOVKMSFIN02-00 +EN0	Design and Operation of Public Works BMEEOVKMSFIN02-00 EN1	Design of hydraulic structures BMEEOVVMSFIN03-00 EN1		
-10:00				<b>Design of hydraulic structures</b> BMEEOVKMSFIN03-00 #EN0	
10:15-	<b>Design and operation of drinking water and wastewater treatment technologies</b> BMEEOVKMSFIN03-00 +EN0	<b>Water quality monitoring and modelling</b> BMEEOVKMSFIN04-00 +EN0	<b>Hydromorphology</b> BMEEOVVMSFIN04-00 +EN0		
-12:00				Design and operation of drinking water and wastewater treatment technologies BMEEOVKMSFIN03-00 #EN1	Hydromorphology BMEEOVVMSFIN04-00 #EN1
12:15-	<b>Hydrologic modelling</b> BMEEOVVMSFIN05-00 +EN0	<b>Groundwater</b> BMEEOVVMSFIN07-00 +EN0	<b>Integrated water management</b> BMEEOVVMSFIN10-00 EN0		
-14:00				Hydrologic modelling BMEEOVVMSFIN05-00 #EN1	Groundwater BMEEOVVMSFIN07-00 #EN1
14:15-		<b>Water quality management case studies</b> BMEEOVKMSFIN06-00 +EN0			
-16:00			Water quality management case studies BMEEOVKMSFIN06-00 +EN1		
16:15-					

MSc Specialization in Land Surveying and Geoinformatics					
	Monday	Tuesday	Wednesday	Thursday	Friday
8:15-	IT Technologies BMEEOFTMSFGG03-00 EN1	<b>Intelligent Transportation Systems</b> BMEEOFTMSFGG04-00 +EN0	Theory and application of GNSS BMEEOAFMSFGG04-00 EN1		
-10:00					
10:15-	<b>Mapping technologies</b> BMEEOFTMSFGG02-00 +EN0	Intelligent Transportation Systems BMEEOFTMSFGG04-00 EN1	<b>Automated Survey Systems</b> BMEEOAFMSFGG05-00 +EN0		
-12:00	IT Technologies BMEEOFTMSFGG03-00 #EN0			<b>Theory and application of GNSS</b> BMEEOAFMSFGG04-00 #EN0	
12:15-	Mapping technologies BMEEOFTMSFGG02-00 EN1		Automated Survey Systems BMEEOAFMSFGG05-00 EN1		
-14:00					
14:15-	<b>Project lab 2</b> BMEEOFTMSFGG05-00 +EN1				
-16:00					
16:15-					