



Subject card

Subject name and code	Basics of Civil Engineering, PG_00047995						
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			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						
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. Maria Krogulecka					
	Teachers	mgr inż. Maria Krogulecka					
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						
	Address on the e-learning platform: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=23077 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		70.0		105
Subject objectives	Getting to know the basic definitions of general construction, building materials and construction law.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[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.			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject		
	[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.			[SU1] Assessment of task fulfilment		
	[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.			[SW1] Assessment of factual knowledge		
Subject contents	Podstawowa wiedza o prawie w budownictwie. Podstawowe definicje budownictwa ogólnego. Wymagania dotyczące rysunków budowlano-konstrukcyjnych. Układy konstrukcyjne. Koordynacja wymiarowa w budynkach. Podstawowe wiadomości o warunkach technicznych dla budynków i ich lokalizacji. Wstępne wiadomości o ścianach, nadprożach okiennych i drzwiowych, stropach, stropodachach, tarasach, balkonach, loggiach oraz schodach.						
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		
	Term 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. Niedostatkiewicz M., Majewski T., Skuza M., Bobiński J.: Budownictwo ogólne Katalog rozwiązań konstrukcyjno materiałowych, Skrypt PG. 4. Pierzchlewicz J., Jarmontowicz R.: Budynek 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	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	