GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Construction project I, PG_00052618		
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	Polish
Semester of study	3	ECTS credits	2.0
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	0.0	0.0	0.0	30.0	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=8097
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	4.0	16.0	50

Subject objectives

Development of the conceptual and construction concept of a residential building according to the chosen design assumption

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	[SW3] Assessment of knowledge contained in written work and projects
[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	[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 [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	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject

Subject contents	Exercises on general building principles for single-family houses: Ground floor detail with floor on the ground according to individual assumptions; basement floor detail according to individual assumptions; general construction principles for single-family houses; roof or ceiling detail according to individual assumptions. Development for the object designed within the framework of the Architectural Project III, including: Structure of the object: static scheme of the building, detailed structural solutions. Technologies, architectural details, detailed solutions. Graphic arrangement and project specification.	
Prerequisites and co-requisites		
Assessment methods and criteria		

Subject passing criteria	Passing threshold	Percentage of the final grade
General Building III	100.0%	100.0%

Recommended reading	Basic literature	1. Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. Konstrukcje budynków, t. 4. Arkady, Warszawa 2009. 2. Praca zbiorowa pod kier. Lichołai L..: Budownictwo ogólne. Elementy budynków, podstawy projektowania, t. 3. Arkady, Warszawa 2010. 3. Poradnik Majstra Budowlanego. Warszawa, Arkady 1992, 4. Rozporządzenie Ministra Infrastruktury z dnia 1 kwietnia 2002 r. w sprawie warunków technicznych jakim powinny odpowiadać budynki i ich usytuowanie. 5. Rozporządzenie Ministra Infrastruktury z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy pro-jektu budowlanego
	Supplementary literature	1. Pawłowski Paweł, Budownictwo ogólne. Warszawa, Państ. Wydaw. Nauk., 1983. 2. Żenczykowski Wacław, Budownictwo ogólne. Warszawa, Arkady, 1986. 3. Chudzicki Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994. 4. Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane. Wyd. Politechniki Warszawskiej, Warszawa 1991.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Construction issues III (exercises, project, lecture): Structure layout of the object. Layers of walls and ceilings. Construction details.	
Work placement	Not applicable	