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

Domeniul fundamental de ierarhizare (DFI): **Stiinte ingineresti**
Ramura de stiinta (RSI): **Inginerie civila**
Domeniul de ierarhizare (DII): **Inginerie civila si instalatii**
Domeniul de licenta (DL): **Inginerie civila**
Specializarea (S): **Inginerie civila**

Cod DFI.Cod RSI.Cod DII.Cod
20.10.10.60.80

CURRICULUM
Academic year 2012/2013

3rd YEAR

	5th SEMESTER								6th SEMESTER							
1.	Structural Analysis 2								Dynamics and Earthquake Engineering							
	E	5	28	28	0	0	DD	36	E	4	28	0	28	0	DS	36
2.	Concrete 1								Concrete 2							
	E	5	35	0	35	0	DS	36	E	5	35	0	0	35	DS	36
3.	Metal constructions 1								Metal Constructions 2							
	E	5	35	0	35	0	DS	36	E	4	28	0	0	28	DS	36
4.	Foundations								Buildings 1							
	E	5	35	0	0	35	DS	36	E	4	28	0	0	28	DS	36
5.	Optional 1 Timber Structures								Technology 1							
	D	3	28	0	0	14	DS	36	D	4	28	0	0	28	DS	36
6.	Soil and rock mechanics								Introduction to FEA							
	D	3	28	14	0	0	DD	30	D	3	28	0	14	0	DD	30
7.	Marketing and Building legislation								Management							
	D	2	14	14	0	0	DF	14	D	2	14	14	0	0	DD	14
8.	Practical training (45 hours)								Building Services							
	C	2	0	0	0	0	DD	28	D	2	14	14	0	0	DD	28
9.									Practical training(45 hours)							
									C	2	0	0	0	0	DD	28
total / semester	hours:	378	VPI					**224**	hours:	392	VPI					**224**
	credits:	**30**	evaluations:4E, 3D, 1C					**8**	credits:	**30**	evaluations:4E, 4D, 1C					**9**
total / week	hours:	**28**							hours:	**29**						
	distribution:	15	4	5	4			(c, s, l, p)	distribution:	15	2	3	9			(c, s, l, p)

4th YEAR

	7th SEMESTER								8th SEMESTER							
1.	Reinforced and prestressed concrete structures								Optional 4 (One subject of Package 1 or 2)							
	E	5	35	0	0	35	DS	32	E	3	28	0	0	14	DD	30
2.	Metal structures								Optional 5 - Composite Steel Concrete Structures							
	E	4	28	0	0	28	DS	32	E	4	28	0	0	28	DS	30
3.	Buildings II								Technology 2							
	E	4	28	0	0	28	DS	32	E	5	42	0	0	14	DS	30
4.	Management of Constructions and Building Sites								Optional 6 (One subject of package 1)							
	E	5	28	0	28	0	DS	32	E	3	14	0	0	14	DS	30
5.	Optional 2 (First subject of Package 1 or 2) (STR)Special R.C. Structures // (MT) High Performance concrete and composites								Diploma Work(**)							
	D	5	28	0	0	28	DD	30	D	5	0	0	0	182	DS	104
6.	Optional 3 (Second subject of Package 1 or 2) (STR) Special Metal Structures // (MT) Structural glass								Defence of diploma work (***)							
	D	5	28	0	0	28	DD	30	E	10						
7.	Building Services															
	D	2	14	14	0	0	DS	22								
8.																
9.																
total / semester	hours:	**378**	VPI					**210**	hours:	364	VPI					**224**
	credits:	**30**	evaluations:4E, 3D					**7**	credits:	**30**	valuations: 5E, 1					**6**
total / week	hours:	**27**							hours:	**26**						
	distribution:	13,5	1	2	11			(c, s, l, p)	distribution:	8	0	0	18			(c, s, l, p)

Optional Course Names

3rd YEAR | **4th YEAR**

	5th SEMESTER								6th SEMESTER								7th SEMESTER								8th SEMESTER							
1.	Optional 1 Timber structures *																Optional 1,2 Package 1 - Structures Special R.C. Structures								Optional 4 Package 1 - Structures Bridges							
	D	3	28	0	0	14	DS	36									D	5	28	0	0	28	DD	60	E	3	28	0	0	14	DS	42
2.	Optional 1 Timber Bridges																Optional 1,2 Package 1 - Structures Special Metal Structures								Optional 4 Package 1 - Structures Masonry and Local Materials Structures							
	D	3	28	0	0	14	DS	36									D	5	28	0	0	28	DD	60	E	3	28	0	0	14	DS	42
3.																	Optional 1,2 Package 2 - Materials and Technologies High Performance concrete and Composites								Optional 4 Package 2 - Materials and Technologies Materials and Technologies for Sustainable Buildings							
																	D	5	28	0	0	28	DD	60	E	3	28	0	0	14	DD	42
4.																	Optional 1,2 Package 2 - Materials and Technologies Structural Glass								Optional 4 Package 2 - Materials and Technologies Technology for steel and Composite Structures							
																	D	5	28	0	0	28	DD	60	E	3	28	0	0	14	DD	42
5.																									Optional 5 - Composite Steel Concrete Structures *							
																									E	4	28	0	0	28	DS	30
6.																									Optional 5 - Steel Concrete Composite Bridges							
																									E	4	28	0	0	28	DS	30
7.																									Optional 6 Special Techniques in foundation engineering							
																									E	3	14	0	0	14	DS	28
8.																									Optional 6 Sanitary and Sewage							
																									E	3	14	0	0	14	DS	28
9.																																
total / semester	hours:	364							hours:	0							total / semester	hours:	0						hours:	0						
	credits:	6					No.of evaluations: 8		credits:	0					No. of evaluations: 8			credits:	20						credits:	26						
total / week	hours:	6							hours:	0							total / week	hours:	16						hours:	336						
	distribution:	4	0	0	2		(c, s, l, p)		distribution:	0	0	0	0		(c, s, l, p)			distribution:	8	0	0	8		(c, s, l, p)	distribution:	14	0	0	10		(c, s, l, p)	

Legend

Tabel Structure

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

Example

Metal constructions 1							
E	5	35	0	35	0	DS	36

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 - distribued evaluation
DC - complementary subject
DD - subject in the field
DF - fundamental subject
DS - specialty subject

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 undividual preparation

(*) -optional subjects activated in academic year 2012 / 2013
(**) - of which 2 weeks x 26 hours Internship
(***) - checking on fundamental and specialty knowledge following presentation

RECTOR,
Prof.dr.ing. Viorel-Aurel SERBAN