GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Architectural project IV, PG_00055602
Field of study	Architecture

Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	Optional subject group 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	4	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	assessment

Conducting unit	Department Of History Of Architecture And Conservation Of Monuments -> Faculty Of Architecture -> Wydziały Politechniki Gdańskiej
Name and surname of lecturer (lecturers)	Subject supervisor
	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	75.0	0.0	75

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	75	10.0	40.0	125

Subject objectives	On a given real situation based on the findings of the Local Spatial Development Plan,a residential building should be designed based on a spatial, cultural and communication analysismulti-family. The building should build a space consistent with the one presented on the situational charturban layout, creating a compact development together with other buildings. The students' task is to:correct entry into the context of the situation, formulation of an original spatial idea, solutionfunctional and spatial, finding the right architectural form of the building, car park solutionunderground.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U03] is able to prepare a graphic, written and oral presentation of your own design concepts in the field of architecture and urban planning, meeting the requirements of a professional record appropriate for architectural and urban design	is able to prepare a graphic presentation of your own design concepts in the field of architecture and urban planning, meeting the requirements of a professional record appropriate for architectural and urban design	[SU5] Assessment of ability to present the results of task
[K6_W02] knows and understands the rules of gathering information and their interpretation as a part of project concept preparation; issues related to architecture and urban planning in the field of simple design problems solving	Students are able to propose architectural and spatial solutions based on social, ecological and economic criteria.	[SW2] Assessment of knowledge contained in presentation

Subject contents	
	01. Introduction to classes / definition of project groups02. Analysis of the area, architectural, urban and cultural context,allowing for the identification of specific features that determine later solutions03. Defining the spatial idea, presentation of the relationships of the adopted solutionswith the environment, model studies; Formulating the initial conceptual idea of the building togetherwith its location on the plot04. Developing the stage of an architectural idea. Development of an architectural idea05. Development of the initial concept06. Development of an architectural form in terms of concept, establishing a schemestructural layout, communication and other basic spatial decisions07. Development of the architectural concept stage08. Specifying functional solutions09. Development of architectural solutions, forms, colors of the facade, details and individual corrections10. Individual adjustments11. Individual adjustments12. Individual adjustments13. Individual adjustments14. Details of solutions, graphic form of the application15. Projects submisiion
Prerequisites and co-requisites	Completion of the architectural design III

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
architectural solutions taking into account the adaptation to the surrounding conditions and the planned function	10.0%	20.0%
the layout and the way of presenting the project	10.0%	20.0%
urban solutions taking into account the proper reference to the elements of the surrounding space	10.0%	20.0%
functional layout of the facility	10.0%	20.0%
basic design assumptions	10.0%	20.0%

Recommended reading

Basic literature	Neufert, E., Neufert, P., & Neff, L. (2003). Podręcznik projektowania architektoniczno-budowlanego: podstawy, normy, przepisy dotyczące planowania, budowy, kształtowania architektonicznego, potrzebnych przestrzeni i związków między nimi, wymiarów budynków i pomieszczeń: książka dla architektów i inżynierów budowlanych, inwestorów, wykładowców i studentów. Arkady. Korzeniewski W. (1989) - Budownictwo mieszkaniowe - Arkady,Warszawa. Korzeniewski W.(1989) - Budownictwo jednorodzinne - Centralny Ośrodek Informacji Budownictwa, Warszawa. Pallado J. (2016) - Zabudowa wielorodzinna. Podstawy projektowania - Wydawnictwo Politechniki Śląskiej
Supplementary literature	Dz.U. 2002 nr 75 poz. 690, Rozporządzenie Ministra Infrastruktury z dnia 12 kwietnia 2012 r. w sprawie warunków technicznych, jakim powinny odpowiadać budynki i ich usytuowanie tekst ujednolicony. Dz.U. 2020 poz. 1333. Obwieszczenie Marszałka Sejmu Rzeczypospolitej Polskiej z dnia 7 lipca 2020 r. w sprawie ogłoszenia jednolitego tekstu ustawy - Prawo budowlane. Tekst ujednolicony. Webb M. (2018) Architects' Houses, Thames & HudsonJodidio P. (2011) 100 contemporary houses. Tashen, Cologne.
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	1. Development of a site analysis
	2. Development of projections on a scale of 1: 200
	3. Development of the model / mock-up.
	4. Development of the spatial concetpt
Work placement	Not applicable

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