

Technical University "Gheorghe Asachi" of Iasi
 Faculty of Civil Engineering and Building Services
 Domain: Civil engineering
 Specialization: **Civil Engineering - Training**
 Qualification: Bachelor Engineer
 Period of studies: Four years
 Education form: day courses
 Seria: 2012-2016

Approved M.E.C.T.S.,

CURRICULUM

1st year 2012-2013

Tip disciplina	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Sem 1 - 14 sapt					Sem 2 - 14 sapt											
					Nr.ore / sapt / disciplina					Ev. finala	K	Nr.ore / sapt / disciplina					Ev. finala	K			
					C	S	L	P	SI			C	S	L	P	SI					
DI	1 DF	Mathematical Analysis 1	CE101		2	2			4	E	5										
	2 DF	Algebra and Geometry 1	CE102		2	2			4	E	5										
	3 DID	Mechanics 1	CE103		2	1			4	E	4										
	4 DID	Building Materials 1	CE104		1		1		2	E	4										
	5 DF	Engineering Graphics	CE105				2		1	Vp	2										
	6 DF	Chemistry	CE106		2		1		1	C	2										
	7 DID	Elements of Architecture and Urban Planning	CE107									2		2		1	C	3			
	8 DC	Humanistic Sciences (Techniques of Communication)	CE108		2				1	C	2										
	9 DC	English Language 1	CE109			1			2	Vp	2										
	10 DC	Physical Training 1	CE110			1				Vp	1										
	11 DF	Mathematical Analysis 2	CE111	CE101								2	2			1	E	3			
	12 DF	Algebra and Geometry 2	CE112	CE102								2	1			2	E	3			
	13 DID	Mechanics 2	CE113	CE103								2	1			2	E	3			
	14 DID	Building Materials 2	CE114	CE104								2		2		3	E	4			
	15 DF	Computer programming and programming languages	CE115			1		2		2	Vp	3									
	16 DF	Physics 1	CE116									2	1			2	C	3			
	17 DID	Strength of Materials 1	CE117									3		2		4	E	5			
	18 DC	English Language 2	CE118										1			2	Vp	2			
	19 DC	Physical Training 2	CE119										1				Vp	1			
	20 DF	Practice	CE120									2 sx30 h/s = 60 h					C	3			
DL	21 DC	Aesthetics			2					Vp	2										
	22 DID	Innovative entrepreneurship development in construction			2					Vp	2										
	23 DID	An Introduction to Technical Creativity										2					Vp	2			
	24 DID	Construction Engineering. Ways of Thinking										2					Vp	2			
Total hours per week, total topics and credits per semester at DI and DO					12	7	6	0		4	E	30	15	7	6	0		5	E	30	
					25					22	2	C		28					17	3	C
											4	Vp								2	Vp

DECAN,
 Prof.dr.ing. Mihai Budescu

RECTOR,
 Prof.dr.ing. Ion Giurma

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CURRICULUM

2nd year 2013-2014

Tip disciplina	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Sem 3 - 14 sapt					Sem 4 - 14 sapt								
					Nr.ore / sapt / disciplina					Ev. finala	K	Nr.ore / sapt / disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1 DID	Statics of Constructions 1	CE201		3		2		4	E	5							
	2 DF	Descriptive Geometry	CE202		2	1			2	E	4							
	3 DF	Infographics AutoCad	CE203		1		2		2	C	3							
	4 DF	Physics 2	CE204	CE116	1	1			2	C	3							
	5 DID	Strength of Materials 2	CE205	CE117	3		2		4	E	5							
	6 DID	Environmental Engineering	CE206		2		1		2	E	4							
	7 DC	Economics	CE207		2				1	C	2							
	8 DC	English Language 3	CE208			1			2	Vp	1							
	9 DC	Physical Training 3	CE209			1				Vp	1							
	10 DID	Statics of Constructions 2	CE210	CE201								3	2		5	E	6	
	11 DID	Theory of Elasticity and Plasticity	CE211									2	1		2	E	3	
	12 DID	Reinforced Concrete	CE212									2	1		2	E	3	
	13 DID	Civil construction 1	CE213									2		2	3	E	4	
	14 DID	Engineering Geology	CE214									1	1		2	C	3	
	15 DID	Hydraulics	CE215									2	1		2	C	3	
	16 DID	Surveying	CE216									2	2		1	E	3	
	17 DC	English Language 4	CE217										1		2	Vp	1	
	18 DC	Physical Training 4	CE218										1			Vp	1	
	19 DID	Land Surveying Practical Training	CE219									2 sx30 h/s = 60 h				C	3	
	20 DC	Statistics				2				Vp	2							
DL	21 DID	Programming Languages (JAVA)									1	3			Vp	2		
Total hours per week, total topics and credits per semester at DI and DO					16	4	7	0		4 E	30	14	2	8	2	5 E	30	
					27			19	3 C			26			20	3 C		
									3 Vp							2 Vp		

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3rd year 2014-2015

Tip disciplina	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Sem 5 - 14 sapt					Ev. finala	K	Sem 6 - 14 sapt					Ev. finala	K				
					Nr.ore / sapt / disciplina							Ev. finala	K	Nr.ore / sapt / disciplina					Ev. finala	K		
					C	S	L	P	SI					C	S	L					P	SI
DI	1 DID	Elements of Steel Structures 1	CE301		2		1		2	E	3											
	2 DIS	Technology of Constructions 1	CE302		2		1		2	C	3											
	3 DID	Structural Dynamics	CE303		2		2		4	E	5											
	4 DF	Numerical Methods in Engineering	CE304		2		1		3	C	4											
	5 DID	Reinforced and Prestressed Concrete	CE305		2			2	4	E	5											
	6 DID	Geotechnics	CE306		3		1		4	E	5											
	7 DID	Civil Constructions 2	CE307		2			2	4	E	5											
	8 DIS	Earthquake Engineering	CE308									2		1		2	E	3				
	9 DID	Computer Assisted Desing	CE309									2		1		2	C	2				
	10 DID	Elements of Steel Structures 2	CE310	CE301								2			2	3	E	4				
	11 DIS	Technology of Constructions 2	CE311	CE302								2		1		2	E	3				
	12 DIS	Foundations	CE312									3			2	3	E	5				
	13 DIS	Timber Structures	CE313									2			1	3	C	4				
	14 DID	Economy and Legislation	CE314									2		1		2	C	3				
	15 DID	Technology and Management Practical Training	CE315									4sx30h/s = 120 h					C	3				
DO	16 DIS	Optional 1	CE316								2		1			Vp	3					
DL	17 DID	Programming Languges (MATLAB)			1		3			Vp	2											
	18 DF	Databases									1		2			Vp	2					
	19 DC	Advanced English Language				2				Vp	2		2			Vp	2					
Total hours per week, total topics and credits per semester at DI and DO					15	0	6	4		5 E	30	17	0	5	5		4 E	30				
					25				23	2 C		27				17	4 C					
									0 Vp							1	Vp					

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

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CURRICULUM

4th year 2015-2016

Tip disciplina	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Sem 7 - 14 sapt					Sem 8 - 14 sapt											
					Nr.ore / sapt / disciplina					Ev. finala	K	Nr.ore / sapt / disciplina					Ev. finala	K			
					C	S	L	P	SI			C	S	L	P	SI					
DI	1 DIS	Reinforced Concrete Structures	CE401		3			2	4	E	5										
	2 DIS	Steel Structures	CE402		2		2		4	E	4										
	3 DIS	Industrial Constructions	CE403		2			2	4	E	5										
	4 DIS	Constructions in Rural Zone	CE404		2		1		3	C	4										
	5 DID	Management of Constructions Works	CE405		3		2		3	E	5										
	6 DID	Building Services in Constructions	CE406									2		1		2	E	3			
	7 DIS	Elements of Composite Structures	CE407									2		1		2	E	3			
DO	8 DIS	Optional 2	CE408		2		1		2	Vp	3										
	9 DIS	Optional 3	CE409		2		0		2	Vp	3										
	10 DIS	Optional 4	CE410									2		1		2	E	3			
	11 DIS	Optional 5	CE411									2		1		2	Vp	3			
	12 DIS	Optional 6	CE412									2		1		2	E	3			
	13 DIS	Optional 7	CE413									2		1		2	Vp	3			
	14 DID	Optional 8	CE414									2		1		2	Vp	3			
DI	15 DIS	Diploma Project Elaboration	CE415											6	6	C	10				
DL	16 DID	Programing Languges (FORTRAN)			1		2			Vp	2										
Total hours per week, total topics and credits per semester at DI and DO					16	0	6	4		4	E	29	14	0	7	6		4	E	31	
					26					22	1	C	27					20	1	C	
										2	Vp						3	Vp			

Opt 2 Building Rehabilitation
 Elements of Non-linear Computation in Civil Engineering

Opt.6 Light Steel Structures
 Special Steel 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
 Advanced Solutions in Reinforced Concrete Structures

Opt.8 Transportation Infrastructure
 Special Foundations

Opt.5 Quality Management
 Project Management

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