



Subject card

Subject name and code	Architectural project IV, PG_00052630						
Field of study	Architecture						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2021/2022		
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		6.0		
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 inż. arch. Bartosz Macikowski dr inż. arch. Agnieszka Szuta dr Najmeh Hassas				
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						
	Address on the e-learning platform: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=22811 Adresy na platformie eNauczanie:						
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		65.0	150
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_U01] is able to use the experience gained during studies to critically analyze the conditions and formulate conclusions for design in an interdisciplinary context		Students consciously exploit ascertain design techniques in their projects according to the regulations currently in force.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K6_U02] is able to design an architectural object or a simple urban complex that meets the aesthetic and technical requirements		Students gain knowledge connected with technical issues and ergonomy of multi-family buildings.		[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		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	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%
	basic design assumptions	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%
Recommended reading	<p>Basic literature</p> <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>		
	<p>Supplementary literature</p> <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</p> <p>Jodidio P. (2011) 100 contemporary houses. Tashen, Cologne.</p>		
	eResources addresses		

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