



Subject card

Subject name and code	Building Construction, PG_00047990						
Field of study	Environmental Engineering						
Date of commencement of studies	October 2021		Academic year of realisation of subject		2022/2023		
Education level	first-cycle studies		Subject group		Optional subject group		
Mode of study	Part-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Building Structures And Material Engineering -> Faculty Of Civil And Environmental Engineering -> Wydziały Politechniki Gdańskieį						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Ewelina Korol				
	Teachers						
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		70.0	105
Subject objectives	Learning the basic definitions of general construction, building materials and construction law.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U06] knows and applies the basic provisions of construction law, water law and environmental law		The student knows and applies the basic provisions of construction law, water law and environmental law.				
	[K6_W08] has elementary knowledge of construction: including building materials, their strength, construction mechanics and building physics, moisture migration in buildings, heat transfer through building partitions		The student has elementary knowledge of construction: including building materials, their strength, construction mechanics and building physics, moisture migration in buildings, heat transfer through building partitions.				
	[K6_U01] has the ability to self-education, can obtain information from literature, databases and other sources, uses information technology, Internet resources; can integrate the obtained information, make their interpretation, as well as draw conclusions and formulate and justify opinions		The student has the ability to self-study, is able to obtain information from literature, databases and other sources, uses information technologies, Internet resources; is able to integrate the obtained information, interpret it, as well as draw conclusions and formulate and justify opinions.				
Subject contents	Basic knowledge of law in construction. Basic definitions of general construction. Requirements for building and construction drawings. Structural systems. Coordination dimensional in buildings. Basic information about technical conditions for buildings and them location. Initial information about walls, window and door lintels, ceilings, flat roofs, terraces, balconies, loggias and stairs.						
Prerequisites and co-requisites	Basic information on technical drawing, building materials, building mechanics and strength of materials.						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Semester work		60.0%		60.0%		
	Test		60.0%		40.0%		

Recommended reading	Basic literature	1. Kobiak J., Stachurski W.: Konstrukcje żelbetowe t.1 Warszawa: Arkady 1984. 2. Michalak H., Pyrak S., Domy jednorodzinne konstruowanie i obliczenia: Arkady 2005. 3. Niedostatkiwicz M., Majewski T., Skuza M., Bobiński J.: Budownictwo ogólne Katalog rozwiązań konstrukcyjno materiałowych, Skrypt PG. 4. Pierzchlewicz J., Jarmontowicz R.: Budynki murowane. Warszawa: Arkady 1994.
	Supplementary literature	1. Żenczykowski W.: Budownictwo ogólne, t. 2/1. Warszawa: Arkady 1990 2. Praca zbiorowa: Poradnik majstra budowlanego. Warszawa: Arkady 1985. 3. Praca zbiorowa: Poradnik inżyniera i technika budowlanego, t. V. Warszawa: Arkady 1986. 4. Prawo budowlane.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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