Faculty of Civil Engineering
Major: Civil Engineering Specialisation: Building Structures
Full-time MSc programme

		Number of hours	ECTS							semesters																			
										I							II							III					
				w	c	l	k	p	s	w	c	l	k	p	s	E	w	c	l	k	p	s	E	w	c	l	k	p	s	E
B	**Basic courses**	**30**	**3**	**15**	**0**	**0**	**15**	**0**	**0**	**15**			**15**			**3**														
1	Mathematics II (in Civil Engineering)	**30**	**3**	**15**	**0**	**0**	**15**	**0**	**0**	15	0	0	15	0	0	**3**														
C	**Major courses**	**270**	**22**	**150**	**0**	**30**	**15**	**75**	**0**	**135**		**30**	**15**	**60**		**19**								**15**				**15**		**3**
2	Strength of Materials II	**30**	**3**	**15**	**0**	**15**	**0**	**0**	**0**	15	0	15	0	0	0	**3E**														
3	Advanced Structural Materials	**30**	**2**	**15**	**0**	**15**	**0**	**0**	**0**	15	0	15	0	0	0	**2**														
4	Structural Mechanics II	**30**	**3**	**15**	**0**	**0**	**0**	**15**	**0**	15	0	0	0	15	0	**3E**														
5	Theory of Elasticity and Plasticity	**45**	**2**	**30**	**0**	**0**	**0**	**15**	**0**	30	0	0	0	15	0	**2**														
6	Fundamentals of Design and Reliability	**15**	**1**	**15**	**0**	**0**	**0**	**0**	**0**	15	0	0	0	0	0	**1**														
7	Computer Methods in Civil Engineering	**30**	**2**	**15**	**0**	**0**	**15**	**0**	**0**	15	0	0	15	0	0	**2**														
8	Concrete Structures II	**30**	**3**	**15**	**0**	**0**	**0**	**15**	**0**	15	0	0	0	15	0	**3E**														
9	Metal Structures II	**30**	**3**	**15**	**0**	**0**	**0**	**15**	**0**	15	0	0	0	15	0	**3E**														
10	Management of Building Projects	**30**	**3**	**15**	**0**	**0**	**0**	**15**	**0**															15	0	0	0	15	0	**3E**
D	**Specialised courses**	**510**	**36**	**247**	**10**	**18**	**15**	**220**	**0**	**52**	**10**	**18**		**55**		**8**	**180**			**15**	**165**		**26**	**15**						**2**
11	Technology of Prefabrication	**30**	**1**	**0**	**10**	**10**	**0**	**10**	**0**	0	10	10	0	10	0	**1**														
12	Applications of Computer Science to Building Structures	**30**	**2**	**15**	**0**	**0**	**15**	**0**	**0**								15	0	0	15	0	0	**2**							
13	Structural Mechanics III (Dynamics of Structures)	**30**	**3**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**3E**							
14	Plate and Shell Structures	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**	15	0	0	0	15	0	**2**														
15	Fundamentals of Design and Reliability II	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**2**							
16	Principles of Low Energy Building	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**2E**							
17	Applied Building Acoustics	**15**	**1**	**7**	**0**	**8**	**0**	**0**	**0**	7	0	8	0	0	0	**1**														
18	Foundation II	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**	15	0	0	0	15	0	**2**														
19	Special Concrete Structures	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**2**							
20	Prestressed and Precast Concrete Structures II	**60**	**5**	**30**	**0**	**0**	**0**	**30**	**0**	15	0	0	0	15	0	**2**	15	0	0	0	15	0	**3E**							
21	Special Metal Structures	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**2**							
22	Timber Structures II	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**2**							
23	Selected Industrial Structures	**45**	**3**	**15**	**0**	**0**	**0**	**30**	**0**								15	0	0	0	30	0	**3**							
24	Bridges II	**45**	**3**	**30**	**0**	**0**	**0**	**15**	**0**								30	0	0	0	15	0	**3E**							
25	Durability of Structures	**15**	**2**	**15**	**0**	**0**	**0**	**0**	**0**															15	0	0	0	0	0	**2**
26	Environment Protection in Civil Engineering	**30**	**2**	**15**	**0**	**0**	**0**	**15**	**0**								15	0	0	0	15	0	**2**							
E	**Diploma-related courses**	**105**	**29**	**45**	**15**	**0**	**0**	**45**	**0**								**30**				**30**		**4**	**15**	**15**			**15**		**25**
27	Courses related to Diploma Projects	**90**	**8**	**45**	**0**	**0**	**0**	**45**	**0**								30	0	0	0	30	0	**4**	15	0	0	0	15	0	**4**
28	Diploma Seminar	**15**	**1**	**0**	**15**	**0**	**0**	**0**	**0**															0	15	0	0	0	0	**1**
29	Diploma Project	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**0**															0	0	0	0	0	0	**20**
				45	**15**	**0**	**0**	**45**	**0**	**202**	**10**	**48**	**30**	**115**		**30**	**210**			**15**	**195**		**30**	**45**	**15**			**30**		**30**
	Total	**915**	**90**	**915**						**405**							**420**							**90**						
	Exams			**9**						**4**							**4**							**1**						

Letter "E" next to ECTS number stands for exam.

w - lecture, c - auditorial excercises, l - laboratories, k - computer laboratories, p - project, s - seminar