Orientation meeting 2019 spring

Tamas Lovas

Vice dean for education

Erasmus departmental coordinator

New course director since 2018 fall

Dr. Oliver Fenyvesi

fenyvesi.oliver@epito.bme.hu

Room K.I.85/9.



BME Faculty of Civil Engineering

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

Pre-Engineering

- 1st semester
 - Basic Mathematics I.
 - Basic Informatics
 - Engineering Sciences
 - Technical Drawing
 - Compulsory English for Pre-Eng. Students I.
- 2nd semester
 - Basic Mathematics II.
 - Basic Mechanics
 - Basic Surveying
 - Basic Hydraulics
 - Fundamental of Structures
 - Compulsory English for Pre-Eng. Students II.

BSc

- 3 specializations
 - Structural engineering
 - Infrastructure engineering (only if minimum number of students apply)
 - Geoinformatics engineering (only if minimum number of students apply)
- Technical internship
- Diploma project
 - Preparatory Course for BSc Thesis Project (9 credits)
 - Bachelor Thesis Project (15 credits)

CIVIL ENGINEERING BSC FROM 2017 - SPE	- Include Inchi		-		_	1	-	- drift	-		-0	- 3	d for	nite.	n.					
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Subject Name	Code	8	6	1	3	5	*	10/10	1	1	2	3	4	5	6	7	8	Prelimi	nary Require	errent(s)
Core subjects									-											
English for Claff Engineering 1.	ROUTE THE REAL PROPERTY.	4		4				M	1	×								4.		
Surveying I.	SMEEDAFAT41	9	1	2				M	1	Х										
Cleanistry of Construction Malerials	SMEEGEWAT#1		3	-				M		×				-						
Civil Engineering Representation and Drawing	BMEEDEMAT43	_	2	1	-				1				Ш							-
CAD for Chill Engineers	BMEEOFTATAL	2	-	1		-				×			-					-		
Geology	BMEEDOMATA) BMEEOTMATA)	6	-	2 6	-	-	-	8		X		-	200	100		Н				0
Rack of Statics and Dynamics Mathematics A3a - Calculus	SMETERSAXOD	-	4	2	-				1			-	Н	-	-	Н	Н			
Physics for Civil Engineers	BMETELLAXIS	2	1	+				W	1	8			Н			Н	Н			-
English for Carl Englishment of 2	OMEGSERATE:	4	-	4				M	3	-	×		Н			Н	Н			-
Scromying II.	BMFEDA/AT42	_	1	1		-		E	2		×		Н			Н		FOAFAT41	EDFTATAL	
Construction Materials I.	BMEECEMATAS	1			3			-			X		П					EDEMATEL .		
Ovil Engineering Informatics	BMREOFTATAL:	3	1	2				M	2		30							POPTATAL		
Baliding Construction Study	BNIEECEMATA	3	1	2			-3	W	2		ж							CATAMBOR	6.	67
Introduction to Strength of Materials.	BMIDEOTMATAZ	.0		5				M	2		X.							ECTMATA1	TESCANDE-	
Hydraulisis I.	RMESOVVATA)	*	3	1				8	.2		×								3 7	8
Mathematics A2s - Vector Functions	BMETESGAXC2	£	4	.3			.)	£	2		K.							TESOANISO	45	0
Surveying Field Course	BMEECAFAT45						9	W	3.			X		100				ECAFATA31"		
Soli Mechanica	BMETOGMAT 42		2	1	-	-			3			Х						TOGMATAL	EDTMA742	
Sentiformatics	BMEEOFTATAS.		2	1	-			M				X						FCAFAT42		
Basis of Design	BMEEDHSATEL BMEEDTMATES	1	_	-	-	-		M	3			X		-		Н	Н	FOTMATAL FOTMATAL	*****	
Structural Analysis is Railway Tracks	RMEEDUWAT43	-	7	-	-	-	H	8.	3			X	Н	-	-		Н	FOAFATA1	CHARGE	02
Saltery Tracks Space of Environmental Engineering	BWEEDWATE:	_	2	-	-	-		4	3		-	X	Н					- Colonial		
Public Works L.	BMFEOVKATED BMFEOVKATED		3	1	-	-	H	8	3			×	Н			Н	Н	ECVNIKT43		
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Mathematics Ail for Civil Engineers	SMFTEHRAND		1	_				E				×	Н			Н	Н	TERONICO:		
Carthworks	SMITTOGMATAS		1	Ť	-	-		Ė	4			-	ж					TOGMAT47	-	-
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Reinforced Concrete Structures	BMEEDHSAT43		3					M					×			Н		ECTMAT42	DOEMATAD-	EDMSAT41
foatb	SMEEDUVAT42	1	2					M.	4				×			П		EGUVATAL		
Hydraulic Engineering, Water Manag.	BMSEOVVAT43	1	2	1				1	4				×			П		DOV/META1	ECVIVATAS	
Construction Management	BAVEEPEKATAL	3	2	1				M	4				×					FORMATAK	EDGMMT42	
Business (are	BMEGTESADEL	2	2					M	4				1	0.7					Committee as	83
feendation Engineering	BOMESCHOMAZ 45	4						8	5					×				EDIOMATA):	8	0
Management and Enterprise	SMEGTOSAGES.	4	4					M	5				0	K					1	7
Micro- and Macroeconomics	BMESTSSARIS	4	4	24				£	6						Х.			6		0
Communication Skills for Civil Engineers	SMEGTERAGED	3		2		\perp		M	6						Х					
Urban and Regional Development	BAREOUVIATAS	1	2		-			M	7							×		0		
Optional subjects		4	4		_			M	7							×	ш			
Brench Subjects	November 2011			-	_	_	-			_	-	_	-	_	_	_	_	DOMESTIC STATE		
Building Construction I.	BMEECHSAS44	3	1	2				W	4				×	-			Н	ECEMAT44	DDDMAT43	******
Timber Structures	BMEEDTOACH4	3	2	-		-		E	4			-	×	-	Н	Н	Н	SOTMATAS	DUDNIA)41	BURDATAL
Strength of Materials Construction Materials II.	BMEEDEMAGAL	3			1			Ė	5	Н			. 0.	×		Н		EOEMAT43		
Building Construction (I.	BMEECEMAS48	1	_	2	-			Ē	3					T				ECEMAIAZ	EDHIAT43	
Steel and Congoste Structures	BMEEDHSASAT	4	-	-				M	t					8					CONSATAS	Č
NC and Mesonry Structures	BMREOHSAS43	_	2	1				M	3					×				ECHSAD48	EDEMAS42	SOTMATAS
Bridges and Infrastructures	GMEECHSASAS	1	2					E	5					X.					EDWSATES	2000
Laboratory Practice of Teeling of Structures and Mater	BASECHSASAE.	2			+		- 5	M	5.					×				BOHSAT42	EDHSAT48	
Structural Analysis II.	BANEEOTMAS42	*	3	1	1			M	5					×				ECTMASA1	T6904007	9
tick Medianica	BMEEDIGMASA)	3	1	1				W	6						Х			ROGMAT41	EDGMAT42	1
Underground Structures, Deep Found.	BMEEOGMALA)	1	3	1				M	6						×			ECIGMATUS.		2
90 Constructional Modelling of Structures	BMEEDHSASAS	2		1				14	6					0	X			fichsat42	EDMSATAS	EDITATION
Design of Knuctures Projectwork	BMEECOHAGE)	8				2		M	6						X			ROHSAS47	E085A542	EDGMATE
Public Administration and Land Registry	SMEEGUNAT44	3	2					M	7							×		0755A001		
Freed Course of Streathural Geodesy	BMEEGAFA(4)	1		_	2			W	7							×		EDAFATA3	EOHSATAT	ECHSAT48
Dynamics of Structures	RMEEOTMAS48	1	2		-			M	7							×		ECTIMATES		
Terfinical Viterrulia	RMERODHAS42	0	_	_	_		20	1.5	7		_			_		X	ш	PCHSASA7	80RS4542	SOUMATE
Specialization in Structural Engineering	BMITCHSA AT	1	17	-	_										-			EOHSAS47		
Steel Buildings Reinforced Concrete Buildings	RMEEDHIA AL	5		1	-	-	H	8	6		-	-	Н		X		Н		FDHS8584	-
Building Construction Methodology	BMEDEMA-AL				-	-			7		-		Н			×		FORMASAS.	-constant	
Engineering Works	BMEEDHIA BR	3	1	+	-		H	6	7			-		-		×	Н	FCHIATEI	60HIA(46	EDGMASA:
Structural Design Projectiwork	BWEEDHSA FF	4	-			2		M	3							×			makes and recommend	ECHSA AZ
Preparatory Course for 85c Thesis Project	BMEEDEHA FT	9.						M					200				×	FORSA PP	-	
Bachelor Thesis Project	RMSECCHA-PS	15						M										FOOHA PTI	10	
Total rainteer of credits	340		-							82	16	88	38	93	81	35	34			-
Total number of classes	184		_	_	_	_	_	_				28								
Standor of energy	33											4								
Recommende ded Optional Subjects			=	=	=	_	=	=	=	=	=	_	=	-	_	_	-			
Reinforced Concrete Bridges	BMREOHIA 82	1	1	1				1										ROHSASA3	FOHSAS48	SOHSAS44
	THE REAL PROPERTY.				_	-		-			_	_		-	_			The state of the s		
	BMEGTESA363	4	4					101										1000000	a de marco a	

A prerequisite with "mark indicates that it is enough to hold a signature from the pre-required subject in order to register the subject.

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		Code	Credit	Lecture	Seminar	Laboratory	Conzultation	Day	M/E/S	Semester
Cc	ore Subjects		_			_	_	_	_	
	Advanced Mathematics	BMETE90MX33	3	2	1		_		E	1
	Physics Laboratory	BMETE11MX22	1			1			M	2
	Methods of Engineering Analysis	BMEEOHSMK51	3	1	1				М	1
	Numerical Methods	BMEEOFTMK51	4			3			М	1
_	Geodynamics	BMEEOGMMS51	3	2					М	2
_	FEM for Civil Engineers	BMEEOTMMS51	5	2	2		_		E	1
_	Soil-Structure Interaction	BMEEOGMMS52	5	3	1		_		M	1
_	Structures 1	BMEEOHSMS51	5	3	1		_	\vdash	E	1
_	Decision Supporting Methods Accounting, Controlling, Taxation	BMEEPEKMST4	2	2			_		M	3
_	A STATE OF THE STA	BMEGT35M014	2		\vdash	-	_			3
_	Corporate Finance	BMEGT35M411	_	2	-	-	_	_	M	3
-	Engineering Ethics	BMEGT41M004	5			-	_	_	IVI	3
Ċ.	Optional Subjects ecialization in Numerical Modeling		2	ш	ш		-		ш	
4	Obligatory Subjects									-
	Numerical modeling project	BMEEOTMMSSP	5		\vdash	-	2		м	2
	Structural Dynamics	BMEEOTMMN-1	4	2	1		- 2		M	2
÷	Stability of Structures	BMEEOHSMT-2	4	2	1		_	_	E	2
	Nonlinear Mechanics	BMEEOTMMN-2	4	2	1		_		E	1
-	Elective Subjects	DIVICEOTIMINATE.	11	-	_		_	_	-	-
-	Diploma Project	BMEEODHMN-D	20		-				М	3
+	Recommended Elective Subjects	Director in the	20	Н				_	-	
	Plasticity	BMEEOTMMN61	3	1	1				м	2
i	Nonlinear FEM	BMEEOTMMN62	3	2					M	2
	Analysis of Rods and Frames	BMEEOTMMN63	3	1	1				М	2
	Discrete Element Method	BMEEOTMMN64	3	1	1				M	2
St	ecialization in Structures		_			_	_	_		
Ť	Obligatory Subjects									
	Structures project	BMEEOHSMS5P	5	П			2		М	2
_	Structures 2	BMEEOHSMT-1	4	2	1				E	2
T	Stability of Structures	BMEEOHSMT-2	4	2	1				E	2
	Seismic Design	BMEEOHSMT-3	4	2	1				М	2
Ī	Structural Dynamics	BMEEOTMMN-1	4	2	1				M	2
	Elective Subjects		7							
ī	Diploma Project	BMEEODHMT-D	20						М	3
ī	Recommended Elective Subjects									
	Applied Fracture Mechanics	BMEEOHSMT61	4	2	1				M	2
Ī	Prestressing Technologies	BMEEOHSMT62	3	1	1				M	2
	Strengthening of Structures	BMEEOHSMT63	3	1	. 1				M	2
Sp	ecialization in Geotechnics and Geology									
	Obligatory Subjects									
	Geotechnics and engineering geology project	BMEEOGMMSSP	5				2		F	2
	Engineering Geology MSc	BMEEOGMMG-1	4	2	$\overline{}$				٧	2
	Environmental Geology	BMEEOGMMG-2	4	2	1				F	1
	Geotechnical Design	BMEEOGMMG-3	4	2	1				F	2
	Earthworks of Infrastructures	BMEEOGMMG-4	4	2	1				F	2
	Elective Subjects		7							
	Diploma Project	BMEEODHMG-D	20						F	3
	Recommended Elective Subjects									
	Tunneling	BMEEOGMMG61	3	2					F	2
	Hydrogeology	BMEEOGMMG62	3	2					F	2
	Numerical Methods of Geotechnics	BMEEOGMMG63	3	1		1			F	1
1	Engineering Geology of Hungary	BMEEOGMMG64	3	2					F	2

Pre-MSc

• 1st semester

Foundation Engineering	BMEEOGMAT45	4
Steel and Composite Structures	BMEEOHSAS41	4
Laboratory Practice of Testing of Str. & Mat.	BMEEOHSAS46	2
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

- 3 specializations
 - Numerical modeling

Structures

Geotechnics and Geology

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** Specialization in Geotechnics and Geology Strengthening of Structures **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**

Communication – who should I contact?

- Lecturer-professor
 - Wrt course schedule, tests, retake/repeat, exam etc.
- Vice-dean/course director
 - Any specific educational issues; wrt educational progress, curricula, requests
- Dean's office
 - Only PhD
- Central Academic Office
 - Any administrative matters; Neptun issues, scholarship issues, accomodation/dormitory, scholarship extension etc.

Communication – etiquette

Email

- Addressing
- All required data (e.g. Neptun code)
- Previous actions
- Respectful communication

In person

- Ask for appointment in advance
- Contact lecturers in consultation hours
- Respectful communication

General info

- Code of Studies and Exams (kth.bme.hu)
- Faculty of Civil Engineering curriculum (epito.bme.hu) (new BSc program)
- Education portal oktatas.epito.bme.hu
 - Support from lecturer/professor
 - Infosite
- Request regarding tuition fees should be only submitted through Neptun!

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 attemptime to change) corrected/assessed tests/assignments
 - Acting in place of another person
- Failing the course (no credit)
- Professor Dean's office Disciplinary procedure

Repeat period – May 20-24

- 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 until May 24 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: May 27 – Jun 24 (BSc: Jun 28)

- All exams can be repeated once, but an exam can be repeated no more than 5 times (overall 6 exams/course).
 - A course cannot be taken/registered more than 6 times
- An exam can be cancelled without consequences a day before, until noon.

Subject enrolment I.

- Starts in January/August, and closes at the end of the registration week (February/August). 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.
- 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 2nd week of the semester.

CIVIL ENGINEERING BSC FROM 2017 - SPE	- Include Inchi		-		_	1	-	- drift	-		-0	- 3	d for	nite.	n.					
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Subject Name	Code	8	6	1	3	5	*	10/10	1	1	2	3	4	5	6	7	8	Prelimi	nary Require	errent(s)
Core subjects									-											
English for Claff Engineering 1.	ROUTE THE REAL PROPERTY.	4		4				M	1	×								4.		
Surveying I.	SMEEDAFAT41	9	1	2				M	1	Х										
Cleanistry of Construction Malerials	SMEEGEWAT#1		3	-				M		×				-						
Civil Engineering Representation and Drawing	BMEEDEMAT43	_	2	1	-				1				Ш							-
CAD for Chill Engineers	BMEEOFTATAL	2	-	1		-				×			-					-		
Geology	BMEEDOMATA) BMEEOTMATA)	6	-	2 6	-	-	-	8		X		-	200	-		Н				0
Rack of Statics and Dynamics Mathematics A3a - Calculus	SMETERSAXOD	-	4	2	-				1			-	Н	-	-	Н	Н			
Physics for Civil Engineers	BMETELLAXIS	2	1	+				W	1	8			Н			Н	Н			-
English for Carl Englishment of 2	OMEGSERATE:	4	-	4				M	3	-	×		Н			Н	Н			-
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Construction Materials I.	BMEECEMATAS	1			3			-			X		П					EDEMATEL .		
Ovil Engineering Informatics	BMREOFTATAL:	3	1	2				M	2		30							POPTATAL		
Baliding Construction Study	BNIEECEMATA	3	1	2			-3	W	2		ж							CATAMBOR	6.	67
Introduction to Strength of Materials.	BMIDEOTMATAZ	.0		5				M	2		X.							ECTMATA1	TESCANDE-	
Hydraulisis I.	RMESOVVATA)	*	2	1				8	.2		×								3 7	8
Mathematics A2s - Vector Functions	BMETESGAXC2	£	4	.3				£	2		K.							TESOANISO	45	0
Surveying Field Course	BMEECAFAT45						9	W	3.			X		100				ECAFATA31"		
Soli Mechanica	BMETOGMAT 42		2	1	-	-			3			Х						TOGMATAL	EDTMA742	
Sentiformatics	BMEEOFTATAS.		2	1	-			M				X						FCAFAT42		
Basis of Design	BMEEDHSATEL BMEEDTMATES	1	_	-	-	-		M	3			X		-		Н	Н	FOTMATAL FOTMATAL	*****	
Structural Analysis is Railway Tracks	RMEEDUWAT43	-	7	-	-	-	H	8.	3			X	Н	-	-		Н	FOAFATA1	CHARGE	02
Saltery Tracks Space of Environmental Engineering	BWEEDWATE:	_	2	-	-	-		4	3		-	X	Н					- Colonial		
Public Works L.	BMFEOVKATED BMFEOVKATED		3	1	-	-	H	8	3			×	Н			Н	Н	ECVNIKT43		
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Mathematics Ail for Civil Engineers	SMFTEHRAND		1	_				E				×	Н			Н	Н	TERONICO:		
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Reinforced Concrete Structures	BMEEDHSAT43		3					M					×			Н		ECTMAT42	DOEMATAD-	EDMSAT41
foatb	SMEEDUVAT42	1	2					M.	4				×			П		EGUVATAL		
Hydraulic Engineering, Water Manag.	BMSEOVVAT43	1	2	1				1	4				×			П		DOV/META1	ECVIVATAS	
Construction Management	BAVEEPEKATAL	3	2	1				M	4				×					FORMATAK	EDGMMT42	
Business (are	BMEGTESADEL	2	2					M	4				1	0.7					Committee as	83
feendation Engineering	BOMESCHOMAZ 45	4						8	5					×				EDIOMATA):	8	0
Management and Enterprise	SMEGTOSAGES.	4	4					M	5				0	K					1	7
Micro- and Macroeconomics	BMESTSSARIS	4	4	24				£	6						Х.			6		0
Communication Skills for Civil Engineers	SMEGTERAGED	3		2		\perp		M	6						Х					
Urban and Regional Development	BAREOUVIATAS	1	2		-			M	7							×		0		
Optional subjects		4	4		_			M	7							×	ш			
Brench Subjects	November 2011			-	_	_	-			_	-	_	-	_	_	_	_	DOMESTIC STATE		
Building Construction I.	BMEECHSAS44	3	1	2				W	4				×	-			Н	ECEMAT44	DDDMAT43	Amines a Wall
Timber Structures	BMEEDTOACH4	3	2	-		-		E	4			-	×	-	Н	Н	Н	SOTMATAS	DUDNIA)41	BURDATAL
Strength of Materials Construction Materials II.	BMEEDEMAGAL	3			1			Ė	5	Н			. 0.	×		Н		EOEMAT43		
Building Construction (I.	BMEECEMAS48	1	_	2	-			Ē	3					T				ECEMAIAZ	EDHIAT43	
Steel and Congoste Structures	BMEEDHSASAT	4	-	-				M	t					8					CONSATA3	Č
NC and Mesonry Structures	BMREOHSAS43	_	2	1				M	3					×				ECHSAD48	EDEMAS42	SOTMATAS
Bridges and Infrastructures	GMEECHSASAS	1	2					E	5					X.					EDWSATES	2000
Laboratory Practice of Teeling of Structures and Mater	BASECHSASAE.	2			+		- 5	M	5.					×				BOHSAT42	BOHSAT48	
Structural Analysis II.	BANEEOTMAS42	*	3	1	1			M	5					×				ECTMASA1	T6904007	9
tick Medianica	BMEEDIGMASA)	3	1	1				W	6						Х			ROGMAT41	EDGMAT42	1
Underground Structures, Deep Found.	BMEEOGMALA)	1	3	1				M	6						×			ECIGMATUS.		2
90 Constructional Modelling of Structures	BMEEDHSASAS	2		1				14	6					0	X			fichsat42	EDMSATAS	EDITATION
Design of Knuctures Projectwork	BMEECOHAGE)	8				2		M	6						X			ROHSAS47	E085A542	EDGMATE
Public Administration and Land Registry	SMEEGUNAT44	3	2					M	7							×		0755A001		
Freed Course of Streathural Geodesy	BMEEGAFA(4)	1		_	2			W	7							×		EDAFATA3	EOHSATAT	ECHSAT48
Dynamics of Structures	RMEEOTMAS48	1	2		-			M	7							×		ECTMAT43		
Terfinical Viterrulia	RMERODHAS42	0	_	_	_		20	1.5	7		_			_		X	ш	PCHSASA7	80RS4542	SOUMATE
Specialization in Structural Engineering	BMITCHSA AT	1	17	-	_										-			EOHSAS47		
Steel Buildings Reinforced Concrete Buildings	RMEEDHIA AL	5		1	-	-	H	8	6		-	-	Н		X		Н		FDHS8584	-
Building Construction Methodology	BMEDEMA-AL				-	-			7		-		Н			×		FORMASAS.	-constant	
Engineering Works	BMEEDHIA BR	3	1	+	-		H	6	7			-		-		×	Н	FCHIATEI	60HIA(46	EDGMASA:
Structural Design Projectiwork	SWEEDHIA PP	4	-			2		M	3							×			makes and recommend	ECHSA AZ
Preparatory Course for 85c Thesis Project	BMEEDEHA FT	9.						M					200				×	FORSA PP	-	
Bachelor Thesis Project	RMSFOCHA-PS	15						M										FOOHA PTS	10	
Total rainteer of credits	340		-							82	16	88	38	93	81	35	34			
Total number of classes	184		_	_	_	_	_	_				28								
Standor of energy	33											4								
Recommende ded Optional Subjects			=	=	=	_	=	=	=	=	=	_	=	-	_	_	-			
Reinforced Concrete Bridges	BMREOHIA 82	1	1	1				1										ROHSASA3	FOHSAS48	SOHSAS44
	THE REAL PROPERTY.				_	-		-			_	_		-	_			The state of the s		
	BMEGTESA363	4	4					101										1000000	a de marco a	

A prerequisite with "mark indicates that it is enough to hold a signature from the pre-required subject in order to register the subject.

							c			
		Code	Credit	Lecture	Seminar	Laboratory	Conzultation	Day	M/E/S	Semester
Cc	ore Subjects		_			_	_	_	_	
	Advanced Mathematics	BMETE90MX33	3	2	1		_		E	1
	Physics Laboratory	BMETE11MX22	1			1			M	2
	Methods of Engineering Analysis	BMEEOHSMK51	3	1	1				М	1
	Numerical Methods	BMEEOFTMK51	4			3			М	1
_	Geodynamics	BMEEOGMMS51	3	2					М	2
_	FEM for Civil Engineers	BMEEOTMMS51	5	2	2		_		E	1
_	Soil-Structure Interaction	BMEEOGMMS52	5	3	1		_		M	1
_	Structures 1	BMEEOHSMS51	5	3	1		_	\vdash	E	1
_	Decision Supporting Methods Accounting, Controlling, Taxation	BMEEPEKMST4	2	2			_		M	3
_	A STATE OF THE STA	BMEGT35M014	2		\vdash	-	_			3
_	Corporate Finance	BMEGT35M411	_	2	-	-	_	_	M	3
-	Engineering Ethics	BMEGT41M004	5			-	_	_	IVI	3
Ċ.	Optional Subjects ecialization in Numerical Modeling		2	ш	ш		-		ш	
4	Obligatory Subjects									-
	Numerical modeling project	BMEEOTMMSSP	5		\vdash	-	2		м	2
	Structural Dynamics	BMEEOTMMN-1	4	2	1		- 2		M	2
÷	Stability of Structures	BMEEOHSMT-2	4	2	1		_	_	E	2
	Nonlinear Mechanics	BMEEOTMMN-2	4	2	1		_		E	1
-	Elective Subjects	DIVICEOTIMINATE.	11	-	_		_	_	-	-
-	Diploma Project	BMEEODHMN-D	20		-				М	3
+	Recommended Elective Subjects	Director in the	20	Н				_	-	
	Plasticity	BMEEOTMMN61	3	1	1				м	2
i	Nonlinear FEM	BMEEOTMMN62	3	2					M	2
	Analysis of Rods and Frames	BMEEOTMMN63	3	1	1				М	2
	Discrete Element Method	BMEEOTMMN64	3	1	1				M	2
St	ecialization in Structures		_			_	_	_		
Ť	Obligatory Subjects									\Box
	Structures project	BMEEOHSMS5P	5	П			2		М	2
_	Structures 2	BMEEOHSMT-1	4	2	1				E	2
T	Stability of Structures	BMEEOHSMT-2	4	2	1				E	2
	Seismic Design	BMEEOHSMT-3	4	2	1				М	2
Ī	Structural Dynamics	BMEEOTMMN-1	4	2	1				M	2
	Elective Subjects		7							
ī	Diploma Project	BMEEODHMT-D	20						М	3
ī	Recommended Elective Subjects									
	Applied Fracture Mechanics	BMEEOHSMT61	4	2	1				M	2
Ī	Prestressing Technologies	BMEEOHSMT62	3	1	1				M	2
	Strengthening of Structures	BMEEOHSMT63	3	1	. 1				M	2
Sp	ecialization in Geotechnics and Geology									
	Obligatory Subjects									
	Geotechnics and engineering geology project	BMEEOGMMSSP	5				2		F	2
	Engineering Geology MSc	BMEEOGMMG-1	4	2	$\overline{}$				٧	2
	Environmental Geology	BMEEOGMMG-2	4	2	1				F	1
	Geotechnical Design	BMEEOGMMG-3	4	2	1				F	2
	Earthworks of Infrastructures	BMEEOGMMG-4	4	2	1				F	2
	Elective Subjects		7							
	Diploma Project	BMEEODHMG-D	20						F	3
	Recommended Elective Subjects									
	Tunneling	BMEEOGMMG61	3	2					F	2
	Hydrogeology	BMEEOGMMG62	3	2					F	2
	Numerical Methods of Geotechnics	BMEEOGMMG63	3	1		1			F	1
1	Engineering Geology of Hungary	BMEEOGMMG64	3	2					F	2

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 pre-requisites and minimum requirements.
- Always check the updated timetable/schedule on the homepage!
- Optional subject: e.g. Reinforced concrete bridges (in the 6th 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-semesters
 - Faculty monitoring
 - Students' request
 - Request signed by min. 15 students 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 (by Neptun request).
- If justified, late payment or split payment can be requested (in Neptun), but the full fee should be transferred until the exam registration!
- In case of passive semester the transferred tuition fee can be validated in the next semester.
- No tuition fee reduction based on educational achievements from 2018 spring!
 - Alternative solution is in progress

Practical training — technical internship

- Practical training accomplished at the home country can be approved based on certification that states the student worked at least 4 weeks (for BSc students starting in 2017 or later: 6 weeks), and the company works in the field of 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 practical training course.
 - Infosite
- Laboratories and departments of the Faculty can also be asked whether there are a project to join for at least 4 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 can be accredited/approved.
- Course that are previously accepted by the BME professor of particular BME course can be approved. At least 75% 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 industrial 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

Diploma project – registration requirements

• BSc thesis

- Min. 204 credits
- All core subjects
- Min. 39 credits of branch subjects
- Min. 15 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
- Min. 8 credits of obligatory specialisation subjects

Recommendations

- Course registration
 - Do it in time!
 - Check clashing courses in schedule!
 - 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 oktatas.epito.bme.hu
 - Supporting materials
 - Submitting home assignments
- Cheating/plagiarism is not tolerated at all!
- Sports & language

Questions?