



## Subject card

Subject name and code	Protection works, PG_00042810						
Field of study	Environmental Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2021/2022		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study		
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			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Building Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Adam Kristowski					
	Teachers	dr inż. Marcin Szczepański dr inż. Adam Kristowski					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0 Adresy na platformie eNauczanie:						
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	30		5.0		20.0	55
Subject objectives	Preparation for managing and performing professional work in a safe manner while maintaining legal requirements and health and safety rules as well as functioning on the labor market.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U14] can organize, estimate executive construction works (installation) in accordance with the principles of construction technology and organization, apply the principles of safety and health at work during the implementation of engineering tasks	Knows the hazards in the aspect of health and safety and can counteract them.	[SU4] Assessment of ability to use methods and tools
	[K6_K01] can think and act in a creative and enterprising way; can set priorities for the implementation of an individual or group task; understands the need for continuous training and professional responsibility for their activities and team	Knows the procedures for running a business.	[SK5] Assessment of ability to solve problems that arise in practice
	[K6_W10] has elementary knowledge in the field of running a business in the sanitary industry; knows the general principles of creating and developing forms of individual entrepreneurship; knows the basic principles of health and safety at work in the laboratory and at the construction site	Knows the principles of organization and economics of conducting construction and installation works.	[SW3] Assessment of knowledge contained in written work and projects
	[K6_W14] has a structured knowledge of current legal regulations regarding environmental protection, water and construction law; knows the basics of public procurement law, patent law, intellectual property protection and labor protection	Has the ability to analyze and characterize issues in the field of running a business	[SW3] Assessment of knowledge contained in written work and projects
Subject contents	<ul style="list-style-type: none"> <li>- application of regulations defining health and safety at work requirements,</li> <li>- improvement of working conditions in accordance with the principles of ergonomics, organization and economics of enterprises,</li> <li>- preparing health and safety documentation related to activities in the construction sector,</li> <li>- risk assessment procedure.</li> </ul>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	60.0%	50.0%
	test	60.0%	50.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>- Bezpieczeństwo i higiena pracy, pod red. D. Koradeckiej, CIOP, PIB, Warszawa 2008.</li> <li>- BHP w budownictwie. Poradnik, H. Wojciechowska-Pisarczyk, A. Uzarczyk, Radom 2010.</li> <li>- Ustawy i rozporządzenia dotyczące bhp - aktualnie obowiązujące</li> </ul>	
	Supplementary literature	Literatura fachowa z zakresu bhp.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		