



Subject card

Subject name and code	Architectural project III, PG_00052783						
Field of study	Architecture						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2023/2024		
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		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Urban Architecture and Waterscapes -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Jacek Poplatek				
	Teachers		dr inż. arch. Mateusz Gerigk				
			dr inż. arch. Piotr Czyż				
			dr inż. arch. Jarosław Bąkowski				
			dr inż. arch. Jacek Poplatek				
			mgr inż. arch. Stanisław Dopierała				
			mgr inż. arch. Agnieszka Malinowska				
			prof. dr hab. inż. arch. Antoni Taraszkiewicz				
			dr hab. inż. arch. Robert Idem				
			mgr inż. arch. Ziemowit Belter				
mgr inż. arch. Karolina Taraszkiewicz							
dr inż. arch. Jakub Kołodziejczak							
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	60.0	0.0	60
	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	60		8.0		32.0	100
Subject objectives	The main goal of the course is to acquire learning outcomes from the following module components: Architectural design III - 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_U02] is able to design an architectural object or a simple urban complex that meets the aesthetic and technical requirements	The student 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.	[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment
	[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	The student 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.	[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge
	[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.	[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools
Subject contents	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
	Public presentation	10.0%	10.0%
	Plot development plan	10.0%	25.0%
	Architectural design	10.0%	40.0%
	Architectural project graphics	10.0%	15.0%
	Analysis of the plot and its surroundings	10.0%	10.0%
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	Adresy na platformie eNauczanie: SAOZ Projektowanie architektoniczne III 2023-2024 - Moodle ID: 33890 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=33890	
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.		
Work placement	Not applicable		