



## CIVIL ENGINEERING (BUDOWNICTWO)

Plan of II cycle study - Master of Science

### CONSTRUCTION TECHNOLOGY MANAGEMENT

No	Subject name	Total hours						Semester I					Semester II					Semester III							
		Exam	T	Lec	Exc	Lab	P	Lec	Exc	Lab	P	ECTS	Lec	Exc	Lab	P	ECTS	Lec	Exc	Lab	P	ECTS			
1	<b>MATHEMATICS</b>	1	60	30	30	0	0	30	30																
2	ENERGY TECHNOLOGY IN CONSTRUCTION	1	45	15	0	15	15	15	0	15	15														
3	INFORMATION TECHNOLOGY IN CONSTRUCTION		45	30	0	15	0	30		15															
4	DESIGN OF STRUCTURES		45	30	0	0	15	30				15													
5	<b>COMPUTATIONAL MECHANICS</b>		60	30	0	30	0	30		30															
6	ENGINEERING ENTERPREURSHIP	1	90	60	15	0	15	60	15			15													
7	FLEXIBILITY IN ENGINEERING DESIGN		30	15	15	0	0	15	15																
8	PROJECT WITH INDUSTRY		45	15	30	0	0	15						30											
9	ENGLISH FOR CONSTRUCTION MANAGER		45	15	15	0	15		15								15						15	1	
10	<b>SOCIAL COMMUNICATION</b>		30	30	0	0	0							30											
11	<b>ENTERPRISE MANAGEMENT</b>	1	60	15	15	15	15		15					15		15	15								
12	MULTIDISCIPLINARY PROJECT	1	60	15	15	0	30							15	15			30							
13	<b>CONSTRUCTION ENGINEERING</b>	1	60	30	15	0	15							30	15			15							
14	CONSTRUCTION TECHNOLOGY LABORATORY		75	15	30	15	15							15	30	15	15								
15	ENGINEERING MEASUREMENT		30	15	0	15	0							15		15									
16	CONSTRUCTION PROCESS DESIGN		45	30	15	0	0							30	15										
17	QUALITY MANAGEMENT		45	15	15	0	15							15	15			15							
18	SYSTEM DESING AND MANAGEMENT		30	15	15	0	0							15	15										
19	<b>ELECTIVE HUMANISTIC</b>		30	30	0	0	0															30		3	
20	<b>BIM TECHNOLOGY</b>		45	30	0	15	0															30	15	4	
21	<b>ELECTIVE I: LEGAL ASPECTS OR PM BOK</b>		30	15	0	0	15															15		15	
22	<b>ELECTIVE II: LEAN MANAGEMENT OR TEAM</b>		15	15	0	0	0															15		1	
23	<b>SPORT</b>		15	0	15	0	0																15	1	
24	DIPLOMA SEMINAR		15	0	15	0	0																15	3	
25	PREPARATION of DIPLOMA WORK																							15	
26	PRACTICAL TRAINING			8 tygodni																					3
		6		exams					3				4				0								
		ETCS	HOURS	510	255	120	165	225	90	60	45	ETCS	195	135	45	90	ETCS	90	30	15	30	ETCS			
	Total :	90	1050					420			30	465			30	165			30						