

**KIERUNEK: BUDOWNICTWO, II STOPIEŃ, STUDIA STACJONARNE W J. ANGIELSKIM
SEKWENCJA PRZEDMIOTÓW**

SPECJALNOŚĆ: Structural Design and Management in Civil Engineering (profile: Structural Design)

1	2	3	4
Lp.	Nazwa przedmiotu	Przedmioty, których zaliczenie jest niezbędne do rozpoczęcia przedmiotu z ko	Lp.z kol.1
SEMESTR 1			
1	Foreign Language (1)		
2	Mathematics in Civil Engineering		
3	Strength of Materials II		
4	Advanced Structural Materials		
5	Structural Mechanics II		
6	Theory of Elasticity and Plasticity		
7	Fundamentals of Design and Reliability		
8	Computer Methods in Civil Engineering		
9	Concrete Structures II		
10	Metal Structures II		
11	Prestressed and Precast Concrete Elements		
12	Special Foundations		
13	Construction Company Management		
14	Cost Estimates in Civil Engineering		
SEMESTR 2			
15	Foreign Language (2)	Foreign Language (1)	1
16	Probability-based structural design		
17	Principles of Low Energy Building		
18	Technology of Prefabrication		
19	Composite Steel and Concrete Structures		
20	Timber Structures II		
21	Selected Industrial Structures		
22	Tenders, Negotiations and Contracts in CE		
23	Construction Management		
25	Statistical Methods in Structure Design		
26	Selected Aspects of BIM in Structure Design		
27	Dynamics of Structures		
28	Design Analysis of Prestressed and Precast Concrete Structures		
29	Special Concrete Structures		
30	Elective Subjects Related to Diploma Projects		
SEMESTR 3			
31	Elements of Intellectual Property Protection II		
32	Communication within an organization		
33	Negotiation techniques		
34	Bridges and Tunnels		
35	Durability of Structures		
36	Elective Subjects Related to Diploma Projects		
37	Diploma Seminar		
38	Preparation of Diploma Project		

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SEKWENCJA PRZEDMIOTÓW**

SPECJALNOŚĆ: Structural Design and Management in Civil Engineering (profile: Construction Technology and Management)

1	2	3	4
Lp.	Nazwa przedmiotu	Przedmioty, których zaliczenie jest niezbędne do rozpoczęcia przedmiotu z ko	Lp.z kol.1
SEMESTR 1			
1	Foreign Language (1)		
2	Mathematics in Civil Engineering		
3	Strength of Materials II		
4	Advanced Structural Materials		
5	Structural Mechanics II		
6	Theory of Elasticity and Plasticity		
7	Fundamentals of Design and Reliability		
8	Computer Methods in Civil Engineering		
9	Concrete Structures II		
10	Metal Structures II		
11	Prestressed and Precast Concrete Elements		
12	Special Foundations		
13	Construction Company Management		
14	Cost Estimates in Civil Engineering		
SEMESTR 2			
15	Foreign Language (2)	Foreign Language (1)	1
16	Probability-based structural design		
17	Principles of Low Energy Building		
18	Technology of Prefabrication		
19	Composite Steel and Concrete Structures		
20	Timber Structures II		
21	Selected Industrial Structures		
22	Tenders, Negotiations and Contracts in CE		
23	Construction Management		
24	Management Theory		
25	Statistical Methods in Management		
26	BIM in Construction Management		
27	Property Development Projects		
28	Technology of Renovation and Demolition Works		
29	Elective Subjects Related to Diploma Projects		
SEMESTR 3			
30	Elements of Intellectual Property Protection II		
31	Communication within an organization		
32	Negotiation techniques		
33	Management of Building Projects		
34	Advanced Technologies in Construction Works		
35	Computer Aided Project Management		
36	Elective Subjects Related to Diploma Projects		
37	Diploma Seminar		
38	Preparation of Diploma Project		