"Politehnica" University from Timişoara
Civil Engineering Faculty
International "Politehnica" - Civil Engineering
Domain: Civil Engineering

CURRICULUM

1st YEAR

	1st SEMESTER										2nd SEMESTER									
1.	Mathematics1										Mathematics3									
	E	4	28	28	0	0	DF	60			E	4	28	14	0	0	DF	60		
2.	Mathematics2										Mathematics4									
	E	4	28	28	0	0	DF	60			E	3	28	14	0	0	DF	60		
3.	Physics										Material Science1									
	E	5	28	14	14	0	DF	60			E	4	28	0	28	0	DD	60		
4.	General Chemistry										Mechanics									
	E	5	28	0	28	0	DF	60			E	4	28	0	28	0	DD	60		
5.	Introduction to Computer Programming										Engineering Graphics									
	D	4	28	0	28	0	DF	60			D	4	28	0	28	0	DF	42		
6.	Culture and Civilization										Applied Computer Programming									
	D	3	28	28	0	0	DF	42			D	4	28	0	28	0	DF	42		
7.	Second language1										Experimental Data Processing									
	D	2	0	28	0	0	DC	42			D	2	14	14	0	0	DD	42		
8.	Sport1										Second language2									
	D	1	0	14	0	0	DC	28			D	2	0	28	0	0	DC	42		
9.	Internship (45 hours)										Sport2									
	C	2	0	0	0	0	DD	28			D	1	0	14	0	0	DC	28		
10.											Internship (45 hours)									
											C	2					DD	28		
total / semester	hours:	350			VPI			412			hours:	350			VPI			222		
	credits:	30			evaluations:4E, 4			9			credits:	30			evaluations:4E, 5D, 1C			10		
total / week	hours:	27									hours:	27								
	distribution:	12	10	5	0			(c, s, l, p)			distribution:	13	6	8	0			(c, s, l, p)		

2nd YEAR

	3rd SEMESTER										4th SEMESTER									
1.	Mechanics of Materials1										Mechanics of Materials2									
	E	5	28	28	0	0	DD	50			E	5	28	28	14	0	DD	60		
2.	Electrical Eng. Fundamentals and Introduction in Thermodynamics										Microeconomics									
	D	3	28	14	0	0	DD	50			D	4	28	28	0	0	DF	42		
3.	Fluid Mechanics and Machines										Building Engineering Fundamentals									
	E	4	28	14	14	0	DD	50			E	4	28	0	0	28	DS	60		
4.	Material Science II (Building Materials)										Introduction to Environmental Engineering									
	E	4	28	0	28	0	DS	60			D	2	28	0	0	0	DD	42		
5.	Engineering Geology										Building Physics									
	E	3	28	0	14	0	DD	60			E	4	28	14	14	0	DD	60		
6.	Surveying (Geodesy)										Structural Analysis 1									
	E	4	28	0	28	0	DD	60			E	4	28	28	0	0	DD	60		
7.	Architecture for Engineers										Highway and Traffic Engineering									
	D	2	28	0	0	0	DD	60			D	2	14	14	0	0	DD	28		
8.	Second language3										Engineering Ethics and Communication									
	D	2	0	28	0	0	DC	42			D	2	14	14	0	0	DC	28		
9.	Sport3										Sport4									
	D	1	0	14	0	0	DC	28			D	1	0	14	0	0	DC	28		
10.	Internship (45 hours)										Internship (45 hours)									
	C	2					DD	28			C	2					DD	28		
total / semester	hours:	350			VPI			210			hours:	364			VPI			190		
	credits:	30			evaluations:5E, 4D, 1C			10			credits:	30			evaluations:4E, 5			10		
total / week	hours:	27									hours:	28								
	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

1st SEMESTER										2nd SEMESTER									
1.	Education psychology									1.	Pedagogy I (Basic pedagogy; Teory and methodology of curriculum)								
	E	5	28	28	0	0	DF	60		E	5	28	28	0	0	DF	60		
total / semester	hours:		56				VPI	60		total / semester	hours:		56				VPI	60	
	credits:		5				Evaluations:	1			credits:		5				Evaluations: 1E	1	
total / week	hours:									total / week	hours:		4						
	distribution:		2	2	0	0		(c, s, l, p)			distribution:		2	2	0	0		(c, s, l, p)	

2nd YEAR

3rd SEMESTER										4th SEMESTER									
1.	Pedagogy II (Teory and metodology of training; Teoriy and metodology of evaluation)									1.	Didactics of speciality								
	E	5	28	28	0	0	DS	60			E	5	28	28	0	0	DF	60	
2.	Education psychology *									2.	Pedagogy I* (Basic pedagogy; Teory and metodology of curriculum)								
	E	5	28	28	0	0	DF	60			E	5	28	28	0	0	DF	60	
total / semester	hours:		112				VPI	120		total / semester	hours:		112				VPI	120	
	credits:		10				Evaluations:	2			credits:		10				Evaluations	2	
total / week	hours:		8							total / week	hours:		8						
	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 theese during the first year.

Legend:

c - course
C - colocvium (evaluation form exclusively devoted to subject
CF - formation cathegory to which the subject belongs
D - distributed evaluation
E - exam
DF = Fundamental S
DD = Subject in the Field
DS = Specialty Subject
DC = Complementary Subject

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

Tabel Structure

Name of the subject							
FE	nc	c	s	l	p	CF	VPI

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

Example

Mathematics2							
E	4	28	28	0	0	DF	60

RECTOR,
Prof.dr.ing. Nicolae ROBU