

Domeniul fundamental de ierarhizare (DFI): **Științe ingineresti**
Ramura de știință (RSI): **Inginerie civila**
Domeniul de ierarhizare (DII): **Inginerie civila și instalații**
Domeniul de licență (DL): **Inginerie civila**

Cod DFI.Cod RSI.Cod DII.Cod DL
20.10.10.60

CURRICULUM
Academic year 2013/2014

		1st YEAR				2nd YEAR																																						
		1st SEMESTER		2nd SEMESTER		3rd SEMESTER		4th SEMESTER																																				
1.	Mathematics1	E	4	28	28	0	0	DF	60	1.	Mechanics of Materials1	E	5	28	28	0	0	DD	50	2.	Mechanics of Materials2	E	5	28	28	14	0	0	DD	60														
	Mathematics2	E	4	28	28	0	0	DF	60		Mathematics3	E	4	28	28	0	0	DF	60		Mathematics4	E	4	28	14	0	0	DF	60	Electrical Eng. Fundamentals and Introduction in Thermodynamics	D	3	28	14	0	0	DD	50	Microeconomics	D	4	28	28	0
2.	Surveying (Geodesy)	E	4	28	0	28	0	DF	60	3.	Material Science1	E	4	28	0	28	0	DD	60	3.	Fluid Mechanics and Machines	E	4	28	14	14	0	DD	50	4.	Basis of Structural Design	E	4	28	0	0	28	DS	60					
	General Chemistry	E	5	28	0	28	0	DF	60		Mechanics	E	4	28	0	28	0	DD	60		Material Science II (Building Materials)	E	4	28	0	28	0	DS	60		Introduction to Environmental Engineering	D	2	28	0	0	0	DD	42					
3.	Introduction to Computer Programming	D	4	28	0	28	0	DF	60	4.	Physics	E	5	42	14	14	0	DF	60	4.	Engineering Geology	E	3	28	0	14	0	DD	60	5.	Building Physics	E	4	28	14	14	0	0	DD	60				
	Culture and Civilization	D	2	14	14	0	0	DF	42		Applied Computer Programming	D	4	28	0	28	0	DF	42		Engineering Graphics	D	4	28	0	28	0	DD	60		Structural Analysis 1	E	4	28	28	0	0	DD	60					
4.	Second language1	D	2	0	28	0	0	DC	42	5.	Second language2	D	2	0	28	0	0	DC	42	5.	Architecture for Engineers	D	2	28	0	0	0	DD	60	6.	Highway and Traffic Engineering	D	2	14	14	0	0	DD	28					
	Sport1	D	1	0	14	0	0	DC	28		Sport2	D	1	0	14	0	0	DC	42		Second language3	D	2	0	28	0	0	DC	42		Engineering Ethics and Communication	D	2	14	14	0	0	DC	28					
5.	Experimental data processing	D	2	14	0	14	0	DD	28	6.	Practical training (45 hours)	D	2	0	0	0	0	DD	28	6.	Sport3	D	1	0	14	0	0	DC	28	7.	Sport4	D	1	0	14	0	0	DC	28					
	Practical training (45 hours)	C	2	0	0	0	0	DD	28		Practical training (45 hours)	C	2	0	0	0	0	DD	28		Practical training (45 hours)	C	2	0	0	0	0	DD	28															
total / semester	hours:	378	VPI		412	hours:	392	VPI		222	total / semester	hours:	378	VPI		210	hours:	392	VPI		190																							
	credits:	30	evaluations:4E, 5		9	credits:	30	evaluations: 5E, 3D, 1C		9	credits:	30	evaluations:4E, 5D, 1C		10	credits:	30	evaluations:4E, 5		10																								
total / week	hours:	27				hours:	28				total / week	hours:	27				hours:	28																										
	distribution:	12	8	7	0	(c, s, l, p)	distribution:	13	7	8	0	(c, s, l, p)	distribution:	14	7	6	0	(c, s, l, p)	distribution:	14	10	2	2	(c, s, l, p)																				

RECTOR,
Prof.dr.Ing. Viorel-Aurel ȘERBAN

OPTIONAL SUBJECTS I (Program of psychopedagogical study)

1st YEAR

2nd YEAR

		1st SEMESTER						2nd SEMESTER						3rd SEMESTER						4th SEMESTER																	
1.	Education psychology	E	5	28	28	0	0	DF	60	Pedagogy I (Basic pedagogy; Theory and methodology of curriculum)	E	5	28	28	0	0	DF	60	1.	Pedagogy II (Theory and methodology of training; Theory and methodology of evaluation)	E	5	28	28	0	0	DS	60	Didactics of speciality	E	5	28	28	0	0	DF	60
total / semester	hours:	56				VPI		60	hours:	56				VPI		60	total / semester	hours:	112				VPI		120	hours:	112				VPI		120				
	credits:	5				Evaluations:		1	credits:	5				Evaluations: 1E		1	credits:	10				Evaluations:		2	credits:	10				Evaluations:		2					
total / week	hours:	4						(c, s, l, p)	hours:	4						(c, s, l, p)	total / week	hours:	8						(c, s, l, p)	hours:	8						(c, s, l, p)				
	distribution:	2	2	0	0				distribution:	2	2	0	0				distribution:	4	4	0	0			distribution:		4	4	0	0								

* The subjects entitled "Education psychology" and "Pedagogy I" shall be chosen only by the students who did not attend these during the first year.

Tabel Structure		Name of the Subject					
FE	nc	c	s	l	p	CF	VPI

CF may become : DC, DD, DF, DS
FE may become : C, D, E, P-D, P-E

c - course
 C - colocvium (form of evaluation devoted exclusively to subject)
 CF - formativ cathegory to which the subject belongs
 D - distributed evaluation
 DC - complementary subject
 DD - subject in the field
 DF - fundamental subject
 DS - speciality subject

(*) - optional subjects activated in academic year 2013 / 2014

Example		Mathematics1					
E	4	28	28	0	0	DF	60

E - exam
 FE - forms of evaluation
 l - laboratory
 nc - number of credits
 p - project
 P - D - autonomous project with examination similar to subjects with distributed examination
 P - E - autonomous project with examination similar to subjects with exam
 s - seminary
 VPI - number of hours necessary to individual preparation

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