



Subject card

Subject name and code	Materials Technology in Sanitary Systems , PG_00042880						
Field of study	Environmental Engineering						
Date of commencement of studies	October 2020		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	2		Language of instruction		Polish nie dotyczy		
Semester of study	3		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Jakub Drewnowski				
	Teachers						
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						
	Adresy na platformie eNauczanie: Materiałoznawstwo Instalacyjne - 2021/2022 - Moodle ID: 19446 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19446						
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		35.0	85
Subject objectives	nie dotyczy						
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		nie dotyczy				
	[K6_W07] has a structured and theoretically founded knowledge in the field of materials used in the sanitary industry, their physico-chemical properties; knows and understands the basic processes of their production		nie dotyczy				
	[K6_U13] knows the rules of application and can choose the materials of the sanitary industry		nie dotyczy				
	[K6_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of environmental engineering and other aspects of the sanitary industry engineer's activity; is aware of the importance and understands the non-technical aspects and effects of engineering activities; makes efforts to provide such information and opinions in a widely understandable way, presenting different points of view		nie dotyczy				

Subject contents	nie dotyczy		
Prerequisites and co-requisites	nie dotyczy		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	nie dotyczy	50.0%	100.0%
Recommended reading	Basic literature	nie dotyczy	
	Supplementary literature	nie dotyczy	
	eResources addresses	Materiałoznawstwo Instalacyjne - 2021/2022 - Moodle ID: 19446 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=19446	
Example issues/ example questions/ tasks being completed	nie dotyczy		
Work placement	Not applicable		