PROGRAM STUDIÓW STACJONARNYCH II STOPNIA
CURRICULUM OF SECOND CYCLE CIVIL ENGINEERING STUDIES

Kierunek: Budownictwo — **Civil Engineering**

Specjalność: KBI — ***Building and Engineering Constructions***

No.	Subject / *Semester*	total	I							II							III							SUM				
B	**General subjects**	**30**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**
1	Mathematics II (in Civil Engineering)	30	1			1			3															15	0	0	15	0
C	**Professional subjects**	**270**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**
2	Strength of Materials II	30	1		1			E	3															15	0	15	0	0
3	Advanced Structural Materials	30	1		1				2															15	0	15	0	0
4	Structural Mechanics II	30	1				1	E	3															15	0	0	0	15
5	Theory of Elasticity and Plasticity	45	2				1		2															30	0	0	0	15
6	Foundations of Design and Reliability	15	1						1															15	0	0	0	0
7	Computer Methods in Civil Engineering	30	1			1			2															15	0	0	15	0
8	Concrete Structures II	30	1				1	E	3															15	0	0	0	15
9	Metal Structures II	30	1				1	E	3															15	0	0	0	15
10	Management of Building Companies	30															1				1	E	3	15	0	0	0	15
D	**Specialization subjects**	**510**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**
11	Technology of Prefabrication and Production of Building Materials	30		0,67	0,67		0,67		1															0	10	10	0	10
12	Applications of Computer Science to Building Structures	30								1			1			2								15	0	0	15	0
13	Structural Mechanics III (Dynamics of Structures)	30								1				1	E	3								15	0	0	0	15
14	Plate and Shell Structures	30	1				1		2															15	0	0	0	15
15	Foundations of Design and Reliability II	30								1				1		2								15	0	0	0	15
16	Principles of Low Energy Building	30								1				1	E	2								15	0	0	0	15
17	Applied Buildings Acoustic	15	0,47		0,53				1															7,05	0	7,95	0	0
18	Foundation II	30	1				1		2															15	0	0	0	15
19	Special Concrete Structures	30								1				1		2								15	0	0	0	15
20	Prestressed and Precast Concrete Structures II	60	1				1		2	1				1	E	3								30	0	0	0	30
21	Special Metal Structures	30								1				1		2								15	0	0	0	15
22	Timber structures II	30								1				1		2								15	0	0	0	15
23	Selected Industrial Structures	45								1				2		3								15	0	0	0	30
24	Bridges II	45								2				1	E	3								30	0	0	0	15
25	Durability of Structures	15															1						2	15	0	0	0	0
26	Environment Protection in Civil Engineering	30								1				1		2								15	0	0	0	15
E	**Subjects related to diploma**	**105**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**	**E**	**ECTS**	**L**	**C**	**La**	**Cl**	**P**
27	Elective Courses (Subjects Related to Diploma Projects) Concrete structures in fire situation	90								2				2		4	1				1		4	45	0	0	0	45
28	Diploma Seminar - Reinforced concrete structures	15																1					1	0	15	0	0	0
29	Master's Thesis	0																					20	0	0	0	0	0
	Number of hours in each study form:	***915***	**13,5**	**0,67**	**3,2**	**2**	**7,67**	**4**	**30**	**14**	**0**	**0**	**1**	**13**	**4**	**30**	**3**	**1**	**0**	**0**	**2**	**1**	**30**	**457**	**25**	**47,9**	**45**	**340**

L - Lecture (Wykłady)
C - Class exercise (Ćwiczenia)
P - Project (Projekty)
La - laboratory (Laboratoria)
Cl - computer lab. (Laboratoria komputerowe)
E - Exam (Egzamin)
Elective Courses:
Concrete structures in fire situation
Design of selected prestressed concrete structures
Calculation procedures for selected steel truss structures