



Subject card

Subject name and code	Protection works, PG_00058742						
Field of study	Environmental Engineering						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Humanistic-social 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	1	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. Adam Kristowski dr inż. Marcin Szczepański					
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						
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	Prepare to manage and carry out professional work in a safe manner while complying with legal requirements and health and safety rules, as well as to function in the labor market.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	Has the ability to analyze and characterize issues in running a business.	[SW1] Assessment of factual knowledge
	[K6_W13] 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	He knows the existing dangers in the aspect of health and safety and can counteract them.	[SW3] Assessment of knowledge contained in written work and projects
	[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_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	He knows the principles of organization and economics of conducting construction and installation work.	[SU3] Assessment of ability to use knowledge gained from the subject	
Subject contents	<p>- application of regulations defining the requirements of occupational safety and health,- improving working conditions in accordance with the principles of ergonomics, organization and economics of enterprises,- preparation of occupational health and safety documentation related to activities in the construction sector,- occupational risk assessment procedure.</p>		
Prerequisites and co-requisites	none		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	colloquium	60.0%	50.0%
	project	60.0%	50.0%
Recommended reading	Basic literature	dostosować w razie potrzeb	
	Supplementary literature	dostosować w razie potrzeb	
	eResources addresses	Adresy na platformie eNauczenie: Ochrona i bezpieczeństwo pracy_2023/24 - Moodle ID: 34358 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=34358	
Example issues/ example questions/ tasks being completed	<p>- present the basic regulations governing the principles of safe work in construction,- characterize the basic rights and obligations of the employer and employee,- list the elements of development of the construction site,- present the principles of accounting for construction and installation works.</p>		
Work placement	Not applicable		