

CURRICULUM
 Academic year 2010/2011

		1st YEAR				2nd SEMESTER						2nd YEAR				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	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	0	DF	60	D	3	28	14	0	0	0	DD	50	D	4	28	28	0	0	0
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	0	DD	60	E	4	28	14	14	0	0	DD	50	E	4	28	0	0	28	DS
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	0	DD	60	E	4	28	0	28	0	0	DS	60	D	2	28	0	0	0	0
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	0	DF	60	E	3	28	0	14	0	0	DD	60	E	4	28	14	14	0	0
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	0	DF	42	D	4	28	0	28	0	0	DD	60	E	4	28	28	0	0	0
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	0	DC	42	D	2	28	0	0	0	0	DD	60	D	2	14	14	0	0	0
8.	Sport1				Sport2				8.	Second language3				Engineering Ethics and Communication																				
	D	1	0	14	0	0	DC	28		D	1	0	14	0	0	0	DC	28	D	2	0	28	0	0	0	DC	42	D	2	14	14	0	0	0
9.	Experimental data processing				Internship (45 hours)				9.	Sport3				Sport4																				
	D	2	14	0	14	0	DD	28		D	2	0	0	0	0	0	DD	28	D	1	0	14	0	0	0	DC	28	D	1	0	14	0	0	0
10.	Internship (45 hours)				Internship (45 hours)				10.	Internship (45 hours)				Internship (45 hours)																				
	C	2	0	0	0	0	DD	28		C	2	0	0	0	0	0	DD	28	C	2	0	0	0	0	0	DD	28	C	2	0	0	0	0	0
total / semester	hours:	378			VPI	412			hours:	364			VPI	222			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, 4D, 1C	10				
total / week	hours:	29			hours:	28			hours:	27			hours:	28			hours:	27			hours:	28			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)	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:						4	hours:						4	total / week	hours:	8					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	Mathematics1					
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 cathegory 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 2010 / 2011</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