



## Subject card

Subject name and code	General building technology III, PG_00052619						
Field of study	Architecture						
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 Subject group related to scientific research in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			English		
Semester of study	3	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Technical Fundamentals of Architecture Design -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor	dr arch. Paola Ardizzola					
	Teachers	dr arch. Paola Ardizzola dr inż. arch. Agnieszka Szuta dr inż. arch. Bartosz Macikowski					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
	Address on the e-learning platform: <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=8097">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=8097</a> Adresy na platformie eNauczanie: General building technology III - Moodle ID: 18846 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=18846">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=18846</a>						
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	15	1.0		9.0		25
Subject objectives	Acquisition of knowledge enabling the development of a simple construction and construction concept of a residential building in accordance with the selected design assumption						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U01] is able to use the experience gained during studies to critically analyze the conditions and formulate conclusions for design in an interdisciplinary context	is able to use the experience gained during studies to critically analyze the conditions and formulate conclusions for design in an interdisciplinary context			[SU2] Assessment of ability to analyse information		
	[K6_W01] knows and understands construction problems, building and engineering issues related to building design; principles, solutions, constructions and building materials used in simple engineering tasks in the field of architectural and urban design	knows and understands construction problems, building and engineering issues related to building design; principles, solutions, constructions and building materials used in simple engineering tasks in the field of architectural and urban design			[SW1] Assessment of factual knowledge		
Subject contents	Elements of wall construction, lintels, attics, rims, plinths; Ceiling constructions; Ceiling constructions and details; Steep roof constructions and covers; Cellar wall waterproofing						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	test	51.0%			100.0%		

Recommended reading	Basic literature	<p>1. Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. Konstrukcje budynków, t. 4. Arkady, Warszawa 2009.</p> <p>2. Praca zbiorowa pod kier. Lichołai L.: Budownictwo ogólne. Elementy budynków, podstawy projektowania, t. 3. Arkady, Warszawa 2010.</p> <p>3. Poradnik Majstra Budowlanego. Warszawa, Arkady 1992,</p> <p>4. Rozporządzenie Ministra Infrastruktury z dnia 1 kwietnia 2002 r. w sprawie warunków technicznych jakim powinny odpowiadać budynki i ich usytuowanie.</p> <p>5. Rozporządzenie Ministra Infrastruktury z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy projektu budowlanego</p>
	Supplementary literature	<p>1. Pawłowski Paweł, Budownictwo ogólne. Warszawa, Państw. Wydaw. Nauk., 1983.</p> <p>2. Żenczykowski Wacław, Budownictwo ogólne. Warszawa, Arkady, 1986.</p> <p>3. Chudzicki Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994.</p> <p>4. Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane. Wyd. Politechniki Warszawskiej, Warszawa 1991.</p>
	eResources addresses	<p>General building technology III - Moodle ID: 18846  <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=18846">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=18846</a></p>
Example issues/ example questions/ tasks being completed	<p>Example questions :</p> <p>Differences between FERT and TERIVA ceilings;</p> <p>2. connection of the ceiling joist on a two-layer external wall - sketch and description of partitions and joist fixing elements.</p>	
Work placement	Not applicable	