



Subject card

Subject name and code	Architectural project IV, PG_00055602						
Field of study	Architecture						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2022/2023		
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 Eng		
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						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Najmeh Hassas					
	Teachers	dr Najmeh Hassas dr inż. arch. Agnieszka Szuta					
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_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	<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 stage 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="456 622 794 651">Subject passing criteria</th> <th data-bbox="799 622 1137 651">Passing threshold</th> <th data-bbox="1142 622 1481 651">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 658 794 687">basic design assumptions</td> <td data-bbox="799 658 1137 687">10.0%</td> <td data-bbox="1142 658 1481 687">20.0%</td> </tr> <tr> <td data-bbox="456 694 794 723">functional layout of the facility</td> <td data-bbox="799 694 1137 723">10.0%</td> <td data-bbox="1142 694 1481 723">20.0%</td> </tr> <tr> <td data-bbox="456 730 794 824">urban solutions taking into account the proper reference to the elements of the surrounding space</td> <td data-bbox="799 730 1137 824">10.0%</td> <td data-bbox="1142 730 1481 824">20.0%</td> </tr> <tr> <td data-bbox="456 831 794 882">the layout and the way of presenting the project</td> <td data-bbox="799 831 1137 882">10.0%</td> <td data-bbox="1142 831 1481 882">20.0%</td> </tr> <tr> <td data-bbox="456 889 794 987">architectural solutions taking into account the adaptation to the surrounding conditions and the planned function</td> <td data-bbox="799 889 1137 987">10.0%</td> <td data-bbox="1142 889 1481 987">20.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	basic design assumptions	10.0%	20.0%	functional layout of the facility	10.0%	20.0%	urban solutions taking into account the proper reference to the elements of the surrounding space	10.0%	20.0%	the layout and the way of presenting the project	10.0%	20.0%	architectural solutions taking into account the adaptation to the surrounding conditions and the planned function	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, 2022/23, KTHAiKZ - Moodle ID: 29622 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29622</p>																			

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 concept
Work placement	Not applicable

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