

CURRICULUM
Academic year 2011/2012

	1st YEAR												2nd YEAR																				
	1st SEMESTER						2nd SEMESTER						3rd SEMESTER						4th SEMESTER														
1.	Mathematics1						Mathematics3						1.	Mechanics of Materials1						Mechanics of Materials2													
	E	4	28	28	0	0	DF	60	E	4	28	28	0	0	DF	60	E	5	28	28	0	0	DD	50	E	5	28	28	14	0	DD	60	
2.	Mathematics2						Mathematics4						2.	Electrical Eng. Fundamentals and Introduction in Thermodynamics						Microeconomics													
	E	4	28	28	0	0	DF	60	E	4	28	14	14	0	DF	60	D	3	28	14	0	0	DD	50	D	4	28	28	0	0	DF	42	
3.	Surveying (Geodesy)						Material Science1						3.	Fluid Mechanics and Machines						Building Engineering Fundamentals													
	E	4	28	0	28	0	DF	60	E	4	28	0	28	0	DD	60	E	4	28	14	14	0	DD	50	E	4	28	0	0	28	DS	60	
4.	General Chemistry						Mechanics						4.	Material Science II (Building Materials)						Introduction to Environmental Engineering													
	E	5	28	0	28	0	DF	60	E	4	28	0	28	0	DD	60	E	4	28	0	28	0	DS	60	D	2	28	0	0	0	DD	42	
5.	Introduction to Computer Programming						Physics						5.	Engineering Geology						Building Physics													
	D	4	28	0	28	0	DF	60	E	5	42	14	14	0	DF	60	E	3	28	0	14	0	DD	60	E	4	28	14	14	0	DD	60	
6.	Culture and Civilization						Applied Computer Programming						6.	Engineering Graphics						Structural Analysis 1													
	D	3	28	28	0	0	DF	42	D	4	28	0	28	0	DF	42	D	4	28	0	28	0	DD	60	E	4	28	28	0	0	DD	60	
7.	Second language1						Second language2						7.	Architecture for Engineers						Highway and Traffic Engineering													
	D	2	0	28	0	0	DC	42	D	2	0	28	0	0	DC	42	D	2	28	0	0	0	DD	60	D	2	14	14	0	0	DD	28	
8.	Sport1						Sport2						8.	Second language3						Engineering Ethics and Communication													
	D	1	0	14	0	0	DC	28	D	1	0	14	0	0	DC	42	D	2	0	28	0	0	DC	42	D	2	14	14	0	0	DC	28	
9.	Experimental data processing						Internship (45 hours)						9.	Sport3						Sport4													
	D	2	14	0	14	0	DD	28	D	2	0	0	0	0	DD	28	D	1	0	14	0	0	DC	28	D	1	0	14	0	0	DC	28	
10.	Internship (45 hours)												10.	Internship (45 hours)						Internship (45 hours)													
	C	2	0	0	0	0	DD	28									C	2					DD	28	C	2						DD	28
total / semester	hours:	378		VPI		412		hours:	364		VPI		222		total / semester	hours:	350		VPI		210		hours:	364		VPI		190					
	credits:	31		evaluations:4E, 4		9		credits:	30		evaluations:4E, 5D, 1C		10			credits:	30		evaluations:5E, 4D, 1C		10		credits:	30		evaluations:4E, 5D, 1C		10					
total / week	hours:	29						hours:	28						total / week	hours:	27						hours:	28									
	distribution:	13	9	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)					

OPTIONAL SUBJECTS I (Program of psychopedagogical study)

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

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

Legend															
Tabel Structure						Example									
Name of the Subject															
FE	nc	c	s	l	p	CF	VPI	E	4	28	28	0	0	DF	60
<p>CF may become : DC, DD, DF, DS</p> <p>FE may become : C, D, E, P-D, P-E</p> <p>c - course C - colocvium (form of evaluation devoted exclusively to subject) CF - formativ category to which the subject belongs D - distribued evaluation DC - complementary subject DD - subject in the field DF - fundamental subject DS - speciality subject</p> <p>(*) -optional subjects activated in academic year 2011 / 2012</p>															
<p>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</p>															

RECTOR,
Prof.dr.Ing. Nicolae ROBU