



Subject card

Subject name and code	Management of a modern construction company , PG_00045898						
Field of study	Civil Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group			Optional subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Concrete Structures -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Magdalena Apollo					
	Teachers	dr inż. Magdalena Apollo dr inż. Magdalena Pawelska-Mazur					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	15.0	0.0	0.0	45
E-learning hours included: 0.0							
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours		Self-study		SUM
	Number of study hours	45	5.0		25.0		75
Subject objectives	Acquainting students with contemporary problems in the management of construction enterprises.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W05] has knowledge about business activity specific for construction sector; understands principles of financial economy of companies, knows rules of defining quality management procedures in a construction company; has knowledge about optimisation of building enterprises and existing risk and uncertainty	The student understands the principles of financial management of a construction company, knows the principles of creating quality management procedures and risk management in a construction company.					
	[K7_K02] Recognizes the significance of knowledge in solving cognitive and practical problems; reliably evaluates results of his own and team research	The student knows the types of organizational structures in modern construction companies and is able to solve practical problems related to business management.					
	[K7_W15] has deep and adequate knowledge of civil engineering, within offered specialization and profile	The student has an extended and deepened knowledge of the management of a construction company.					
	[K7_K01] is aware of necessity of professional competences improvement; obeys the professional ethics code	The student knows the principles of employee motivation and understands the need to follow the rules of professional ethics in a construction company.					
[K7_U05] can formulate and perform basic research on engineering, technological or organisational problems in civil engineering	The student is able to think and act in a creative and entrepreneurial way and to conduct preliminary research of selected organizational problems in a construction company.						

Subject contents	Organizational models of enterprises, company management structures, risk management, quality management, practical aspects of negotiations and provisions in construction contracts.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exam	60.0%	75.0%
	MS project	60.0%	25.0%
Recommended reading	Basic literature	D. Eaton, R. Kotapski, ZARZADZANIE PRZEDSIEBIORSTWEM BUDOWLANYM, Wrocław, Salford, 2008	
	Supplementary literature	http://dlarynkupracy.umcs.pl/wp-content/uploads/2011/02/wspolczesny-marketing1.pdf	
	eResources addresses	Adresy na platformie eNauczanie: Zarządzanie Współczesnym Przedsiębiorstwem Budowlanym, Budownictwo / studia stacjonarne II st. / sem. II / 2023/2024 - Moodle ID: 28561 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28561	
Example issues/ example questions/ tasks being completed	WBS - Work Break Structure - Types and examples		
Work placement	Not applicable		