Orientation meeting 2024 spring

- Dr. Nauzika Kovács
  - Vice dean for education
- Dr. Olivér Fenyvesi
  - Course director
- Ms. Nóra Gáspár
  - CAO admin for civil engineering students
  - program coordinator



### Course director since 2018 fall

Dr. Olivér Fenyvesi

fenyvesi.oliver@emk.bme.hu

Room K.I.85/9.

- Contact course director wrt all educational matters except:
  - The ones related to a particular subject (grading, retake options etc.)
  - The ones regulated in the Code of Studies
  - The ones regulated by the Faculty Study Committee (see homepage)
  - The ones related to your scholarship administration



## Vice-dean since 2022

Dr. Nauzika Kovács

kovacs.nauzika@emk.bme.hu

Room K.mf.85/21.

- Contact the Vice-dean:
  - Specific educational issues; wrt educational progress, curricula, requests if the Course Director can not help you!



## BME Faculty of Civil Engineering

- Pre-engineering 1 year
- BSc 4 years
- Pre-MSc 0.5-1 year
- MSc 1.5 year
- Stipendium Hungaricum students
- SCYP students
- Regular students
- Erasmus students
- Other exchange students

#### Pre-Engineering 2nd semester

#### 2. semester Q3

	Mon	Tue	Wed	Thu	Fri
8-10	English	Study room (optional)	English	Study room (optional)	English
10-12	Physics/Chemistry	Physics/Chemistry	Mathematics	Engineering courses	Mathematics
12-14	Mathematics	Mathematics	Physics/Chemistry	Mathematics	Engineering courses
14-16	Engineering courses		Study room (mandatory)	Study room (mandatory)	Study room (optional)

#### 2. semester Q4

	Mon	Tue	Wed	Thu	Fri
8-10		Study room (optional)	English	Study room (optional)	English
10-12	Physics/Chemistry	Physics/Chemistry	Mathematics	Engineering courses	Mathematics
12-14	Mathematics	Mathematics	Mathematics	Mathematics	Engineering courses
14-16	Engineering courses		Study room (mandatory)	Study room (mandatory)	Study room (optional)

## BSc in Civil Engineering

2 specializati choice by en 3rd semest	d of	Structural engineering https://epito.bme.hu/sites/default/files/page/BSc%20mintatanterv%2 020231221%20Eng%20structural.pdf Infrastructure engineering do not start in 2024! https://epito.bme.hu/sites/default/files/page/BSc%20infrastru cture%20engineering%20curriculum%20final_2.pdf
Technical internship	<u>https</u>	<u>s://epito.bme.hu/node/17395</u>
Diploma project		paratory Course for BSc Thesis Project (9 credits) helor Thesis Project (15 credits)

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Bindford Concrete Structures       BMEEDUVATA3       3       3       3       4       4       5       5       6       7       7       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       8       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7	Earthworks					1	1												EOGMAT42		
Bods         BMEDUVAT2         2         2         0         M         4         0         ×         ×         0         E         0         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V        V <th< td=""><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td>L</td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>						1	1	L					_		_						
Hydraulic Engineering, Water Mang,         BMEEDVOIA13         3         2         1         0         E         6         1         0         VMT11         DOV/M12           Summachato SMB for Coll Engineering         BMEET00201         2         2         1         0         M         4         0         X         1         0         VMT11         DOV/M12           Buriness Law         BMEET00A001         4         4         1         0         M         4         0         X         1         0         DOM/M143           Management         BMEET01A0001         4         4         1         0         M         7         1         0         X         1         DOM/M143           Turch SMigCE         BMEEDVAM43         3         2         1         0         M         7         1         0         X         1         DOM/M143           Turch SMigCE         BMEEDVAM43         3         2         1         0         M         7         1         0         X         1         DOM/M143           Turch SMigCE         BMEEDVAM44         3         2         1         0         M         4         1         0         X<	Reinforced Concrete Structures					L	1	L					1							EOEMAT43~	EOHSA
Communication Sills for C-bit Eggineers         IMMETID2313         2         2         2         1         M         4         5         5         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th1< th="">         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         <th1< th="">         1         1         1</th1<></th1<>							1	ļ					l			L					ļ
Busines Law         BMEDDMATA         2         2         2         4         4         5         5         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7				2		L	_												EOVVAT41	EOVVAT42	
Soundisci Digineering         Instruction Numerican Digineering         Instruction Numerican Distribution Science Distribution Science Distribution Science Distribution Numerican Distribution Science Distribution Numerican Distribution Science Distribution Numerican Distribution Distribution Numerican Distribution Distrubution Distrubution Distribution Distribution Distrubution Distr				L			1	ļ					I						-		ļ
Management and Buttens Economics       BMEGT 20A00.       4       4       4       6       6       6       6       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7							1	ļ					Į	х		L			-		ļ
Millor and Matchesonamics         BMEDTEXAND         4         4         0         E         6         0         X         X         0         Construction           Optional ubjects         BMEEDXAND         3         2         1         M         6         0         X         0         DEMAN44						ļ	+	Ļ			_		Ļ	ļ					EOGMAT43		
Construction Management         BMEEPKAT1         3         2         1         M         6         X         X         E         DEMAIN           Unita and Regional Development         BMEED/VAAC         3         2         1         M         7         2         0         0         X         2         DEMAIN         2         0         M         7         2         0         0         X         2         DEMAIN         2         0         0         N         7         0         0         X         0         DEMAIN         2         DEMAIN         0         N         7         0         0         N         7         0         0         N         7         0         0         N         7         0         0         N         0         N         N         0         N         N         0         N         N         0         N         N         0         0         0         0         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N         N								Ļ					ļ	ļ	X	L			-		ļ
Urban and Regional Development         BMEED/MAR3         3         2         M         M         7         2         X         X         Development           Branck Subjects         BMEED/MAR4         3         1         1         X         V         X         V         V         X         V         V         X         V         V         X         V         V         X         V         V         X         V         V         X         V         V         X         V         V         X         V         V         V         X         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V								Ļ					ļ	L					-		
Optional subjects         Image: A d / A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         B         DOTATAL         A         A         B         DOTATAL         A         A         B         DOTATAL         A         A         B         DOTATAL         A         B         DOTATAL         A         A         B         DOTATAL         A         A         DOTATAL         A         A         A         A         A         A						ļ	-	-					<u> </u>	L	L	х			EOEMAT44	EOGMAT42	
DameLS - Subjects         Description         Second		BMEEOUVAT43			+-	Į	-	-					<u> </u>	ļ					-		
Building Construction I.         BMEDDMASA2         3         1         2         I         I         I         V         I         I         V         I         I         V         I         I         V         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I        <		1	4	4	1	1	1	1	м	/			1	1	1		х				1
Inter Structures         BMEDOMS44         3         2         N         4         N         N         1         D07/M122         C07/M143           Strength of Materials         BMEDOMS43         3         2         N         E         4         N         N         N         D07/M143         C           Construction Materials IL         BMEDOMS43         3         1         2         E         6         N         N         I         D07/M143         D           Stel and Composite Structures         BMEDOMS437         4         3         1         2         E         5         I         N         N         I         D07/M143		BMFFOFMAS42	3	11	12	8	1	1	E	4			1	v	_		-		FORMATAA		
Strongth of Materials         BMEDDMAS4         3         2         E         4         X         X         I         D         Control           Dubling Construction II.         BMEDDMAS43         3         1         2         E         5         X         X         DDMAT43           Bubling Construction II.         BMEDDMAS43         3         1         2         E         5         X         X         DDMAT43           BC and Macrony Structures         BMEDDMAS42         4         3         1         Z         E         5         X         X         DDMAT43         DDMAT43           BC and Macrony Structures         BMEDDMAS42         4         2         I         M         5         X         I         DDMAT43         DDMAT44						+-	+	+					-							FOHSAT41	
Construction Materials II.         BMEDDMA44         3         1         2         E         5         1         2         0         Mark           Sted and Composite Structures         BMEDDMA44         3         1         2         E         5         1         2         DOMA42           Sted and Composite Structures         BMEDDMA474         4         3         1         2         1         4         5         1         2         1         DOMA442           Eard Masony Structures         BMEDDMA443         3         2         1         4         5         1         2         1         COMA44           Landtoxery Protector         BMEDDMA543         3         2         1         4         4         5         1         2         2         1         4         4         5         1         2         2         1         4         4         5         1         2         2         1         2         4         4         3         2         1         4         5         2         2         4         4         3         2         1         4         5         2         4         5         2         4         <						+	+	<u>†</u>												CONSERVE	
Building Construction II.         BMEDDIAS43         3         1         2         E         5         I         X         I         DOTMAS2           Beal and Composite Structures         BMEDIAS42         4         3         1         I         M         5         I         X         I         DOTAS422           BE and Monony Structures         BMEDIAS42         4         2         I         M         5         I         X         I         DOTAS422         DOTAS433           BE and Monony Structures         BMEDIAS42         4         2         I         M         5         I         X         I         DOTAS42         DOTAS433         DOTAS43         DOTAS44         DOTAS44         DOTAS43         DOTAS44         DO						17	+-	+					<u>-</u>	F^	×	-					
Steel and Composite Structures         BMEED/MAG2         4         2         1         M         5         1         V         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0						÷	+	<u>†</u>					<u>}</u>								
Bit ED MASS         4         2         1         M         5         2         X         1         D014M342           Laboratory structures         BMEDINAS42         3         2         4         4         5         5         5         X         1         D014M343         DD14M343         DD14M342         D014M342         D014M342 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>+</td><td>+</td><td>+</td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td>FOHSAT43</td><td></td></td<>						+	+	+					-	-		-				FOHSAT43	
BMEED/AM34       3       2        E       6         E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>1-</td> <td>+</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>						1-	+	-					-	-		-					
Laboratory Practice of Testing 35 Surcture and BMEEDINAGE 2         2         4         M         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         6         6         7         6         6         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7						t	1	1					1		x		-				
Structural Roders         BMEEDIMAS2         4         3         1         M         6         I         I         E         E         I         E         E         E         E         E         E         E         E         E         I         I         E         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I </td <td></td> <td></td> <td></td> <td>ŕ</td> <td>+</td> <td>4</td> <td>1</td> <td><u>†</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>h</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>h</td>				ŕ	+	4	1	<u>†</u>						h		1					h
Bitter DMASA         Bitter DMASA<				3	11	1	1	t-					1-	<b></b>							h
B Constructional Modelling of Structures     BMEEDINANUS     3     2     M     6     X     E     DEPARTATE						t	T	1					-	-		х	-	_			
B Constructional Modelling of Structures     BMEEDINANUS     3     2     M     6     X     E     DEPARTATE	Underground Structures, Deep Found.	BMEEOGMAS42	3	2	1	1	1	1-	м	6			<u> </u>	-		x		_	EOGMAT45		
Design of Structures Projectaowick         BMEEDUNASE         6         I         Z         M         7         I         DESIGN of Structures         DESIG				1		1-	Ť.	1					1	· · ·						EOHSAT43	l
BMEED/ARAS         3         2         M         7         S         X         EDMARAS           Public Administration and Land Registry         BMEED/ARAS         3         2         M         7         K         K         EDMARAS           Primains of Structures         BMEED/ARASS         3         2         K         M         7         K         EDMARAS         EDMARAS           Structures         BMEED/ARASS         3         2         K         M         7         K         EDMARAS         EDMARAS           Structures         BMEED/ARASS         3         2         V         S         V         K         EDMARAS         EDMARAS           Structures         BMEED/ARASS         5         3         1         K         E         6         K         K         EDMARAS           Structures         BMEED/ARASS         2         1         1         K         E         6         K         K         EDMARAS           Structures         BMEED/SAASS         3         1         K         E         7         K         K         EDMARAS           Structures         BMEED/SAASS         3         2         K         F		BMEEODHAS41	6	t	T	1	2	1		6			1	-		x			EOHSAS47	EOHSAS42	EOGM
BMEED/MA43.         3         2         M         M         7         A         X         EDMASAT         TONSAT           Specialization in Structured Engineering         BMEED/MA43.         0         0         5         7         1         X         EDMASAT		BMEEOUVAT44	3	2	T	T	T	1	м	7			1		_		х				
BMEED/MA43.         3         2         M         M         7         A         X         EDMASAT         TONSAT           Specialization in Structured Engineering         BMEED/MA43.         0         0         5         7         1         X         EDMASAT	Field Course of Structural Geodesy	BMEEOAFAS42	1	T	T	2	1	T	м	7			<u> </u>	r		_			EOAFAT43	EOEMAT44	
BMIED/ISA-R1         S         I         E         6         X         DH45X47           Bendrocol Concrete Buildings         BMIED/ISA-R1         S         3         1         E         6         X         DH45X47           Bendrocol Concrete Buildings         BMIED/ISA-R2         S         3         1         E         6         X         DH45X47           Bendrocol Concrete Buildings         BMIED/ISA-R2         S         3         1         E         6         X         DH45X47           Brightendrig         BMIED/ISA-R2         2         1         E         7         X         DDHA5X47           Brightendrig         BMIED/ISA-R2         2         1         E         7         X         DDHA5X43         DDHA543           Brightendrig         BMIED/ISA-R2         2         M         7         X         DDHA543	Dynamics of Structures	BMEEOTMAS43		2	1	L	1	İ.,					Γ.,						EOTMAT43	TE90AX02	
BMEEDINGAPL         S         3         1         E         6         X         1         DOMSK42         CONSK42           Bendroad Concrete Buildings         BMEEDINSAPL         2         3         1         E         6         X         1         DOMSK42         CONSK42           Building Construction Methodology         BMEEDINSAPL         2         1         I         E         6         X         I         DOMSK42         CONSK42           Building Construction Methodology         BMEEDINSAPP         6         I         Z         I         I         E         7         I         X         I         DOMSK42         ICONSK42         ICO	Technical Internship	BMEEODHAS42	0	Ľ	T	T	T	20	s			_	Г	<u> </u>			х		EOHSAS47	EOHSAS42	
Beneforced Concrete Buildings         BMEEDIXS-A2         5         3         1         E         6         X         E         ED04A32         CD15A42           Building Construction Mehodology         BMEEDIXA-A2         2         1         1         E         7         X         E         ED04A33         CD15A42         CD15A44           Engineering Works         BMEEDIXA-A2         3         2         I         E         7         X         E         ED04A33         CD15A433         CD15A433         CD15A433         CD15A433         CD15A433         CD15A433         CD15A433         CD15A433         CD15A433         CD15A434         CD15A4444         CD14A444444444			_			_	_		_	_	_	_		_	_	_	_	_			
Beneforced Concrete Buildings         BMEEDIXSA-2         5         3         1         E         6         X         E         CEDHASA2         CENASA2           Building Construction Methodingy         BMEEDIXA-A2         3         1         E         6         X         E         CEDHASA3           Ingineering Voris         BMEEDIXA-A2         3         2         I         E         7         I         X         E         CEDHASA3           Ingineering Voris         BMEEDIXA-R3         3         2         I         E         7         I         X         E         CEDHASA3           Ingineering Voris         BMEEDIXA-R7         9         I         M         B         I         X         E         EDIAAA3         CEDHAAA3         CEDHAAA3         CEDHASA3         CEDHASA3         CEDHASA3         CEDHASA4         CEDHAAA3         CEDHASA4         CEDHASA44         CEDHASA4         CEDHASA	Steel Buildings		5	3	1			L	E	6			ļ								
Ingenering Works         BMEEDINS-PB 3         3         2         I         E         7         I         X         D0HARM3         D0HSAB 3         D0HSAB	Reinforced Concrete Buildings		5			L	1	Ļ	Е					L	L	х				EOHSAS44	ļ
Structural Design Projectivolr.         BMEEDINSA-PP         6         2         M         8         X         TOTAL         DDNA-A1         EDNSA           Barhelov Tresis Project         BMEEDINA-PS         15         0         M         8         0         X         EDMSAAP         EDNSA           Barhelov Tresis Project         BMEEDINA-PS         15         0         M         8         0         X         EDMSAAP         EDNSA           Deal number of credits         240         -         513         23         27         32         25         25         210         -         V         X         EDMA-PT         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -						L	1	1					1	_	L						L
Improvide of State Bruget.         BMEED0HAPF         9         M         8         A         X         EMAPP           Total number of credits         240         22         38         32         71         32         32         25         24           Total number of credits         240         21         33         27         32         32         22         32         24         20         20         20         23         24         20         20         20         20         23         23         22         24         20         20         20         23         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24         24				2	1	1	1	Ļ					ļ	L	ļ	لسا			EOHSAT43		
Bachelo Thesis Project         BMEEDOHA-PS         IS         M         8         I         X         EDDHA-PTI           Total number of credits         240         23         263         27         23         27         23         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27				Ļ		1	2	ļ			L.		ļ	ļ		1	х		EODHAS41	EOHSA-A1	EOHSA
Total number of credits         22         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         24         4         4         3         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Preparatory Course for BSc Thesis Project			Į	4	4		Ļ			L.I		ļ	Ļ	ļ	L.	]				
Total number of classes         11         31         28         25         28         22         1         0           Number of classes         23         4         4         4         5         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28	Bachelor Thesis Project	BMEEODHA-PS	15	L	1	1	1	1	м	8			1	1			_	Х	EODHA-PT!		1
Total number of classes         11         31         28         25         28         22         1         0           Number of classes         23         4         4         4         5         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28         28	Total number of credits	240																24			
Number of exams         23         3         4         4         4         3         1         0           Recommendeded Optional Subjects         BMEED(HSA-82         4         2         1         E         6         X         EDHSA52         EDHSA542	Total number of classes	184		~~~~																	
Beinforced Concrete Bridge:         BMEGROUSA-82         4         1         E         A         DHSA62         EDHSA63         DDHSA63         DDHSA63 <t< td=""><td>Number of exams</td><td>23</td><td>· · · ·</td><td>~~~~</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td></t<>	Number of exams	23	· · · ·	~~~~														0			
Reinforced Concrete Bridges         BMEGROSHAB2         4         1         E         6         X         E0H5A62         E0H5A626         E0H			-													-					
Hungarian Language and Culture for SH Students 1         BMEGT6029H1         2         4         M         X         Image: Control of the second sec	Recommendeded Ontional Subjects		4	2	1	1	1		F	6			1	{		x			FOHSAS42	FOHSAS43	FOHSA
Hungarian Language and Culture for SH Students 2         BMEGT6029H2         2         4         E         X         -	Recommendeded Optional Subjects Reinforced Concrete Bridges	BMFFOHSA-B?														1					
	Reinforced Concrete Bridges		-	1		1	1	1	м		x		<u> </u>						-		
	Reinforced Concrete Bridges Hungarian Language and Culture for SH Students 1		2	-	4		-	-	M E		x	x	-						-		

	Code	Credit	Lecture	eminar	aboratory	Consultation	**	M/E/S	emester			3	4	5	6	-		Desiliaria		
Subject name Core subjects	Code	Ű	2	3	13	ŭ	8	ž	ŝ	1	2	3	4	5	6	7	8	Preliminar	y requireme	nt(s)
English for Civil Engineering 1	BMEGT602911	4	t	4		1	h	м	1	х	П							-		
Surveying 1	BMEEOAFAT41	3	1	2	Ű.	L		м	1	х								-		
Chemistry of Construction Materials	BMEEOEMAT41	2	2	+	+-	-		м	1	х		_	_	_	_	_		-	ļ	
Civil Engineering Representation and Drawing	BMEEOEMAT42 BMEEOFTAT41	4	2			<b></b>	}	м	1	x									}	
CAD for Civil Engineers Geology	BMEEOGMAT41	3	1	2	+	┉	-	E	1	X		~	~~	~~~	~~~	~~~	~~~		}	
Basis of Statics and Dynamics	BMEEOTMAT41	6	1	5	֠~~	†~~	f	E	1	x		~			~~~		~~	-	{	
Mathematics A1a - Calculus	BMETE90AX00	6	4	2		Г		Ε	1	х								-		
Physics for Civil Engineers	BMETE11AX13	2	2	4		ļ	Į	M M	1	x								-	Į	
English for Civil Engineering 2 Surveying 2	BMEGT602912	4	2	2				E	2		x	~~~					~~~	- FOAFAT41	EOFTAT41	
Surveying 2 Construction Materials 1	BMEEOEMAT43	5	2	· * · · ·		ł	}	E	2		x	-						EOEMAT41		
Civil Engineering Informatics	BMEEOFTAT42	5	2	2		<u>}</u>	<u>}</u>	м	2		х							-	<u>}</u>	
	BMEEOEMAT44	3	1	2	U.	L		м	2			х						EOEMAT42		
Introduction to Strength of Materials Hydraulics 1	BMEEOTMAT42	6	2	5	ų	į	į	м	2		x x					{		EOTMAT41	TE90AX00~	
Hydraulics 1 Mathematics AZa - Vector Functions	BMEEOVVAT42 BMETE90AX02	3 6	4	2		<u> </u>	<u>}</u>	E	2		÷.		~~~	~~~	~~~	~~~	~~~	- TE90AX00	ş	
Surveying Field Course	BMEEDAFAT43	3	1-	÷	i	┢┉	9	M	3		ĥ	x	~~~	~~~	~~~	~~~	~~~	EOAFAT42~	{	
Soil Mechanics	BMEEOGMAT42	4	2	2		t	m	м	3	t	x	_						EOGMAT41	EOTMAT42	
Geoinformatics	BMEEOFTAT43	3	2	1	1	r	$\square$	м	3	[	<u> </u>	x	-					-	(	
Basis of Design	BMEEOHSAT41	3	2		4-	Į	Į	м	3	ļ	ŀ	x				]		EOTMAT41	Į	
Structural Analysis 1 Poliumu Trackr	BMEEOTMAT43 BMEEOUVAT41	4	4	+	-	+		E F	3	h	h	x X						EOTMAT42	TE90AX00	
Railway Tracks Basics of Environmental Engineering	BMEEOVKAT41 BMEEOVKAT41	3	2	╈	-	<b>†</b>	h	M	3	h	h	x					~~~	-	}	
Public Works 1	BMEEOVKAT42	3	2	Ťī	t.	t	m	E	3	<u> </u>	m	x	-	_			~~	EOVVAT42	[	
Hydrology 1	BMEEOVVAT41	3	2	1		1		м	3	[		х						-		
Mathematics A3 for Civil Engineers	BMETE90AX07	4	2	2		ļ	ļ	E	3	ļ	ļ	x	]	]				TE90AX02	ļ	
Earthworks Steel Structures	BMEEOGMAT43 BMEEOHSAT42	3	2	+1	4-	+	-	E M	4	ļ			÷					EOGMAT42 EOTMAT42	EOEMAT43~	EOHSAT
Steel Structures Reinforced Concrete Structures	BMEEOHSA142 BMEEOHSAT43	3	3	+	+-	<u>}</u>	$\left  \right $	M	4			m	x x					EOTMAT42	EOEMAT43~	EOHSAT
Roads	BMEEOUVAT42	2	2	1	Ť	r	m	м	4	t	m	2	x			_		EOUVAT41		
Hydraulic Engineering, Water Manag.	BMEEOVVAT43	3		1	U.	Ľ		E	4				x					EOVVAT41	EOVVAT42	
Communication Skills for Civil Engineers	BMEGT602913	2	T	2	4	ſ		м	4	ļ		_	X	_				-	[]	
Business Law Foundation Engineering	BMEGT55A001 BMEEDGMAT45	2	2	0		ł	<u>}</u>	M	4	ļ	<u> </u>		x					- EOGMAT43	<u>k</u>	
Max server and factors do a	BMEGT20A001					<u>+</u>	<u>}</u>	M					~~~	÷	~~~	~~~	~~~	-	\$	
Micro- and Macroeconomics	BMEGT30A001	4	4	+	·+	ł	è	E	5 6					x	х				§	
Construction Management	BMEEPEKAT41	3	2	1	r†~~	t	(m	M	6			-	~	~	х	~	~~	EOEMAT44	EOGMAT42	
Urban and Regional Development	BMEEOUVAT43	3	2	1	4			м	7							х		-		
Elective subject	1	4	4	1	4	<u> </u>	$\square$	м	7					_	_	х	_			
Branch Subjects Infrastructure CAD Course	BMEEOUVAI45	1	+	1	2	-		м	4				х	_	-	-	-	EOUVAT41	EOFTAT41	
Water Chemistry and Hydrobiology	BMEEOVKAH3	3	2	÷	1	<u>†</u>	•	E	4	h		~	Ŷ		~~~		~~~	-		
Legal Aspects of Water and Environment	BMEEOVKAI45	2	2	t	1	1		м	4				x		_			-		
Hydraulics 2	BMEEOVVAI42	3	2	1		<u>.</u>		Ε	4				х			_		EOVVAT42		
Highway and Railway Structures	BMEEOUVAH1 BMEEOUVAH3	5	4	Ļ		ļ	ļ	E F	5			_		х				EOUVAT42	ļ	
Highway and Railway Design Public Works 2	BMEEOVKAH1 BMEEOVKAH1	5	2	2		}	}	F	5			\$		x x				EOUVA142 EOVKAT42	}	
Urban Environment	BMEEOVKAH2	3				1		M	5		-		-	x				EOVKAT41		
Water Quality Management	BMEEOVKAI44	3	2			f	f	м	5		~~~	-	-	х	~~~		~~~	EOVKAI43	[	
Hydrology 2	BMEEOVVAI41	3	2	1				м	5					х				EOVVAT41		
Transportation Networks	BMEEOUVAI42 BMEEOUVAI44	3	2	ļ	3	ļ	ļ	M M	6 6		Į				x			EOUVAT42 EOUVAI41	ļ	
Highway and Railway Laboratory Practice Water Resources Management	BMEEOUVAI44 BMEEOVVAI43	3	2	÷		ł		M E	6				~~~	~~~	x x	~~		EOUVAI41 EOVVAT43	}i	
Hydraulic Engineering Field Course	BMEEOVVAI44		t	÷	÷	•	6	M	6			m	~				~~~	EOVVAI41	EOVVAI421~	
Infrastructure Study Project	BMEEODHAI41	2 6	t	1		2	<u>}</u>	м	6						x x			EOVVAT43	EOUVAI43	EOVKAK
Public Administration and Land Registry	BMEEOUVAT44	3	2	L		I		м	7				_			х				
Earthworks and Drainage of Transportation Infrastructures	BMEEOG MAI41	3	3	÷		į	į	E	7							x		EOGMAT43	<u> </u>	
Technical Internship Proposed Optional Branch Subjects	BMEEODHAI42	0	1	+	+	+	20	s	7	_	-	4	-	-	-	х	-	EOVVAT43	EOUVAI43	EOVKAK
Building Construction I.	BMEEOEMAS42	3	1	2		1		E	4				x				-	EOEMAT44		-
Timber Structures	BMEEOHSAS44	3	2	t	1	t	t	м	4	L.	t		x		_			EOTMAT42	EOEMAT43	L
Construction Materials IL	BMEEOEMAS41	3	1	1	2	[	C	E	5	<u> </u>				x x				EOEMAT43	[]	[
Bridges and Infrastructures Rock Mechanics	BMEEOH SAS43	3 3	2	1		ļ	ļ	Ε	5	ļ	ļ	]		х		]		EOHSAT42 EOGMAT41	EOHSAT43	
Rock Mechanics Underground Structures, Deep Found.	BMEEOGMAS41 BMEEOGMAS42	13 m	1				<u>}</u>	M M	6	h					X X			EOGMAT41 EOGMAT45	ţ	
Underground Structures, Deep Found. Specialization in Infrastructure Engineering	SIMILEUG MAS42	13	14	11	4	1	-	n/l	0	-	Н	-	_	-	~	-	-	LJOIMA145		-
Road Design	BMEEOUVA-E1	3	İ	2	d I	t		E	7		П					x		EOUVAI43		
Water Damage Prevention and Water Use	BMEEOVVA-F1	5	4	T	1	Γ		E	6	[					x			EOVVAT43	EOVVAI41	EOVVAIA
Drinking Water and Wastewater Treatment	BMEEOVKA-H1	4	3	Ţ	J.	Į		E	6	ļ	m	L.			x			EOVKAI41	Į	
Railway Design	BMEEOUVA-E2 BMEEOVVA-F2	3	2	2	ц.,	ļ		E	7 7	h	<u>}</u>	h				X X		EOUVAI43 EOVVAI43	EOVKAI44	
River Basin Management Environmental Impact Assessment	BMEEOVVA-F2 BMEEOVKA-H3	3		÷		ş	<u>}</u>	E E	7	h		m				x		EOVVAI43 EOVKAI42	EOVKAI44 EOVKAI44	EOVKAN
Transport Infrastructure Design Project	BMEEOUVA-QP	6	1	t	+-	2	t	M	7							x		EODHAI41	EOUVAI42	EOUVA-
Hydraulic Engineering Design Project	BMEEOVVA-OP	6	Ľ	r	1	2		м	7	[	0	m				х	_	EODHAI41	EOVVA-F1	EOVVA-F
Urban Water Infrastructure Design Project	BMEEOVKA-QP BMEEODHA-QD	6	Į	Ĵ.,	.Ľ	2		м	7			L.J	]			x	]	EODHAI41	EOVKA-H1	EOVKA-H
Diploma Project		24	Ľ	1	1	Ľ		м	8	Ľ				_	_	_	^	*EOUVA-QP	*EOVVA-QP	*EOVKA
Total number of credits Total number of classes Number of exams	240 184 25									32 31 3	37 34 4	27	28 29 4	28	20	15	24 0 0			
Proposed Elective Subjects	BMEEDAFAS42		Ì	ļ		ļ	Ē		7	Ē	İ	_						EOAFAT43	COLIFATA?	FOUR CO
Field Course of Structural Geodesy Satellite Positioning	BMEEOAFAS42 BMEEOAFAG45	1	2	+	2	<u>.</u>		M E	7	h		m		x		×.		EOAFAT43 EOAFAT43	EOHSAT42	EOHSAT
Satellite Positioning The Digital Earth	BMEEOFTAG41	3	2	1	÷	t	H	M	5		Η	H	-	x	-	-		EOFTAT43		
Hungarian Language and Culture for SH Students 1	BMEGT6029H1	2	t	4	, in the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	ŕ		M	t.	x	m							-		
Hungarian Language and Culture for SH Students 2	BMEGT6029H2			4		( <sup>—</sup>	1	Ε	1	[ [	х			1				-	1	
		Ontio	nall	Rran	ich Su	bject:	s as li	ong a	as th	e pre	Emin	ary r	equi	reme	ants	of th	pro	spective special	lisation subjects a	re fulfille
Note: Credits of the starred(*) Branch Subjects can be substituted by the c Taking one project subject (UVA-QP or VVA-QP or VKA-QP) and its pre-req																				

#### BSc program - requirements

- Pre-requisites cannot be bypassed
  - Even not by request based on equity (Faculty chance)
- Accreditation only in registration period
- All obligatory (not starred) subject should be passed!
- Special rules for projectwork (6th and 7th semester) enrolment (valid also for infrastructural engineering students!)
  - https://epito.bme.hu/node/18152

#### Pre-MSc

#### • 1st semester

Foundation Engineering	BMEEOGMAT45	4
Steel and Composite Structures	BMEEOHSAS41	4
Reinforced concrete structures	BMEEOHSAT43	3
Engineering Works	BMEEOHSA-B3	3
Structural Analysis II.	BMEEOTMAS42	4
Bridges and Infrastructures	BMEEOHSAS43	3
Design of Structures Projectwork	BMEEODHAS41	6
Total number of credits		29

#### • 2nd semester

Rock Mechanics BMEEOGMAS41	3
Underground Structures, Deep Found. BMEEOGMAS42	3
3D Constructional Modelling of Structures BMEEOHSAS45	3
Steel Buildings BMEEOHSA-A1	5
Reinforced Concrete Buildings BMEEOHSA-A2	5
Reinforced Concrete Bridges BMEEOHSA-B2	4
Structural Design Projectwork BMEEOHSA-PP	6
Total number of credits	29

#### • To be transferred to MSc after 1 semester:

- All credits earned
- At least 3.5 GPA
- 3 and higher grades for all courses

#### • To be transferred to MSc after 2 semesters (or 1 extended semester):

• 2/3 of credits

## MSc Structural Eng.

- 3 specializations
  - Numerical modeling

Specialization in Numerical Modeling **Obligatory subjects** Structural Dynamics Stability of Structures **Nonlinear Mechanics Diploma Project Recommended elective subjects** Plasticity Nonlinear FEM Specialization in Structures Analysis of Rods and Frames **Obligatory** subjects **Discrete Element Method** Structures 2 Stability of Structures Seismic Design Structural Dynamics

**Diploma Project** 

Recommended elective subjects Applied Fracture Mechanics Prestressing Technologies

Strengthening of Structures

• Structures

Geotechnics and Geology

Specialization in Geotechnics and Geology Obligatory subjects Engineering Geology MSc Environmental Geology Geotechnical Design Earthworks of Infrastructures Diploma Project Recommended elective subjects Tunneling Hydrogeology Numerical Methods in Geotechnics Engineering Geology of Hungary

## MSc in **Infrastructural** Eng.

Specialization in Highway and Railway Engineering

• Specialization in Water and Hydro-Environmental Engineering

Transport strategic planning Railway Station Design infrastructure Management Systems Project Management in Transportation Elective Subjects 1st semester 7 Elective Subjects 2nd semester 10 Diploma Project BMEEODHMU-D 20 Transportation Modeling	BMEEOUVMU-1 BMEEOUVMU-2 BMEEOUVMU-3 BMEEOUVMU-4 BMEEOUVMU61		
Railway Operation Pavement Structures Railway Track Structures Intelligent Transportation Systems Transport economics CAD Software in Road and Rail Design	BMEEOUVMU62 BMEEOUVMU63 BMEEOUVMU64 BMEEOFTMF61 BMEEOUVMU65 BMEEOUVMU66	Water and wastewater treatment II. Water quality monitoring Modelling of Hydrosystems Hydromorphology Elective Subjects 1st semester 4 Elective Subjects 2nd semester 12	BMEEOVKMV-1 BMEEOVKMV-2 BMEEOVVMV-1 BMEEOVVMV-2
		Diploma Project Design of Water-Use Structures Design of Water Damage Prevention Structures Groundwater Hydrography and Hydroinformatics Water and wastewater treatment plants Water quality management Public water utility systems modelling	BMEEODHMV-D BMEEOVVMV61 BMEEOVVMV62 BMEEOVVMV63 BMEEOVVMV64 BMEEOVKMV61 BMEEOVKMV62 BMEEOVKMV63

Reconstruction of public water utility systems

**BMEEOVKMV64** 

## MSc in Land Surveying and Geoinformatics Engineering

<b>Obligatory Subjects</b>		
GNSS Theory and Applications	BMEEOAFMF-1	
Information Technologies	BMEEOFTMF-1	
Automated Surveying	BMEEOAFMF-2	
Applied Geoinformatics	BMEEOFTMF-2	
Mapping Technologies	BMEEOFTMF-3	
Elective Subjects	8	
Diploma ProjectBMEEODHMF-I	020	
<b>Recommended Elective Subjec</b>	ts	
Physical Geodesy and Gravimet	ry	BMEEOAFMF61
Geodetic Networks and Project	ions	BMEEOAFMF62
Intelligent Transportation Syste	ms	BMEEOFTMF61
ITS Geoinformatics		BMEEOFTMF62 2

## MSc in Construction Information Technology Engineering

							-			:
	English Name	Code	Credit	Lecture	Seminar	Laboratory	Consultatio	Day	m/E****	Semester"
Core	Subjects									_
	Numerical Methods	BMEEOAFMB51	4			2			Е	1
	Construction Information Technology Mathematics	BMETE90MX_63	3	2			[		Е	1
	Building Information Modelling	BMEEOFTMB51	3	2					М	1
	Decision Support Methods	BMEEPEKMB51	2	2					М	1
	Construction Information Technology Engineering Project	BMEEODHMB5P	6				2		М	1
	BIM Modelling and Design	BMEEOFTMB52	5	[		4	[		Е	2
	Civil Engineering Automation, Modelling	BMEEOHSMB51	5	1	2				Е	2
	Construction Information Technology Programming	BMEVIAUMB51	6	1	4				М	2
	Complex Construction IT project	BMEEODHMB5K	6				2		М	2
	Argumentation, Negotiation, Presentation	BMEGT41MB51	3	2					М	3
	Technology Assessment	BMEGT41MB52	2	2					М	3
***	Diploma Project	BMEEODHMB-D	20				1		М	3
Obli	gatory and recommended Elective Subjects									
	1 <sup>st</sup> Obligatory Elective Subject*		8	2	4				Е	1
	2 <sup>nd</sup> Obligatory Elective Subject*		4	1	2				М	1
	1 <sup>st</sup> Recommended Elective Subject*		4	2	1				м	2
	2 <sup>nd</sup> Recommended Elective Subject*		4	2	1				м	2
	Optional subjects	BMEEO	5	[		<b></b>		<b></b>	M	3

#### \*Students with a BSc degree in Civil Engineering or Architecture (Student Group I.)

Obligatory Elective Subjects (at least 12 credits to complet	e)							
Programming	BMEVIEEMB-1	8	2	4			 Е	1
Database Systems	BMEEOFTMB-1	4	1	2			Μ	1
Recommended Elective Subjects (at least 8 credits to comp	olete)							
Structural Dynamics	BMEEOTMMN-1	4	2	1			 Ν	2
Stability of Structures	BMEEOHSMT-2	4	2	1	[		Е	2
FEM for Engineers	BMEEOTMMB-2	4	1	2			Μ	2
Numerical Methods in Geotechnics	BMEEOGMMB61	4	1		1	[	М	2
Automated Survey Systems	BMEEOAFMB61	4	1	2			М	2
Electrical Systems in Buildings	BMEVIVEMB61	4	2				Е	2
HVAC Basics	BMEGEÉEM B61	4	2		[		 M	2

#### \*Students with a BSc degree in Mechanical Engineering/ Energy Engineering/ Mechatronics Engineering/ Electrical Engineering/ Computer Science (Student Group II.)

\*\*\*\*\*Midterm grade/ Exam

bligat	tory Elective Subjects (at least 12 credits to complete)									
В	uilding Constructions	BMEEOEMMB-1	8	2	4				М	1
F	inite Element Modelling	BMEEOTMMB-1	4	1	2	l			Ε	1
com	mended Elective Subjects (at least 8 credits to complete	e)								
С	Construction Management	BMEEPEKMB61	4	2	1				М	2
С	ivil Engineering Structures and Modelling	BMEEOHSMB61	4	2	1			1	М	2
С	Constructions of Buildings and Structures	BMEEOEMMB61	4	2	1	Γ			М	2
N	Aodelling of Hydrosystems	BMEEOVVMV-1	4	2	1				М	2
E	lectrical Systems in Buildings	BMEVIVEMB61	4	2		l			М	2
H	IVAC Basics	BMEGEÉEM B61	4	2		1	1	1	М	2
	nal Subjects Optional subject - internship (at company)	BMEEODHMV02	5					20	М	3
*	The committee of the MSc program divides the students	s into groups accordin	ig to	the	ir pi	revio	ous l	BSc st	tudi	es in
u	inify the output competences that are acquired with the	completion of the m	aste	r's p	rog	ram				
	**									
-	*Any subject from other MSc programs of the University	can be chosen.								
	**Taking the Diploma project subject is only possible if 1		shea	1 33	cred	dits	from	n the	mut	ual (
*	, , , , , , , , , , , , , , , , , , , ,	the student accompli								
* Si	**Taking the Diploma project subject is only possible if t	the student accompli								

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# MSc programmes on the Faculty of Civil Engineering

- MSc in **Structural Engineering** program:
- <u>https://epito.bme.hu/sites/default/files/page/MSc%20structural%20program%202020\_0.pdf</u>
- MSc in **Infrastructure Eng**ineering program:
- <u>https://epito.bme.hu/sites/default/files/page/MSc%20infrastructure%20program%202020\_0.pdf</u>
- MSc in Land Surveying and Geoinformatics program:
- <a href="https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020">https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020</a> <a href="https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020">https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020</a> <a href="https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020">https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020</a> <a href="https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020">https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020</a> <a href="https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020">https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020</a> <a href="https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020">https://epito.bme.hu/sites/default/files/page/MSc%20geoinformatics%20program%202020</a> </a>
- MSc in **Construction Information Technology Engineering** program:
- <u>https://epito.bme.hu/sites/default/files/page/%C3%89p%C3%ADtm%C3%A9ny-</u>

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### Semester schedule

- Holidays
- University events
- Retake days
- Repeat/make-up week
- Exam period

Edu week	even(#)/odd(+)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb
1	+	12-Feb	13-Feb	tion week 14-Feb	15-Feb		17-Feb	18-Feb
2	#	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb	24-Feb	25-Feb
3	+	26-Feb	27-Feb	28-Feb	29-Feb	1-Mar	2-Mar	3-Mar
4	#	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar	9-Mar	10-Mar
5	+	11-Mar	12-Mar	13-Mar	14-Mar	15-Mar	16-Mar	17-Mar
6	#	18-Mar	19-Mar	20-Mar	21-Mar	Day off 22-Mar	23-Mar	24-Mar
7	+	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar	30-Mar	31-Mar
8		1-Apr	2-Apr	3-Apr	4-Apr	g break 5-Apr	6-Apr	Easter 7-Apr
9	#	Easter 8-Apr	9-Apr	Spring be 10-Apr	eak 11-Apr	12-Apr	13-Apr	14-Apr
10	+	15-Apr	16-Apr	17-Apr	18-Apr	Vásárhelyi Days 19-Apr	20-Apr	21-Apr
11	#	22-Apr	23-Apr	24-Apr	25-Apr	26-Apr	27-Apr	28-Apr
12	+	29-Apr	30-Apr	1-May	2-May	3-May	4-May	5-May
13	#	6-May	7-May	Day off 8-May	9-May	10-May	11-May	12-May
14	+	13-May	14-May	15-May	16-May	17-May	18-May	19-May
15	#	20-May	21-May	22-May	23-May	24-May	25-May	26-May
		Day off 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
		Exam per. start 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
		State (Final) exan 24-Jun	nination period 25-Jun	starts 26-Jun	27-Jun	28-Jun	29-Jun	30-Jun
		1-Jul grad	2-Jul le registration until 14:00	3-Jul end	4-Jul State Exam per	Exam per. end 5-Jul	6-Jul	7-Jul

Study period

Exam period:

Holiday:

Repeat week

#### Communication – who should I contact?

Lecturer-professor	<ul> <li>Wrt course schedule, tests, retake/repeat, exam etc.</li> </ul>		
Course director (vice-dean)	<ul> <li>Any specific educational issues; wrt educational progress, curricula, requests</li> </ul>		
Dean's office	Only PhD students		
Central Academic Office	<ul> <li>Any administrative matters; Neptun issues, scholarship issues, scholarship extension, student legal status, etc.</li> </ul>		
SH mentors	<ul> <li>students' personal issues, accommodation/dormitory issues, health insurance, etc.</li> </ul>		
Tempus	<ul> <li>Scholarship issues, changing education programs etc.</li> </ul>		

#### Communication – etiquette

- First of all check the CAO/Faculty/Tempus/Hungary Helps homepages and newsletters!
- Email
  - Addressing
  - All required data (e.g. Neptun code is necessary every time)
  - Previous actions
  - Respectful communication
  - Short form!
- In person
  - Ask for appointment in advance
  - Contact lecturers in consultation hours
  - Respectful communication



## Contacting professors

- About points/grades: there's no "please, give me one more point"!
- Professors have nothing to do with students' personal issues, health condition, scholarship status, do not refer such matters/cases!
- Professors are not obliged to reply multiple emails/requests/Teams questions.
- Professors should by contacted in an appropriate manner politely, respectfully
- Professors will report inappropriate student communications to the Faculty
  - Faculty reports to BME and to Tempus
- Always check subject requirements first!
- Check Code of Studies/faculty webpage what is allowed and what isn't!

https://kth.bme.hu/en/for-students/rules-and-regulations/

#### General info

- Code of Studies and Exams (kth.bme.hu)
- Faculty of Civil Engineering curriculum (epito.bme.hu)
- Education portal edu.epito.bme.hu
  - Support from lecturer/professor
  - Infosite
- Request regarding tuition fees should be only submitted through Neptun!
  - <u>https://kth.bme.hu/en/for-students/about-neptun/neptun-requests/</u>
- About Neptun requests see this webpage of CAO:
  - <u>https://kth.bme.hu/en/for-students/about-neptun/</u>

# Academic honesty, sanctions against academic and exam offences

- Code of studies Title 32
- Checking identity at exams, tests
- Academic and exam offence
  - Using aids that are not allowed
  - Requesting/accepting any assistance from other students
  - Changing (or attempting to change) corrected/assessed tests/assignments
  - Acting in place of another person
- Failing the course (no credit)
- Professor Dean's office Disciplinary procedure
- Report to Tempus

# Academic honesty, sanctions against academic and exam offences

- Cases
  - Cheating during test (from material not allowed, help from other students)
  - Submitted test/home assignment is created by an other student
  - Cheating during oral exam
- Solutions
  - Short deadline, going back in the test sheet is prohibited, minus points for wrong answers
  - Checking IP-s during online tests
  - Plagiarism detection softwares
  - Changing course requirements focusing on evaluations that can be controlled better
  - Motivating continuous learning during semester
  - New, creative test methods

#### Repeat period – 27-31<sup>st</sup> of May

- Missed classes and some of the failed tests (should be discussed with lecturer) can be repeated.
- Part of tests can be repeated by paying extra fee. In this case the type of test (written/oral) might change!
- Homeworks and assignments can be submitted by paying the extra fee.
- Ask the lecturer about the repeat options!
- **Pre-exams** of some subjects can also be taken in the repeat period.

#### Exam period: 3<sup>rd</sup> June – 28<sup>th</sup> July

- All exams can be repeated once for free, but an exam can be repeated no more than 5 times (overall 6 exams/course). the law has been changed from the autumn semester of 2022!
  - A course cannot be taken/registered more than 6 times!!!
- An exam can be cancelled without consequences a day before, until noon.
- For SH and SCYP students: if min. 36 credit points in the last two active semesters (18 credits in each) is not achieved the student will be dismissed and lose the scholarship!
- For all students: min. 20 credit points in the last three active semesters is not achieved the student will be dismissed (and lose the scholarship)!
- For all students: after 2×education period No. of semesters (e.g. in BSc after 16 semesters) the student will be dismissed (and lose the scholarship) regardless the semesters were active or passive!

#### Subject enrolment I.

- Starts in January/August and closes at the end of the registration week (February/September). It's highly recommended to be registered in the very beginning! Courses with less than 6 students will be cancelled on the registration week Monday!
- Clash detection in the schedule is the students' responsibility. For 1st year students the Faculty register the subjects, in case of problem the Course Director can help.
- "#" in the schedule means every even; + means every odd weeks
- Having the signature of a subject, its exam course can be taken, no need to attend the classes and do the tests again.
- In case of *branch and specialization courses*, the signature might be sufficient to fulfil the pre-requirement.
- Courses cannot be changed from the 2<sup>nd</sup> week of the semester (in the case of examination and field courses from the 13<sup>rd</sup> week).

#### Subject enrolment II.

- In case only 3-4 semesters are remaining, it's recommended to create a subject enrolment plan and check whether all subjects can be passed based on the prerequisites and minimum requirements.
- Special rules for taking projectworks, and rules for taking thesis projects!
  - https://epito.bme.hu/node/18089
- Always check the updated timetable/schedule on the homepage!
- Optional subject: e.g. Reinforced concrete bridges (in the 6<sup>th</sup> semester) always check whether it runs, in advance!
- For optional course any BME course can be selected, but BSc students can select only BSc courses, MSc students only MSc courses
- Cross-semester courses
  - Faculty monitoring
  - Students' request
    - Request signed by min. 15 students (who would slip a semester) before the final registration period
    - Department is willing to and able to open the course
    - Faculty is able to provide room for the course

#### Tuition fee

- Tuition fee reduction is possible under 24 registered credits in a semester or above 3.5 GPA (submitting a Neptun request). Should be approved by BME, not guaranteed!
- If justified, late payment or split payment can be requested (in Neptun), please keep all the deadlines given in the Neptun!
- In case of passive semester, the transferred tuition fee can not be validated in the next semester, you will get back the tuition fee.
- Late passivation upon the Code of Studies Section 57. (6)!

### Practical training – technical internship

- Technical internship accomplished at the home country can be approved based on certification that states the student worked at least 6 weeks, and the company works in the field related to civil engineering construction.
- Positions at Hungarian companies can be applied, in this case BME issues document certifying the student status and the aim of the technical internship course.
  - epito.bme.hu education BSc Technical internship BMEEODHAS42 / BMEEODHAI42 for Infrastructural engineering students
- (Laboratories and departments of the Faculty can also be asked whether there are a project to join for at least 6 weeks in the summer.)
- Besides the certificate, a ~10 page report is to be submitted.

#### Accreditation, summer course etc.

- In the credit system credits from civil engineering programs from same or higher level e.g. from BSc to BSc can be accredited/approved.
- If the student failed a subject after passing it at home university, the subject can not be accredited!
- General rule: reasonable thematic overlap and at least the same number of credits are required.

## Diploma project

- Supervisor should be found and contacted in the previous semester.
- One external supervisor is required (ask the BME supervisor for support)!
- Co-supervisors can be involved from other departments or even from abroad.
- BSc from 2018 spring
  - Preparatory course for BSc thesis project
  - Bachelor thesis project
- For SH and SCYP students: submit the extension Neptun request (E009) in time (CAO info letter)! If you miss the deadline, your status will be changed to tuition fee paying student even if you have a passive semester! Try to not slip in your final semester as the extension is not guaranteed!

## Diploma project – registration requirements

#### • BSc thesis

- Min. 204 credits
- All core subjects (English and Hungarian languages are not counted here!)
- Min. 45 credits of branch subjects
- Min. 17 credits of specialisation subjects
- Should be taken together with Preparatory Course for Bachelor thesis project
- MSc thesis
  - Min. 54 credits
  - Min. 29 credits of core subjects (English and Hungarian languages are not counted here!)
  - Min. 8 credits of obligatory specialisation subjects

#### Recommendations

- Course registration
  - Do it in time!
  - Check clashing courses on Neptun!
  - Support only for civil engineering courses and courses from CE curricula!
- Failing tests/exams
  - Contact the lecturers, professors in time, ask for consultation!
- Rules/regulations
  - Attending classes
  - Late arrival
- Use the Faculty Educational portal edu.epito.bme.hu
  - Supporting materials
  - online tests
  - Submitting home assignments
- Cheating/plagiarism is not tolerated at all!
- Sports & language



### Education method in 2024 spring

- Face-to-face education
- Based on Neptun request there is an option to change to online education is serious case (health or accident, etc.)
  - on Pre-eng and BSc programs for max. 4 weeks
  - on Pre-MSc and MSc programs for max. 4 weeks
  - on PhD program for max. 4 weeks

#### Thank you for your kind attention!

Further information: <u>http://epito.bme.hu/?language=en</u>