

CURRICULA 2017-2021
 YEAR OF STUDY : 1

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	Linear Algebra, Analytic and Differential Geometry	FF	0207010101	2	2			4	E						
2	Mathematical Analysis 1	FF	0207010102	2	2			4	E						
3	Mathematical Analysis 2	FF	0207010103							2	2			4	E
4	Physics	FF	0207010104	2		1		4	E						
5	Descriptive Geometry	FF	0207010105	2		1		4	VP						
6	General Hydrography and Hydrology	DF	0207010125							2		1		4	E
7	General Surveying 1	DF	0207010106	2		2		4	E						
8	General Surveying 2	DF	0207010107							2		2		4	E
9	Topography - project	DF	0207010108										2	2	P
10	Geodetic Instruments and Measurement Methods	DF	0207010109							2		2		4	E
11	Computer's usage and programming 1	FF	0207010110	2		2		4	C						
12	Computer's usage and programming 2	FF	0207010111							2		2		4	E
13	Topographic Drawing and Infographics 1	DF	0207010112	2		1		3	E						
14	Topographic Drawing and Infographics 2	DF	0207010113									2		2	E
15	Physical Training 1	CF	0207010114			1		2	VP						
16	Physical Training 2	CF	0207010115									1		1	VP
17	Topography - practice 1	DF	0207010116							2 weeks				2	C
Total: hours/credits/week				14	4	8	0	29		10	2	10	2	27	

II.Optional subjects

18	Modern languages - English 1, or	FC	0207010217	1				1	VP						
19	Modern languages - French 1	FC	0207010218												-
20	Modern languages - English 2, or	FC	0207010219								1			1	VP
21	Modern languages - French 2	FC	0207010220												
22	Philosophy, or	FC	0207010221							1	1			2	VP
23	Sociology	FC	0207010222												
Total: hours/credits/week				1	0			1		1	2	0	0	3	
Total / year				27				30		27				30	

III.Facultative subjects

24	Psychology of Education	FC	0207010323	2	2			5	E						
25	Pedagogy 1	FC	0207010324							2	2			5	E

Academic Vice-Rector,
 Professor Bogdan GEORGESCU, PhD

DEAN,
 Professor Viorel MITRE, PhD

Head of Department,
 Professor Florica MATEI, PhD

CURRICULA
 YEAR OF STUDY : 2

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	Numerical Analysis	FF	0207020101	2	2			5	E						
2	Advanced Mathematics	FF	0207020102							2	2			4	E
3	Adjustement of Measurements and Statistics 1	SF	0207020103	2		2		4	E						
4	Adjustement of Measurements and Statistics 2	SF	0207020104							2		2		4	E
5	Topography 3	DF	0207020105	2		2		4	E						
6	Ellipsoidal Geodesy	DF	0207020106	2		2		5	E						
7	Mathematical Geodesy	DF	0207020107							2		2		4	E
8	Geodesy - project	DF	0207020108										2	3	P
9	Geodetic Measurements Through Electromagnetic Waves	DF	0207020109							2		2		4	E
10	Soil science	FO	0207020110	2		2		4	C						
11	Cadastral Evaluation Marks	FO	0207020111							2		1		3	E
12	Civil, Industrial and Agricultural Constructions	DF	0207020112	2		1		4	VP						
13	Geodetic Astronomy	SF	0207020113							2		2		3	C
14	Surveying and Geodesy Practice 2	DF	0207020114							3 weeks				3	C
<i>Total: hours/credits/week</i>				12	2	9		26		12	2	9	2	28	

II.Optional subjects

15	General Agriculture and Horticulture 1, or	DO	0207020215												
16	Geology and Geomorphology 1	SF	0207020216	2		1		3	VP						
17	General Agriculture and Horticulture 2, sau	DO	0207020217												
18	Geology and Geomorphology 2	SF	0207020218							2		1		2	VP
19	Modern languages - English 3, or	DC	0207020219	1				1	VP						
20	Modern languages - French 3	DC	0207020220												
<i>Total: hours/credits/week</i>				3	0	1		4		2	0	1		2	
<i>Total / year</i>				27				30		28				30	

III.Facultative subjects

21	Modern languages - English 4, or	DC	0207020321								1			1	VP
22	Modern languages - French 4	DC	0207020322								1			1	VP
23	Physical Training 3	CF	0207020323		1			1	VP						
24	Physical Training 4	CF	0207020324								1			1	VP
25	Pedagogy II	CF	0207020325	2	2			5	E						
26	Didactic of Speciality	CF	0207020326							2	2			5	E

CURRICULA
 YEAR OF STUDY : 3

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	Satellite Geodesy	SF	0207030101	2		2		4	E						
2	Engineering Topography 1	DF	0207030102							2		2		4	E
3	Photogrammetry and photointerpretation 1	DF	0207030103	2		1		4	E						
4	Photogrammetry and photointerpretation 2	DF	0207030104							2		2		4	E
5	Environmental and Land Planning	DF	0207030105	2		2		4	C						
7	Mathematical Cartography 1	DF	0207030106	2		2		4	C						
6	Cartographic Projections	SF	0207030107							2		2		4	E
8	Cadastré 1	DF	0207030108	2		1		3	E						
9	Cadastré 2	DF	0207030109							2		2		4	E
10	Cadastré (project)	DF	0207030110										2	3	P
11	Physical Geodesy	DF	0207030111	2		1		3	C						
12	Geographic Information System 1	DF	0207030112	2		2		4	E						
13	Land improvements	FO	0207030113							2		2		3	E
14	Spatial Planning and Urbanism	DF	0207030114	2	1			4	C						
15	Engineering Surveying and Geodesy Practice	SF	0207030115							3 weeks				4	C
ore/cr	<i>Total: hours/credits/week</i>				1	11	0	30		10	0	10	2	26	

II.Optional subjects

16	Geographic Information System 2, or	DF	0207030216							2		1		2	C
17	Communication Paths	DF	0207030217												
18	Communication, or	CF	0207030218							2	1			2	VP
19	Career Guidance	CF	0207030219												
<i>Total:</i>				0	0	0	0	0		4	1	1	0	4	
Total				12			30			28			30		

III.Facultative subjects

20	Driving licence school 1	FO	0207030320	1		1		1	VP						
21	Driving licence school 2	FO	0207030321							1		1		1	VP
22	Computer assisted	CF	0207030322	1	1			2	C						
23	Pedagogical Practice 1	CF	0207030323			3		3	C						
24	Classroom management	CF	0207030324							1	1			3	E
25	Pedagogical Practice 2	CF	0207030325									3		2	C

CURRICULA
 YEAR OF STUDY : 4

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	Remote Sensing	SF	0207040101	2		2		4	E						
2	Engineering Topography 2	DF	0207040102	2		2		4	E						
3	Engineering Topography - project	SF	0207040103				2	3	P						
4	Measurements of Underground	SF	0207040104	2		2		4	E						
5	Hydro-technical constructions	DF	0207040105	2		1		4	C						
6	Automation, geospatial data measurement and processing techniques 1	SF	0207040106	2		2		4	C						
7	Automation, geospatial data measurement and processing techniques 2	SF	0207040107							2		2		4	E
8	Cadastral informational systems	DF	0207040108	2		1		4	C						
9	Digital Cartography	SF	0207040109	2		2		3	E						
10	Land and Cadastral Legislation	SF	0207040110							2	2			4	E
11	Cadastral Management	DF	0207040111							2	2			4	E
12	Terrain and Construction Monitorization	SF	0207040112							2		2		4	E
13	Real Estate Appraisal	SF	0207040113							2		2		4	E
14	Practice - Diploma Paper	SF	0207040114							4 weeks				4	VP
15	Preparing the Diploma Exam		0207040120											4	A/R
Total: hours/credits/week				14	0	12	2	30		10	4	6		28	

II.Optional subjects

16	Engineering Photogrammetry, sau	DF	0207040215												
17	Applications of remote sensing in agriculture	SF	0207040216							2		1		1	C
18	Organization Cadastral Works	SF	0207040217							2		1		1	C
19	Forest Management	DO	0207040218												
Total: hours/credits/week				0		0		0		4		2		2	
Total / an				28				30		26				30	

III.Facultative subjects

20	Business Accounting	CF	0207040319	2		2		3	C						
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IV.Discipline suplimentare

20	Diploma Exam		0207040401											10	A/R
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FF - fundamental formation 17%

DF - domain formation 38%

SF - speciality formation 25%

CF - complementary formation 8%

FO - formation according to university's option 12%

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