



## Subject card

Subject name and code	, PG_00041522						
Field of study	Civil Engineering						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2022/2023		
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		English		
Semester of study	2		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Building Structures and Material Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Andrzej Tejchman-Konarzewski				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	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		40.0	75
Subject objectives	Knowledge with research works and technical opinions performed in chair.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_W09] knows advanced methods of building physics with applications in heat and moisture migration in buildings, energy demand for buildings and its acoustics				[SW1] Assessment of factual knowledge		
	[K7_U12] can calculate and analyse the energy balance of a building				[SU1] Assessment of task fulfilment		
	[K7_W10] knows modern building materials as well as technologies and methods of its manufacturing and production of construction elements				[SW1] Assessment of factual knowledge		
	[K7_K04] understands the necessity of dissemination civil engineering knowlege in the society and to support the proffesional ethos of a civil engineer						
	[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						
Subject contents	Topics of research works and technical opinions in chair.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presence	55.0%	100.0%
Recommended reading	Basic literature	Lack	
	Supplementary literature	Lack	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Research topics proceeded in department		
Work placement	Not applicable		