Plan studiów II stopnia - studia stacjonarne

Uczelnia: Politechnika Śląska
Wydział: Budownictwa
Kierunek: Civil Engineering
Specjalność: **Structural Engineering**
Profil dyp.: Civil and Industrial Structures
Uwagi: Zatwierdzony przez Radę Wydziału 16.05.2018 r.

				s. I								s. II								s. III							
lp	nazwa	kod przedmiotu	liczba godzin	kod karty	ECTS	Egzamin	wykład	ćwiczenia	laboratorium	projekt	seminarium	kod karty	ECTS	Egzamin	wykład	ćwiczenia	laboratorium	projekt	seminarium	kod karty	ECTS	Egzamin	wykład	ćwiczenia	laboratorium	projekt	seminarium
I	**Przedmioty inne**	-	**150**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	Management Science	RB-S2-18-I03	30	RB-S2-18-I03-3	3	0	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Social Communication	RB-S2-18-I06	30	RB-S2-18-I06-6	3	0	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Second Foreign Language (not English)	RB-S2-18-I04	60	RB-S2-18-I04-4	2	0	-	-	30	-	-	RB-S2-18-I04-8	2	0	-	-	30	-	-	-	-	-	-	-	-	-	-
4	Sport	RB-S2-18-I09	30	RB-S2-18-I09-A	0	0	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	**Przedmioty wspólne**	-	**330**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Statistical Methods in Research	RB-S2-18-W01	30	RB-S2-18-W01-A	2	1	15	5	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Advanced Concrete Structures	RB-S2-18-W02	50	RB-S2-18-W02-B	6	0	27	4	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Advanced Steel Structures	RB-S2-18-W03	25	RB-S2-18-W03-C	2	0	13	1	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Mechanics of Materials and Structures	RB-S2-18-W15	60	RB-S2-18-W15-1D	3	0	20	-	5	5	-	RB-S2-18-W15-1E	2	0	20	-	5	5	-	-	-	-	-	-	-	-	-
9	Advanced Materials and Technologies in Construction	RB-S2-18-W24	30	RB-S2-18-W24-2	3	0	8	-	7	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Diagnostic in Construction	RB-S2-18-W04	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RB-S2-18-W04-D	5	0	15	-	45	-	-
11	Prawo budowlane, ochrona własności intelektualnej	RB-S2-18-W1F	15	-	-	-	-	-	-	-	-	RB-S2-18-W1F-9	1	0	8	1	-	-	6	-	-	-	-	-	-	-	-
12	Public Transport Infrastructure Facilities	RB-S2-18-W26	30	RB-S2-18-W26-4	3	0	15	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Advanced Geotechnical Problems	RB-S2-18-W17	30	RB-S2-18-W17-20	3	1	25	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	**Przedmioty specjalnościowe**	-	**630**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Advanced Concrete Structures	RB-S2-18-S04	20	-	-	-	-	-	-	-	-	RB-S2-18-S04-6	2	0	6	-	-	14	-	-	-	-	-	-	-	-	-
15	Advanced Steel Structures	RB-S2-18-S06	10	-	-	-	-	-	-	-	-	RB-S2-18-S06-B	1	0	-	-	10	-	-	-	-	-	-	-	-	-	-
16	Computer Methods in Theory of Structure	RB-S2-18-S6C	60	-	-	-	-	-	-	-	-	RB-S2-18-S6C-6B	2	0	20	-	5	5	-	RB-S2-18-S6C-6C	2	1	20	-	5	5	-
17	Civil and Industrial Strucutres	RB-S2-18-S6F	30	-	-	-	-	-	-	-	-	RB-S2-18-S6F-6F	2	1	30	-	-	-	-	-	-	-	-	-	-	-	-
18	Option S1 (one of group) 7)		30	-	-	-	-	-	-	-	-	-	2	0	-	4	-	26	-	-	-	-	-	-	-	-	-
	Project of Civil Structures	RB-S2-18-S6D	0	-	-	-	-	-	-	-	-	RB-S2-18-S6D-6D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Project of Industrial Structures	RB-S2-18-S6E	0	-	-	-	-	-	-	-	-	RB-S2-18-S6E-6E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Option S2 (one of group) 7)		60	-	-	-	-	-	-	-	-	-	2	0	8	-	10	-	12	-	2	0	8	-	10	-	12
	Structural Dynamics	RB-S2-18-S41	0	-	-	-	-	-	-	-	-	RB-S2-18-S41-52	-	-	-	-	-	-	-	RB-S2-18-S41-52	-	-	-	-	-	-	-
	Advanced Modelling of Structural Materials	RB-S2-18-S43	0	-	-	-	-	-	-	-	-	RB-S2-18-S43-54	-	-	-	-	-	-	-	RB-S2-18-S43-54	-	-	-	-	-	-	-
	Durability of Materials and Structures	RB-S2-18-S44	0	-	-	-	-	-	-	-	-	RB-S2-18-S44-55	-	-	-	-	-	-	-	RB-S2-18-S44-55	-	-	-	-	-	-	-
	Damage & Catastrophes of Structures	RB-S2-18-S46	0	-	-	-	-	-	-	-	-	RB-S2-18-S46-57	-	-	-	-	-	-	-	RB-S2-18-S46-57	-	-	-	-	-	-	-
	Numerical Modelling of Structures	RB-S2-18-S47	0	-	-	-	-	-	-	-	-	RB-S2-18-S47-58	-	-	-	-	-	-	-	RB-S2-18-S47-58	-	-	-	-	-	-	-
20	Design and Testing of Reinforced Concrete and Prestress	RB-S2-18-S07	110	-	-	-	-	-	-	-	-	RB-S2-18-S07-1D	10	1	50	10	10	40	-	-	-	-	-	-	-	-	-
21	Design and Testing of Masonry and Timber Structures	RB-S2-18-S08	100	-	-	-	-	-	-	-	-	RB-S2-18-S08-2C	4	1	17	3	9	11	-	RB-S2-18-S08-2D	6	0	20	10	10	20	-
22	Diploma Seminar	RB-S2-18-S3F	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RB-S2-18-S3F-50	2	0	-	-	-	-	30
23	Final Thesis	RB-S2-18-S40	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RB-S2-18-S40-51	13	0	-	-	-	180	-
P	**Podsumowanie**	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			1110		30	2	345						30	3	375						30	1	390				

Podsumowanie					
Liczba ECTS - przedmioty inne	11,1%	10	8	2	0
Liczba ECTS - przedmioty wspólne	33,3%	30	22	3	5
Liczba ECTS - przedmioty specjalnościowe	55,6%	50	0	25	25
Suma punktów ECTS		90			
Liczba godzin - przedmioty inne	13,5%	150			
Liczba godzin - przedmioty wspólne	29,7%	330			
Liczba godzin - przedmioty specjalnościowe	56,8%	630			
Suma godzin dydaktycznych		**1110**			
Suma egzaminów		6			

Załącznik S2.8	
Plan studiów II stopnia - studia stacjonarne (j. ang.)	
Kierunek:	**Civil Engineering**
Specjalność:	**Structural Engineering**
Profil dyp.:	**Civil and Industrial Structures**

Efekty kształcenia

Wydział: Budownictwa
Kierunek: Civil Engineering
Specjalność: Structural Engineering
Profil dyp.: **Civil and Industrial Structures**

	K2A_W01	K2A_W02	K2A_W03	K2A_W04	K2A_W05	K2A_W06	K2A_W07	K2A_W08	K2A_W09	K2A_W10	K2A_W11	K2A_W12	K2A_W13	K2A_W14	K2A_W15	K2A_W16	K2A_W17	K2A_W18	K2A_W19	K2A_W20	K2A_W21	K2A_U01	K2A_U02	K2A_U03	K2A_U04	K2A_U05	K2A_U06	K2A_U07	K2A_U08	K2A_U09	K2A_U10	K2A_U11	K2A_U12	K2A_U13	K2A_U14	K2A_U15	K2A_U16	K2A_U17	K2A_U18	K2A_U19	K2A_K01	K2A_K02	K2A_K03	K2A_K04	K2A_K05	K2A_K06	K2A_K07	K2A_K08	K2A_K09	K2A_K10	K2A_K11	K2A_K12	K2A_K13
Przedmioty I+W	✓ 4	✓ 2	✓ 4	✓ 5	✓ 2	✓ 2	✓ 2	✓ 3	✓ 2	✓ 2	✓ 2	✓ 2	✓ 3	✓ 2	✓ 2	✓ 2	✓ 2	✓ 1	✓ 1	✓ 2	✓ 4	✓ 2	✓ 2	✓ 2	✓ 4	✓ 3	✓ 3	✓ 3	✓ 1	✓ 2	✓ 2	✓ 2	✓ 1	✓ 3	✓ 1	✓ 1	✓ 2	✓ 4	✓ 2	✓ 3	✓ 6	✓ 5	✓ 3	✓ 3	✓ 3	✓ 1	✓ 3	✓ 1	✓ 2	✓ 4	✓ 2	✓ 2	✓ 2
Przedmioty S	✓ 1	✓ 6	✓ 4	✓ 9	✗ 0	✓ 3	✓ 2	✓ 9	✓ 9	✗ 0	✗ 0	✗ 0	✗ 0	✓ 6	✓ 1	✓ 5	✗ 0	✓ 1	✓ 2	✓ 1	✗ 0	✓ 6	✓ 7	✓ 6	✓ 6	✓ 5	✓ 6	✓ 7	✓ 1	✓ 5	✗ 0	✓ 2	✗ 0	✓ 6	✓ 1	✓ 4	✓ 4	✗ 0	✓ 3	✗ 0	✓ 11	✓ 12	✓ 3	✗ 0	✗ 0	✓ 4	✓ 6	✓ 3	✓ 5	✓ 2	✗ 0	✗ 0	✗ 0
Razem	✓ 5	✓ 8	✓ 8	✓ 14	✓ 2	✓ 5	✓ 4	✓ 12	✓ 11	✓ 2	✓ 2	✓ 2	✓ 3	✓ 8	✓ 3	✓ 7	✓ 2	✓ 2	✓ 3	✓ 3	✓ 4	✓ 8	✓ 9	✓ 8	✓ 10	✓ 8	✓ 9	✓ 10	✓ 2	✓ 7	✓ 2	✓ 4	✓ 1	✓ 9	✓ 2	✓ 5	✓ 6	✓ 4	✓ 5	✓ 3	✓ 17	✓ 17	✓ 6	✓ 3	✓ 3	✓ 5	✓ 9	✓ 4	✓ 7	✓ 6	✓ 2	✓ 2	✓ 2
Przedmioty inne																																																					
Management Science							+	++		+++	++						+				+					++					+		+++					+			+++		++	+	+						+		
Social Communication																					+++																			+++				++						++	+++	
Second Foreign Language (not English)																				+++															+++																		+++
Sport																					+++																			+++				++						++	+++	
Przedmioty wspólne																																																					
Statistical Methods in Research	+++				+																											++		+++				++	+++			++				++				+			
Advanced Concrete Structures		++	+++	++		+		+	++					++		++						+	+	++	++		++	+++		++							++			++	+++					++		+				
Advanced Steel Structures		++	+++	++		+		+	++					++		++						+	+	++	++		++	+++		++							++			++	+++					++		+				
Mechanics of Materials and Structures	++		++	++																					+++		+	+++												++	++								+			
Advanced Materials and Technologies in Construction	++			++			++			+++	+	+++	++		+										+				+		+++			++							+												
Diagnostic in Construction	+				+++								+								+					+						+++		+				+++	++		+++		++		+		+						
Prawo budowlane, ochrona własności intelektualnej													++				+++	+++		++																	++		++		++			+++			+					
Public Transport Infrastructure Facilities												++							++																																		
Advanced Geotechnical Problems			++	++											+++											++										+++							++								++		++
Przedmioty specjalnościowe																																																					
Advanced Concrete Structures		++	+++	++		+		+	++					++		++						+++	+	++	++		++			++							++				++	+++					++		+				
Advanced Steel Structures		++	+++	++		+		+	++					++		++						+++	+	++	++		++			++							++				++	+++					++		+				
Computer Methods in Theory of Structure			+++	+++					+																++		+++	+++													+++	++											
Civil and Industrial Strucutres								+						+++		+++						+++	+++		++	+++				++				+++							++	+	++										
Option S1 (one of group) 7)																																																					
Project of Civil Structures								+	++					+					+++			++								+++						+++	+++				++	++											
Project of Industrial Structures														+++		++			+++			+++	+++		++					++				+++		+++	+++				++	+											
Option S2 (one of group) 7)																																																					
Structural Dynamics		++						++						++	+	++						++	++		+	++		+						++					++		+++	++				+++	+++	++	+				
Advanced Modelling of Structural Materials				+++					++																	+		++														++											
Durability of Materials and Structures	+			+			+																									++		+							+		++											
Damage & Catastrophes of Structures						++	++	++															+			+															+		+				+							
Numerical Modelling of Structures				++					++																		++	+													+++					+								
Design and Testing of Reinforced Concrete and Prestressed Stru		+++		++				+	+++															++			++	++						++		++						++				++							
Design and Testing of Masonry and Timber Structures		+++		++				+	++															++			+	++				++		++		++						++				++							
Diploma Seminar		+	+	+				++	++															++		++		++											++			+					++	++	++	++			
Final Thesis																		++		+++			+++	+++					+++						+++				++		++	+++					+++	+++	+++	+++			

Załącznik S2.8	
Plan studiów II stopnia - studia stacjonarne (j. ang.)	
Kierunek:	**Civil Engineering**
Specjalność:	**Structural Engineering**
Profil dyp.:	**Civil and Industrial Structures**