



Subject card

Subject name and code	Architectural project IV, PG_00055602						
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			English		
Semester of study	4	ECTS credits			5.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of History, Theory of Architecture and Monument Conservation -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Najmeh Hassas					
	Teachers	dr Najmeh Hassas dr inż. arch. Agnieszka Szuta mgr inż. arch. Marta Wojtkiewicz					
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 analysis multi-family. The building should build a space consistent with the one presented on the situational chart urban 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, solution functional and spatial, finding the right architectural form of the building, car park solution underground.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[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		
	[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		

Subject contents	<p>01. Introduction to classes / definition of project groups 02. Analysis of the area, architectural, urban and cultural context, allowing for the identification of specific features that determine later solutions 03. Defining the spatial idea, presentation of the relationships of the adopted solutions with the environment, model studies; Formulating the initial conceptual idea of the building together with its location on the plot 04. Developing the stage of an architectural idea. Development of an architectural idea 05. Development of the initial concept 06. Development of an architectural form in terms of concept, establishing a scheme structural layout, communication and other basic spatial decisions 07. Development of the architectural concept 08. Specifying functional solutions 09. Development of architectural solutions, forms, colors of the facade, details and individual corrections 10. Individual adjustments 11. Individual adjustments 12. Individual adjustments 13. Individual adjustments 14. Details of solutions, graphic form of the application 15. Projects submission</p>																				
Prerequisites and co-requisites	Completion of the architectural design III																				
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 618 794 651">Subject passing criteria</th> <th data-bbox="798 618 1136 651">Passing threshold</th> <th data-bbox="1139 618 1479 651">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 656 794 757">architectural solutions taking into account the adaptation to the surrounding conditions and the planned function</td> <td data-bbox="798 656 1136 757">10.0%</td> <td data-bbox="1139 656 1479 757">20.0%</td> </tr> <tr> <td data-bbox="456 761 794 813">the layout and the way of presenting the project</td> <td data-bbox="798 761 1136 813">10.0%</td> <td data-bbox="1139 761 1479 813">20.0%</td> </tr> <tr> <td data-bbox="456 817 794 918">urban solutions taking into account the proper reference to the elements of the surrounding space</td> <td data-bbox="798 817 1136 918">10.0%</td> <td data-bbox="1139 817 1479 918">20.0%</td> </tr> <tr> <td data-bbox="456 922 794 956">functional layout of the facility</td> <td data-bbox="798 922 1136 956">10.0%</td> <td data-bbox="1139 922 1479 956">20.0%</td> </tr> <tr> <td data-bbox="456 960 794 987">basic design assumptions</td> <td data-bbox="798 960 1136 987">10.0%</td> <td data-bbox="1139 960 1479 987">20.0%</td> </tr> </tbody> </table>			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%
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Recommended reading	Basic literature	<p>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.</p> <p>Korzeniewski W. (1989) - Budownictwo mieszkaniowe - Arkady, Warszawa.</p> <p>Korzeniewski W. (1989) - Budownictwo jednorodzinne - Centralny Ośrodek Informacji Budownictwa, Warszawa.</p> <p>Pallado J. (2016) - Zabudowa wielorodzinna. Podstawy projektowania - Wydawnictwo Politechniki Śląskiej</p>																			
	Supplementary literature	<p>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.</p> <p>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.</p> <p>Webb M. (2018) Architects' Houses, Thames & Hudson Jodidio P. (2011) 100 contemporary houses. Tashen, Cologne.</p>																			
	eResources addresses	<p>Adresy na platformie eNauczanie: Architectural project IV, 2023/24 - Moodle ID: 36894 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=36894</p>																			

Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none">1. Development of a site analysis2. Development of projections on a scale of 1: 2003. Development of the model / mock-up.4. Development of the spatial concept
Work placement	Not applicable