Domain: Civil enginering

Programme of study: Civil Engineering Qualification: Bachelor Engineer Period of studies: Four years Education form: day courses

Seria: 2017-2021

CURRICULUM

1st year 2017-2018

a E		7-2010		Ë			Ser	n 1 -	14 :	sapt		Sem 2 - 14 sapt							
Tip disciplina	Nr. crt.	Subject	Codul disciplinei	Conditionari		No	o hou	ırs		Ev.finală	K		No	o hou	ırs		Ev.finală	K	
ij				ŏ	С	S	L	Р	SI			С	S	L	Р	SI	Ev		
		Mathematical Analysis 1	CE101		2	2			4	Е	5								
		Algebra and Geometry 1	CE102		2	2			4	Е	4								
	3 DID	Mechanics 1	CE103		2	1			4	E	4								
		Building Materials 1	CE104		1		1		2	Е	3								
	5 DF	Engineering Graphics	CE105				2		1	Vp	2								
		Chemistry	CE106		2		1		1	С	2								
		Computer programming and programming	CE107		1		2		2	Vp	3								
		Humanistic Sciences (Techniques of	CE108		2				1	С	2								
		Construction Engineering. Ways of Thinking	CE109		2		1			Е	2								
		English Language 1	CE110			1			2	Vp	2								
DI		Physical Training 1	CE111			1				Vp	1								
		Mathematical Analysis 2	CE112	CE101								2	2			1	E	3	
		Algebra and Geometry 2	CE113	CE102								2	1			2	Е	3	
	14 DID	Mechanics 2	CE114	CE103								2	1			2	Е	3	
	15 DID	Building Materials 2	CE115	CE104								2		2		3	Е	4	
	16 DID	Elements of Architecture and Urban Planning	CE116									2		2		1	С	3	
		Physics 1	CE117									2		1		2	С	3	
		Strength of Materials 1	CE118									3		2		4	E	5	
		English Language 2	CE119										1			2	Vp	2	
		Physical Training 2	CE120										1				Vp	1	
		Practice	CE121									2 sx	k30 h	/s = 6	60 h		С	3	
		Aesthetics			2					Vp	2								
DL	23 [11]	Innovative entrepreneurship development in construction			2					Vp	2								
I DL	24 DID	An Introduction to Technical Creativity										2					Vp	2	
	25 DF	Elementary Mathematics 1			2					Vp	2								
	26 DF	Elementary Mathematics 2										2					Vp	2	
		Psychology of Education-DPPD*			2	2				Е	5								
		Pedagogy I*:																	
		- Fundamentals of Pedagogy										2	2				Е	5	
	20 00	- Theory and Methodology of the Curriculum										_	-				_		
		Total hours per week, total topics and credits per se	mester a	at DI	14	7	7	0		5 E	30	15	6	7	0		5 E	30	
		and DO				2	8		22	2 C		Ė	2			17	3 C		
										4 Vp							2 Vp		

Psychopedagogical training programme for the certification of competences for the teaching profession.

DECAN, Conf.dr.ing. Vasilică Ciocan RECTOR,

Prof.dr.ing. Dan Caşcaval

Domain: Civil enginering

Programme of study: **Civil Engineering**Qualification: Bachelor Engineer
Period of studies: Four years

Education form: day courses

Seria: 2017-2021

CURRICULUM

TUIASI SENAT Approved 15.09.2017

2nd year 2018-2019

ZIIQ PI						Sem 3 - 14 sapt							Sem 4 - 14 sapt							
Tip disciplina	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari				apt /				Nr.ore /								
disc	CIT.	Codul	ndit	disciplina					Ev.finală	Κ	disciplina					Ev.finală	Κ			
Ţ			J	රි	С	S	L	Р	SI			С	S	L	Р	SI	<u>Б</u>			
	1 DID	Statics of Constructions 1	CE201		3		2		4	Е	5									
		Descriptive Geometry	CE202		2	1			2	Е	4									
		Engineering Geology	CE203		1		1		2	Е	3									
		Physics 2	CE204	CE117	1	1			2	С	3									
	5 DID	Strength of Materials 2	CE205	CE118	3		2		4	Е	6									
	6 DID	Environmental Engineering	CE206		2		1		2	Е	3									
		Economics	CE207		2				1	С	2									
		English Language 3	CE208			1			2	Vp	1									
		Physical Training 3	CE209			1				Vp	1									
DI		Statics of Constructions 2	CE210	CE201								3		2		5	Е	6		
	11 DID	Theory of Elasticity and Plasticity	CE211									2		1		2	Е	3		
	12 DID	Reinforced Concrete	CE212									2		1		2	Е	3		
		Civil construction 1	CE213									2		2		3	Е	4		
		Infographics	CE214									1		2		2	С	3		
		Hydraulics	CE215									2		1		2	С	3		
		Surveying	CE216									2		2		1	E	3		
		English Language 4	CE217										1			2	Vp	1		
		Physical Training 4	CE218										1				Vp	1		
	19 DID	Land Surveying Practical Training	CE219									2 s	k30 h	/s = 6	60 h		С	3		
DO	20 DF	Statistics	CE220		2					Vp	2									
	21 DID	Programming Languges (JAVA)	CE221									1		3			Vp	2		
		Pedagogy II*:																		
DL	22 DC	- Instruction Theory and Methodology	CE222		2	2				Ε	5									
		- Evaluation Theory and Methodolgy																		
	23 DC	Didactics of the Specialized Domain*	CE223									2	2				Е	5		
		Total hours per week, total topics and credits per ser	mester a	t DI	16	4	6	0		5 E	30	14	2	11	0		5 E	30		
		and DO				2	6		19	2 C			2	7		20	3 C			
										3 Vp				.1			2 Vp			

^{*} Psychopedagogical training programme for the certification of competences for the teaching profession.

DECAN, Conf.dr.ing. Vasilică Ciocan RECTOR,

Prof.dr.ing. Dan Caşcaval

Technical University "Gheorghe Asachi" of lasi Faculty of Civil Engineering and Building Services

Domain: Civil enginering

Programme of study: Civil Engineering Qualification: Bachelor Engineer Period of studies: Four years Education form: day courses

Seria: 2017-2021

CURRICULUM

3rd year 2019-2020

							Se	m 5 -	14 s	apt		Sem 6 - 14 s					apt	
Tip disciplina	Nr. crt.			Conditionari	Nr.ore / sapt / disciplina				Ev.finală	K						Ev.finală	K	
_				0	С	S	L	Р	SI	Ш		С	S	L	Ρ	SI	Ш	
	1 DID	Elements of Steel Structures 1	CE301		2		1		2	Е	3							
	2 DIS	Technology of Constructions 1	CE302		2		1		2	С	3							
		Structural Dynamics	CE303		2		2		4	Е	4							
		Numerical Methods in Engineering	CE304		2		1		3	С	3							
		Reinforced and Prestressed Concrete	CE305		2			2	4	Е	5							
		Geotechnics	CE306		3		2		4	E	5							
		Civil Constructions 2	CE307		2			2	4	E	5							
DI		Fundamentals of Fire Safety in Civil Engineering	CE308		2				3	С	2							
		Earthquake Engineering	CE309									2		2		2	E	3
		Computer Assisted Design	CE310									2		1		2	С	2
		Elements of Steel Structures 2	CE311	CE301								2			2	3	E	4
		Technology of Constructions 2	CE312	CE302								2		1		2	E	3
		Foundations	CE313									3			2	3	E	5
		Timber Structures	CE314									2			1	3	С	4
		Economy and Legislation	CE315									2	001./	1	٠. ١	2	С	3
-		Technology and Management Practical Training	CE316										30n/s	s = 12	20 h		C	3
DO		Optional 1	CE317		_		_				_	2		1			Vp	3
	18 DF	Programming Languges (MATLAB)	CE318		1		3			Vp	2	_		_				_
		Databases	CE319			_				Ma	_	1	_	2			Vp	2
DL		Advanced English Language	CE320		4	2				Vp C	2		2				Vp	2
DL		Computer Assisted Training*	CE321		1	1				U		4	4					3
		Management of the Pupils' Classroom*	CE322		110	x3 h/	lo = 1	2 h		С	2	120		/s = 3	C h		C	
		Practicum in Educational Institutions (2)*	CE323 CE324		148	5X3 II/	5 – 4	Z []		U	3	128	ixo II/	/S – 3	011		E	5
	24 DC	Graduation Exam, Level I* Total hours per week, total topics and credits per se		+ DI	17	0	7	4		5 E	30	17	0	6	5			30
		·	mester a	ונ טו	17			4	26	5 E 3 C	JU	17			J	17	4 E 4 C	30
	and DO					28			20	0 Vp		28				17	4 C	
										υ νρ							ı vp	

Opt.1 Hygrothermics and Acoustics of Buildings
Structural Shapes for Building

* Psychopedagogical training programme for the certification of competences for the teaching profession.

DECAN, Conf.dr.ing. Vasilică Ciocan **RECTOR,** Prof.dr.ing. Dan Caşcaval

Domain: Civil enginering

Programme of study: Civil Engineering Qualification: Bachelor Engineer Period of studies: Four years Education form: day courses

Seria: 2017-2021

CURRICULUM

4th year 2020-2021

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Tip disciplina	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Nr.ore / sapt / disciplina			apt /			K			re / s sciplir	apt /	14.3	Ēv.finală dr	К
Ι				ŏ	С	S	L	Р	SI	ú		С	S	L	Р	SI	ú	
		Reinforced Concrete Structures	CE401		3			2	4	Е	5							
		Steel Structures	CE402		2			2	4	Ε	5							
	3 DIS	Industrial Constructions	CE403		2			2	4	Е	4							
DI	4 DIS	Constructions in Rural Zone	CE404		2		1		3	С	4							
15	5 DID	Management of Constructions Works	CE405		3		2		3	Е	4							
	6 DID	Building Services in Constructions	CE406									2		1		2	E	3
	7 DIS	General concepts of sustainability	CE407		2					Vp	2							
	8 DIS	Elements of Composite Structures	CE408									2		1		2	Е	3
	9 DIS	Optional 2	CE409		2		1		2	Vp	3							
	10 DIS	Optional 3	CE410		2		0		2	Vp	3							
	11 DIS	Optional 4	CE411									2		1		2	Е	3
DO	12 DIS	Optional 5	CE412									2		1		2	Vp	2
I _{DO}	13 DIS	Optional 6	CE413									2		1		2	Е	3
	14 DIS	Optional 7	CE414									2		1		2	Vp	3
	15 DID	Optional 8	CE415									2		1		2	Vp	3
	16 DIS	Diploma project research	CE416												4	6	С	5
DI	17 DIS	Diploma project completion	CE417												3	6	С	5
		Diploma exam	CE418														(E)	(10
DL	19 DF	Programming Languges (FORTRAN)	CE419		1		2			Vp	2							
		Total hours per week, total topics and credits per ser	mester a	t DI	18	0	4	6		4 E	30	14	0	7	7		4 E	30
		and DO				2	8		22	1 C			2	8		26	2 C	
										3 Vp							3 Vp	

Opt 2	Building Rehabilitation Elements of Non-linear Computation in Civil	Opt.6	Special Steel Structures Light Metallic Structures
Opt 3	Advanced Building Materials Advanced Building Technologies	Opt.7	Masonry Constructions Thermo-physical Rehabilitation of Constructions
Opt.4	Durability of Reinforced Concrete Structures	Opt.8	Transportation Infrastructure

Opt.5	Quality Management
	Project Management

Advanced Solutions in Reinforced Concrete

DECAN, Conf.dr.ing. Vasilică Ciocan

RECTOR, Prof.dr.ing. Dan Caşcaval

Special Foundations

To support and promote diploma exam are awarded with additional 10 credits .