

Uczelnia:	Politechnika Śląska
Wydział:	Budownictwa
Kierunek:	Civil Engineering
Moduł (specjalność):	Structural Engineering
Uwagi:	

n/d

4
1
25

Załącznik E.4	
Plan studiów I stopnia - studia stacjonarne (j. pol.)	
Kierunek:	Budownictwo
Moduł:	Structural Engineering

Efekty kształcenia

Uczelnia:
Wydział:
Kierunek:

Politechnika Śląska
Budownictwa
Civil Engineering

Moduł (specjalność):

Structural Engineering

Przedmioty I+V	5	3	1	5	5	7	2	1	1	2	2	3	6	4	6	4	3	4	2	1	1	1	5	2	4	2	1	1	5
Przedmioty S	0	1	0	4	8	7	2	0	0	3	0	2	10	5	10	1	2	3	1	1	0	2	4	1	4	0	1	1	5
Razem	5	4	1	9	13	14	4	1	1	5	2	5	16	9	16	5	5	7	3	2	1	3	9	3	8	2	2	2	10
	KIA_W01	KIA_W02	KIA_W03	KIA_W04	KIA_W05	KIA_W06	KIA_W07	KIA_W08	KIA_W09	KIA_W10	KIA_W11	KIA_U01	KIA_U02	KIA_U03	KIA_U04	KIA_U05	KIA_U06	KIA_U07	KIA_U08	KIA_U09	KIA_U10	KIA_U11	KIA_U12	KIA_U13	KIA_U14	KIA_U15	KIA_K01	KIA_K02	KIA_K03
Przedmioty ogólne																													
Mathematics	+															+													
Physics	+															+													
Chemistry	+															+	+												
Foreign Language (not English)																							+						+
HES																								+			+		+
Intellectual property protection											+														+		+		
Communication tools																								+	+				+
Physical Education																										+			
Przedmioty wspólne																													
Problem seminar																										+			+
IT and introduction to programming																													
Selected Engineering Problems - Fundamentals of Structural De												+	+																
Selected Engineering Problems - Fundamentals of Urban Planni		+																	+										+
Engineering Graphics		+																	+										
Selected Engineering Problems - Mechanics				+										+									+						
Surveying			+															+											
Selected Engineering Problems - Mechanics of Materials				+										+															
Buildings and Phisics of Buildings	+											+				+		+					+						
Engineering Geology and Soil Mechanics							+										+												
Building Materials	+							+		+							+												
Structural Mechanics				+										+										+					
Concrete Structures					+	+							+		+														
Steel Structures					+	+								+		+													
Masonry & Timber Structures					+	+								+		+													
Special Structures					+	+								+		+													
Foundation Engineering							+																						
Construction Technology, Organisation and Economics									+	+										+	+		+						
Transportation Infrastructure							+																+						
Urban, Industrial and Transportation Structures					+	+						+	+		+														
Bridges				+	+									+										+					
BIM Basics	+		+															+											
Prawo w budownictwie											+										+						+	+	
Przedmioty specjalnościowe																													
Structural Mechanics			+											+									+						
Concrete Structures				+	+								+		+														
Steel Structures				+	+								+		+														
Masonry & Timber Structures				+	+								+		+														
Special Structures				+	+								+		+														
Urban, Industrial and Transportation Structures				+	+							+	+		+														
Option S1 (one of group) 7)																													
Urban Structures Design													+	+	+				+										+
Industrial Structures Design													+	+	+				+										+
Bridges Design													+	+	+				+										+
Option S2 (two of group) 8)																													
Advanced Structural Design - Selected Topics				+																			+						
Contemporary Geotechnical Issues							+							+			+												
Fire Protection in Construction						+								+															
Structural Design in Seismic Regions					+	+								+		+													
Maintenance, Repair and Strengthening of Structures					+					+															+				
Option W1 (two of group) 8)																													
Bridges to Future										+													+						
Advanced Computer Science Tools in Civil Engineering			+																						+				
Review of Famous World's Structures										+		+														+			
Selected Geotechnical Problems in Civil Engineering							+										+												
Vibration of Building Structures				+													+												
Selected Steel and Steel-concrete Composite Structures					+										+														
Computer Simulations in Buildings Operation		+																	+										
Practical placement 4)																						+		+	+	+			+
Final Project 24)																				+		+	+	+	+				+