

Domain CIVIL ENGINEERING

Program Name

Study Level BACHELOR

CURRICULA

Valid for the Academic Year

2022-2023

Pag. 1

COURSE CODE AND TITLE	Year I					Methods of Assessment	Nr.of Hours/Discipline				ECTS/Sem		Discipline						
	SEM 1 14 weeks						SEM 2 14 weeks					Total	C	Apl	Indiv. St.	1	2	cat	type
	C	S	L	P	PR		C	S	L	P	PR								
1.00 Mathematical Analysis	2	2	0	0	0						Gr	125	28	28	69	5.0		DF	DI
2.00 Linear Algebra, Analytical and Differential Geometry	2	2	0	0	0						Gr	125	28	28	69	5.0		DF	DI
3.00 Descriptive Geometry	2	0	2	0	0						Gr	125	28	28	69	5.0		DF	DI
4.00 Applied Informatics	2	0	2	0	0						Gr	75	28	28	19	3.0		DF	DI
5.00 Chemistry	2	0	2	0	0						Gr	125	28	28	69	5.0		DF	DI
6.00 Engineering Geology	1	0	1	0	0						Gr	50	14	14	22	2.0		DD	DI
7.00 Physical Education I	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	DI
8.10 English Language I	0	1	0	0	0						Gr	25	0	14	11	1.0		DC	DO
8.20 French Language I	0	1	0	0	0						Gr	25	0	14	11	1.0		DC	DO
8.30 German Language I	0	1	0	0	0						Gr	25	0	14	11	1.0		DC	DO
8.40 Italian Language I	0	1	0	0	0						Gr	25	0	14	11	1.0		DC	DO
9.10 History of Technics in Constructions	2	0	0	0	0						Gr	50	28	0	22	2.0		DC	DO
9.20 Academic Ethics and Integrity	2	0	0	0	0						Gr	50	28	0	22	2.0		DC	DO
10.00 Special Mathematics						2	2	0	0	0	Gr	100	28	28	44	4.0		DF	DI
11.00 Mechanics I						2	1	2	0	0	Gr	125	28	42	55	5.0		DD	DI
12.00 Physics						2	1	0	0	0	Gr	75	28	14	33	3.0		DF	DI
13.00 Building Materials						2	0	2	0	0	Gr	125	28	28	69	5.0		DD	DI
14.00 Technical Drawing and Infographics I						0	0	3	0	0	Gr	100	0	42	58	4.0		DF	DI
15.00 Computer Programming and Programming Languages						0	0	2	0	0	Gr	75	0	28	47	3.0		DF	DI
16.00 Elements of Architecture and Systematization						1	0	0	0	0	Gr	50	14	0	36	2.0		DD	DI
17.00 General Economics						1	1	0	0	0	Gr	50	14	14	22	2.0		DC	DI
18.00 Physical Education II						0	1	0	0	0	A/R	25	0	14	11	1.0		DC	DI
19.10 English Language II						0	1	0	0	0	Gr	25	0	14	11	1.0		DC	DO
19.20 French Language II						0	1	0	0	0	Gr	25	0	14	11	1.0		DC	DO
19.30 German Language II						0	1	0	0	0	Gr	25	0	14	11	1.0		DC	DO
19.40 Italian Language II						0	1	0	0	0	Gr	25	0	14	11	1.0		DC	DO

Rector,
Prof.Dr.Ing.Vasile TopaDean,
Prof. dr. ing. Daniela - Lucia ManeaDepartment Director,
Conf. dr. ing. Sanda Marioara Nas

Domain CIVIL ENGINEERING

Program Name CIVIL, INDUSTRIAL AND AGRICULTURAL CONSTRUCTIONS (IN ENGLISH LANGUAGE)

Study Level LICENTA

CURRICULA

Valid for the Academic Year

2021-2022

Pag. 3

COURSE CODE AND TITLE	Year II										Methods of Assessment			Nr.of Hours/Discipline				ECTS/Sem		Discipline		
	SEM 1 14 weeks					SEM 2 14 weeks					E	C	V	Total	C	Apl	Indiv. St.	1	2	cat	type	
	C	S	L	P	PR	C	S	L	P	PR												
20.00 Mechanics II	2	0	2	0	0								Gr	125	28	28	69	5.0		DD	DI	
21.00 Material Strength I	3	0	3	0	0								Gr	150	42	42	66	6.0		DD	DI	
22.00 Numerical Methods	2	0	2	0	0								Gr	100	28	28	44	4.0		DF	DI	
23.00 Topography	2	0	2	0	0								Gr	125	28	28	69	5.0		DD	DI	
24.00 Technical Drawing and Infographics II	0	0	2	0	0								Gr	75	0	28	47	3.0		DF	DI	
25.00 Hydraulics	2	0	2	0	0								Gr	100	28	28	44	4.0		DD	DI	
26.00 Fire safety	1	0	0	0	0								Gr	50	14	0	36	2.0		DD	DI	
27.10 English Language III	0	1	0	0	0								Gr	25	0	14	11	1.0		DC	DO	
27.20 French Language III	0	1	0	0	0								Gr	25	0	14	11	1.0		DC	DO	
27.30 German Language III	0	1	0	0	0								Gr	25	0	14	11	1.0		DC	DO	
27.40 Italian Language III	0	1	0	0	0								Gr	25	0	14	11	1.0		DC	DO	
28.00 Statics and Stability of Constructions I						3	0	2	0	0			Gr	100	42	28	30		4.0	DD	DI	
29.00 Material Strength II						3	0	3	0	0			Gr	150	42	42	66		6.0	DD	DI	
30.00 Geotechnics						2	0	2	0	0			Gr	100	28	28	44		4.0	DD	DI	
31.00 Reinforced and Prestressed Concrete I						3	0	2	0	0			Gr	125	42	28	55		5.0	DD	DI	
32.10 Communication Ways						2	0	1	0	0			Gr	75	28	14	33		3.0	DD	DO	
32.20 Engineering Structures Bridges						2	0	1	0	0			Gr	75	28	14	33		3.0	DD	DO	
33.00 Thermotechnics of Constructions						1	1	0	0	0			Gr	75	14	14	47		3.0	DD	DI	
34.10 English Language IV						0	1	0	0	0			Gr	25	0	14	11		1.0	DC	DO	
34.20 French Language IV						0	1	0	0	0			Gr	25	0	14	11		1.0	DC	DO	
34.30 German Language IV						0	1	0	0	0			Gr	25	0	14	11		1.0	DC	DO	
34.40 Italian Language IV						0	1	0	0	0			Gr	25	0	14	11		1.0	DC	DO	
35.00 Topographic Practical Work (3 weeks)						0	0	0	0	30			Gr	100	0	90	10		4.0	DD	DI	
TOTAL AN	12	1	13	0	0	14	2	10	0	30	sem1	5	3	0	1500	364	454	682	30.0	30.0		
											sem2	4	4	0								

Rector,
Prof.Dr.Ing.Vasile TopaDean,
Prof. dr. ing. Daniela - Lucia ManeaDepartment Director,
Conf. dr. ing. Anca Popa

Domain CIVIL ENGINEERING

Program Name CIVIL, INDUSTRIAL AND AGRICULTURAL CONSTRUCTIONS (IN ENGLISH LANGUAGE)

Study Level BACHELOR

CURRICULA

Valid for the Academic Year

2020-2021

Pag. 5

COURSE CODE AND TITLE	Year III					Methods of Assessment			Nr.of Hours/Discipline				ECTS/Sem		Discipline						
	SEM 1		14 weeks			SEM 2		14 weeks	E	C	V	Total	C	Apl	Indiv. St.	1	2	cat	type		
	C	S	L	P	PR	C	S	L												P	PR
36.00 Statics and Stability of Constructions II 37.00 Dynamics of Constructions	3	0	2	0	0				Gr		150	42	28	80	6.0		DD	DI			
38.00 Reinforced and Prestressed Concrete II	3	0	3	0	0				Gr		150	42	42	66	6.0		DD	DI			
39.00 Basics of Buildings Design	2	0	2	0	0				Gr		125	28	28	69	5.0		DS	DI			
40.00 Civil Engineering Management I	2	0	1	0	0				Gr		75	28	14	33	3.0		DD	DI			
41.00 Timber Structures	2	0	1	0	0				Gr		75	28	14	33	3.0		DD	DI			
42.00 Building Services	2	0	0	0	0				Gr		50	28	0	22	2.0		DD	DI			
43.00 Buildings Constructions I						2	0	0	2	0	100	28	28	44		4.0	DS	DI			
44.00 Reinforced Concrete Structures I						2	0	0	3	0	100	28	42	30		4.0	DS	DI			
45.00 Earthquake Engineering						2	0	1	0	0	75	28	14	33		3.0	DD	DI			
46.00 Steel Structures I						3	0	2	0	0	100	42	28	30		4.0	DS	DI			
47.10 Numerical Modeling in Structural Design						1	0	1	0	0	50	14	14	22		2.0	DD	DO			
47.20 Numerical Methods in Constructions						1	0	1	0	0	50	14	14	22		2.0	DD	DO			
48.00 Statics and Stability of Constructions III						1	0	1	0	0	50	14	14	22		2.0	DD	DI			
49.00 Building Technology I						1	0	1	0	0	50	14	14	22		2.0	DS	DI			
50.00 Theory of Elasticity and Plasticity						2	0	1	0	0	75	28	14	33		3.0	DD	DI			
51.10 Aestetics of Constructions						1	0	1	0	0	50	14	14	22		2.0	DS	DO			
51.20 Traditional and Modern Finishings						1	0	1	0	0	50	14	14	22		2.0	DS	DO			
52.00 Practical Work in the Specialization (3 weeks)						0	0	0	0	30						4.0	DS	DI			
TOTAL AN	16	0	11	0	0	15	0	8	5	30	sem1	4	3	0	1500	434	426	640	30.0	30.0	
											sem2	5	4	1							

205.00 Computer Assisted Training	1	1	0	0	0					Gr	50	14	14	22	2.0		DC	DFac
206.00 Teaching Practice I	0	0	0	0	3					Gr	75	0	42	33	3.0		DC	DFac
305.00 Volunteering 5	0	1	0	0	0					A/R	50	0	14	36	2.0		DC	DFac
207.00 Classroom Management						1	1	0	0	0	75	14	14	47		3.0	DC	DFac
208.00 Teaching Practice II						0	0	0	0	3	50	0	36	14		2.0	DC	DFac

Rector,
Prof.Dr.Ing.Vasile TopaDean,
Prof. dr. ing. Daniela - Lucia ManeaDepartment Director,
Conf. dr. ing. Anca Popa

Domain CIVIL ENGINEERING

Program Name CIVIL, INDUSTRIAL AND AGRICULTURAL CONSTRUCTIONS (IN ENGLISH LANGUAGE)

Study Level BACHELOR

CURRICULA

Valid for the Academic Year

2019-2020

Pag. 7

COURSE CODE AND TITLE	Year IV					Methods of Assessment	Nr.of Hours/Discipline				ECTS/Sem		Discipline								
	SEM 1 14 weeks		SEM 2 14 weeks				E	C	V	Total	C	Apl	Indiv. St.	1	2	cat	type				
	C	S	L	P	PR	C												S	L	P	PR
53.00 Buildings Constructions II	3	0	0	0	0		Gr		100	42	0	58	4.0		DS	DI					
54.00 Steel Structures II	3	0	0	3	0		Gr		150	42	42	66	6.0		DS	DI					
55.00 Reinforced Concrete Structures II	2	0	0	0	0		Gr		75	28	0	47	3.0		DS	DI					
56.00 Reinforced Concrete Structures II - Project	0	0	0	3	0		Gr		50	0	42	8	2.0		DS	DI					
57.00 Building Technology II	3	0	2	0	0		Gr		125	42	28	55	5.0		DS	DI					
58.00 Foundations	3	0	3	0	0		Gr		150	42	42	66	6.0		DD	DI					
59.00 Computer Aided Design	1	0	2	0	0		Gr		100	14	28	58	4.0		DS	DI					
60.00 Buildings Constructions II - Project						0	0	0	2	0				2.0	DS	DI					
61.00 Civil Engineering Management II						1	0	2	0	0				4.0	DD	DI					
62.10 Maintenance, Repair and Strengthening Works Technology						2	0	1	0	0				4.0	DS	DO					
62.20 High Performance Technologies for Construction Works						2	0	1	0	0				4.0	DS	DO					
63.10 High Performance Energy-Efficient Building						2	0	1	0	0				4.0	DS	DO					
63.20 Modern Methods in Structural Analysis and Design						2	0	1	0	0				4.0	DS	DO					
64.10 Composite steel-concrete structures						2	0	2	0	0				5.0	DS	DO					
64.20 Special Steel Structures						2	0	2	0	0				5.0	DS	DO					
65.10 Industrial Constructions						1	0	1	0	0				4.0	DS	DO					
65.20 Agrozootechnical Constructions						1	0	1	0	0				4.0	DS	DO					
66.00 Graduation Project						0	0	0	4	0		Gr	100	0	56	44	4.0	DS	DI		
67.00 Field-Specific Research for the Graduation Project						0	0	0	0	5		Gr	75	0	70	5	3.0	DS	DI		
68.00 Diploma Project Defense						0	0	0	0	0		Gr	0	0	0	0	10.0	DS	DI		
TOTAL AN	15	0	7	6	0	8	0	7	6	5	sem1	5	2	0	1500	322	434	744	30.0	30.0	+ 10
			28.00					26.00			sem2	5	3	0							

102.00 Testing in Construction	2	0	2	0	0							Gr	75	28	28	19	3.0		DS	DFac
103.00 Modern Languages V	1	0	2	0	0							Gr	75	14	28	33	3.0		DC	DFac

Rector,
Prof.Dr.Ing.Vasile TopaDean,
Prof. dr. ing. Daniela - Lucia ManeaDepartment Director,
Conf. dr. ing. Anca Popa