GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Architectural project III, PG_00061212		
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	Polish
Semester of study	3	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Urban Architecture and Waterside Spaces -> Faculty of Architecture -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. arch. Agnieszka Malinowska	
	Teachers	dr inż. arch. Jarosław Bąkowski dr inż. arch. Karolina Życzkowska dr hab. inż. arch. Katarzyna Zielonko-Jung mgr inż. arch. Ziemowit Belter mgr inż. arch. Stanisław Dopierała mgr inż. arch. Agnieszka Malinowska dr inż. arch. Jakub Kołodziejczak mgr inż. arch. Karolina Taraszkiewicz mgr inż. arch. Magdalena Szarejko	

Lesson types

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

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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

Acquiring knowledge and skills in architectural design - single-family house as the basic element of the urban composition. By analyzing a given location and creating a design from idea to concept, the student acquires technical knowledge and skills related to architectural design of small single-family residential buildings.

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	The student is able to present his original concept of a single-family house in the form of a graphic record appropriate for architectural design and in the form of an oral presentation.	[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task
	[K6_U02] is able to design an architectural object or a simple urban complex that meets the aesthetic and technical requirements	is able to design an architectural object, creating and transforming space in order to give it new values – in accordance with a given program that takes into account the requirements and needs of all users; is able to analyze the surroundings of project site and propose appropriate spatial solution. Based on the investor's requirements, the student creates briefing and solves it in the form of conceptual design.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
	[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	knows and understands the principles of architectural design in the field of implementing simple facilities that take into account the basic needs of users in single-family housing developments; is able to present his aesthetic preferences on the basis of the collected information - examples of reference architectural objects as well as is able to prepare a conceptual design of a single-family building in the form of basic drawings: plans, sections, elevations, perspectives and diagrams.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects

Subject contents	Course content – project Analysis of the area, architectural, urban and cultural context and determination of the requirements of the future investor. Presentation of the functional and spatial program for the selected investor. Searching for a formal idea (an architectural idea). Formulating a spatial idea taking into account the architectural and urban context and the characteristics of the selected plot. Development of a basic architectural concept, taking into account the functional program, development of the selected plot. Development of an architectural form in a form of a concept, establishing a scheme of the structural system, communication and other basic spatial decisions. Development of an architectural concept. Detailed functional solutions. Detailed architectural solutions. Development of architectural details. Material and color analysis. Individual consultations. Individual consultations. Specifying design solutions, refining the design graphics. Development of the graphic form of the project. Public presentation of the architectural project.
Prerequisites and co-requisites	The student should have basic knowledge and skills of: 1. the ability to draw and develop architectural drawings, i.e. floor plans, sections, elevations and perspectives (visualization). 2. basic 3d modeling skills and knowledge of CAD drawing tools

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Plot development plan	100.0%	25.0%
Architectural project graphics	100.0%	15.0%
Analysis of the plot and its surroundings	100.0%	10.0%
Public presentation	30.0%	10.0%
Architectural design	100.0%	40.0%

Recommended reading

Basic literature	Neufert E., Podręcznik projektowania architektoniczno-budowlanego. Warunki techniczne, jakim powinny odpowiadać budynki i ich usytuowanie, tekst rozporządzenia (Dz. U. poz. 1608 z 2020 r.). Korzeniowski W., Budownictwo mieszkaniowe. Poradnik projektanta, Arkady, 1989. Pearson D., Przyjazny dom. Wydawnictwo Murator Warszawa, 1998.
Supplementary literature	Wines J., Green Architecture. Taschen, 2000. Zumthor P., Myślenie architekturą, Karakter, Kraków 2010 Salvadori M., Dlaczego budynki stoją, Wydawnictwo Murator Biblioteka Architekta, Warszawa 2001
eResources addresses	

Example issues/ example questions/ tasks being completed	Analyze the context of the surroundings of the selected design plot. Develop a functional program for a single-family building based on the investor's needs and requirements. Design a single-family house based on the developed functional program, taking into account the context of the surroundings. Develop the project graphics and present the project.
Practical activites within the subject	Not applicable

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