

CURRICULA
YEAR OF STUDY : I

2023-2027

I. Compulsory subjects

No.	Subject	Formative category*	Code	1st Semester (14 weeks)						2nd Semester (14 weeks)					
				No.hours/week						No.hours/week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr.	VF
1	Mathematical Analysis 1	DF	0906010102	2	2			4	E						
2	Geodetic Astronomy	DS	0906010106	2	2			4	E						
3	Physics	DF	0906010104	2		1		3	E						
4	Descriptive Geometry	DF	0906010105	2		1		4	VP						
5	Applied informatics	DF	0906010110	2		2		3	C						
6	Topographic Drawing and Infographics 1	DF	0906010112	2		1		3	E						
7	Geodetic Instruments and Measurement Methods	DD	0906010109	2		2		4	E						
8	Physical Training 1	DC	0906010114			1		2	VP						
9	Mathematical Analysis 2	DF	0906010103							2	2			4	E
10	Surveying 1	DD	0906010107							3		3		6	E
11	Surveying - project	DD	0906010108										2	3	P
12	Computer's usage and programming	DF	0906010111							2		2		4	E
13	Linear Algebra, Analytic and Differential Geometry	DF	0906010101							2		2		3	E
14	Topographic Drawing and Infographics 2	DF	0906010113									2		3	E
15	Physical Training 2	DC	0906010115									1		2	VP
16	Surveying - practice 1	DD	0906010116							2 week				2	C
Total: hours/credits/week				14	4	8	0	27		9	2	10	2	27	

II.Optional subjects

17	English language 1, or	DC	0906010217	1				2	VP						
18	French language 1	DC	0906010218												
19	German language 1	DC	0906010225												
20	Ethics and Academic Integrity	DC	0906010223	1				1	VP						
21	Learning methods	DC	0906010224												
20	English language 2, or	DC	0906010219							1	2			2	VP
23	French language 2	DC	0906010220												
23	German language 2	DC	0906010226												
23	Philosophy, or	DC	0906010221							1	1			1	VP
24	Sociology	DC	0906010222												
Total: hours/credits/week				2				3		2	3			3	
Total / year				28				30		28				30	

III.Facultative subjects

25	History of geodesy	DC	0906010323	2	2			5	E						
26	Environmental protection	DC	0906010324							2	2			5	E

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CURRICULA
YEAR OF STUDY : II

2023-2027

I. Compulsory subjects

No.	Subject	Formative category*	Code	3st Semester (14 weeks)						4nd Semester (14 weeks)					
				No.hours/week						No.hours/week					
				C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV
1	Numerical Analysis	DF	0906020101	2	2			5	E						
2	Measurements Adjustment and Statistics 1	DS	0906020103	2		2		5	E						
3	Ellipsoidal Geodesy	DD	0906020106	2		2		6	E						
4	Surveying 2	DD	0906020105	3		3		6	E						
5	Soil mapping	DS	0906020110	2		2		4	C						
6	Advanced Mathematics	DF	0906020102							2	2			4	E
7	Measurements Adjustment and Statistics 2	DS	0906020104							2		2		4	E
8	Geodesy	DD	0906020107							2		2		4	E
9	Geodesy - project	DD	0906020108										2	3	P
10	Geodetic Measurements Through Electromagnetic Waves	DD	0906020109							2		2		4	E
11	Civil Constructions	DD	0906020112							2		1		3	VP
12	Cadastral Evaluation Marks	DS	0906020111							2		1		2	E
13	Surveying and Geodesy Practice 2	DD	0906020113							3 week				3	C
Total: hours/credits/week				11	2	9		26		12	2	8	2	27	

II.Optional subjects

14	General Agriculture and Horticulture 1, or	DS	0906020215	2		1		3	VP						
15	Geology and Geomorphology 1	DS	0906020216												
16	English language 3, or	DC	0906020219	1				1	VP						
17	French language 3	DC	0906020220												
18	German language 3	DC	0906020221												
19	General Agriculture and Horticulture 2, sau	DS	0906020217							2		1		2	VP
20	Geology and Geomorphology 2	DS	0906020218												
21	English language 4, or	DC	0906020222								1			1	VP
22	French language 4	DC	0906020223												
23	German language 4	DC	0906020224												
Total: hours/credits/week				3		1		4		2	1	1		1	
Total / year				26				30		28				28	

III.Facultative subjects

24	Physical Training 3	DC	0906020323		1			1	VP						
25	Web Design 1	DC	0906020325	2	2			5	E						
26	Physical Training 4	DC	0906020324								1			1	VP
27	Web Design 2	DC	0906020326							2	2			5	E

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CURRICULA
YEAR OF STUDY : III

2023-2027

I. Compulsory subjects

No.	Subject	Formative category*	Code	5st Semester (14 weeks)						6nd Semester (14 weeks)					
				No.hours/week						No.hours/week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr.	VF
1	Global Positioning Systems	DS	0906030101	2		2		4	E						
2	Geodetic Gravimetry	DD	0906030111	2		1		3	C						
3	Photogrammetry	DD	0906030103	2		1		4	E						
4	Cadastr 1	DD	0906030108	2		1		3	E						
5	GIS Spatial Analysis	DS	0906030112	2		2		4	E						
6	Cartography	DD	0906030106	2		2		4	C						
7	Territorial organization and ecology	DD	0906030105	2		2		4	C						
8	Spatial Planning and Urbanism	DD	0906030114	2	1			4	C						
9	Engineering Surveying 1	DD	0906030102							2		2		4	E
10	Stereophotogrammetry and Photointerpretation	DS	0906030104							2		2		4	E
11	Cartographic Projections	DS	0906030107							2		2		4	E
12	Cadastr 2	DD	0906030109							2		2		4	E
13	Cadastr (project)	DD	0906030110										2	3	P
14	Land improvements 1	DS	0906030113							2		2		3	E
15	Global Positioning Systems - Practice	DS	0906030115							3 week				4	C
Total: hours/credits/week				16	1	11	0	30		10	0	10	2	26	

II.Optional subjects

16	WebGIS	DS	0906030216							2		1		2	C
17	Hidrology	DS	0906030217												
18	Communication, or	DC	0906030218							2	1			2	VP
19	Career Guidance	DC	0906030219												
Total: hours/credits/week										4	1	1	0	4	
Total / year				28				30		28				30	

III.Facultative subjects

20	Driving licence school 1	DC	0906030320	1		1		2	VP						
21	Marketing	DC	0906030321	1		1		3	C						
22	Driving licence school 2	DC	0906030322							1		1		2	VP
23	Entrepreneurship 1	DC	0906030323							2	2			3	E

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CURRICULA
YEAR OF STUDY : IV

2023-2027

I. Compulsory subjects

No.	Subject	Formative category*	Code	7st Semester (14 weeks)						8nd Semester (10weeks)					
				No.hours/week						No.hours/week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr.	VF
1	Remote Sensing	DS	0906040101	2		2		4	E						
2	Engineering Surveying 2	DD	0906040102	2		2		4	E						
3	Engineering Surveying - project	DD	0906040103				2	3	P						
4	Underground Measurements	DS	0906040104	2		2		4	E						
5	Automatic processing of geodetic data	DS	0906040106	2		1		4	C						
6	Informatic Systems Applied in Cadastre	DS	0906040108	2		1		4	C						
7	Land improvements 2	DS	0906040105	2		1		3	C						
8	Digital Cartography	DS	0906040109	2		2		4	E						
9	Land and Cadastral Legislation	DS	0906040110							2	1			3	E
10	Management	DD	0906040111							2	2			4	E
11	Land and Buildings Monitoring	DS	0906040112							2		2		4	E
12	Real Estate Appraisal	DS	0906040113							2		2		4	E
13	Preparing the Diploma Project	DS	0906040107									4		4	C
14	Diploma Project Practice	DS	0906040114							4 week				4	VP
Total: hours/credits/week				14	0	11	2	30		8	3	8		23	

II.Optional subjects

15	Processing and optimization of geodetic networks	DS	0906040219							2		1		3	E
16	Spatial Geodetic Technologies	DS	0906040220												
17	Digital Photogrammetry	DS	0906040215							2		1		2	C
18	Sensors - Measurement and processing technique	DS	0906040216												
19	Organizing the Geodetic Works	DS	0906040217							2		1		2	C
20	Forest Management Plainnig	DS	0906040218												
Total: hours/credits/week				0		0		0		6		3		7	
Total / year				27				30		28				30	

III.Facultative subjects

21	Business Accounting	DC	0906040319	2		2		3	C						
22	Entrepreneurship 2	DC	0906040320	2	2		2	5	E						
23	Entrepreneurship 3	DC	0906040321							1	2			2	E
24	Final Bachelor Exam		0906040322											10	A/R

DF - formare fundamentala FF - fundamental formation

DD - formare in domeniu DF - domain formation

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DS - formare de specialitate SF - speciality formation

DC - formare complementara DC - formare complementara

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FO - formation according to university's op

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