



Subject card

Subject name and code	Architectural project II, PG_00052605						
Field of study	Architecture						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2020/2021		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study 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	1	Language of instruction			English		
Semester of study	2	ECTS credits			5.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Residential Architecture -> Faculty of Architecture						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. arch. Jacek Krenz				
	Teachers		dr hab. inż. arch. Jacek Krenz				
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						
	Address on the e-learning platform: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=13013 Adresy na platformie eNauczanie: Architectural Project Sem. II 2020/2021 - Moodle ID: 13013 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=13013						
	Additional information: 1. Study of the topic - the style of a chosen artist. 2. Graphic composition in the style of the chosen artist. 3. Three-dimensional composition - transformation of the graphic composition. 4. Architectural concept reflecting selected topic. 5. Portfolio						
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	10.0	55.0	125		
Subject objectives	The aim of the course is to teach the method of creating an architectural form in a style that reflects a given topic drawn in the form of an ideogram.						
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 prepare a graphic and written presentation of his own design concepts in the field of architecture, meeting the requirements of a professional notation appropriate for architectural design	[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	the student is able to design an architectural object that meets the aesthetic and technical requirements	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject				

Subject contents	<p>Task 1. Study of the theme Choose a theme from among 3 sections: A. Works of the artist (Paul Klee, Piet Mondrian, Henri Matisse, Cargaleiro, René Magritte, Mark Rothko, Nicolas de Staël, Franz Kline, Pierre Soulages, Teresa Pagowska, Joan Miró, Joan Waltemath, Katarzyna Kobro, Richard Diebenkorn, MC Escher, Henryk Stażewski, Kazimierz Malewicz, Josef Albers). Use examples to present the characteristics of the work of a selected artist: thematic profile, rules of composition, color palette. Exercise to be made and present in pairs of the same theme.</p> <p>Task 2. Graphic compositions Make 2 color compositions using the characteristic features of the chosen theme. Format: 28x28cm. One of the composition will serve as an artistic ideogram to be developed in design process. Composition - an arrangement of elements juxtaposed with each other in such a way that they form a harmonious whole. A composition is also defined as the work itself, containing the ingredients combined. The aim of the composition is to achieve the intended artistic effect by skilful selection of colors, shapes, proportions, textures and locations of the presented elements, sometimes by arranging similar components, and sometimes by juxtaposing them by means of contrast. The composition also often uses certain structures known from geometry, such as symmetry or the golden ratio. Appropriate use of these tools allows for the expression of moods, feelings that the recipient may experience - for example, a feeling of static, order, balance, harmony, as well as dynamics, chaos or imbalance can be obtained.</p> <p>Task 3. Three-dimensional composition Make a three-dimensional model with dimensions of 14x14x14cm based on the selected composition from task 2. Basic material: white "beer" cardboard or 3 - 5mm thick kapa (foam). A few implementation notes: Some flat artwork may be difficult to convert to a 3D model due to their complexity. So you can omit redundant elements or select a fragment. It is important to keep the topic visible. We do not build a model of closed boxes, because we want to see what is inside too. Architecture is not about building blocks, but about building spaces for people to use both outside and inside. It is creating divisions between the outer and inner space. Scope of the study: - model, - Sheet 1 Spatial interpretation of a flat composition in the style ofshowing the process of reaching the concept from flat to spatial - photos and comments. - Sheet 2 Spatial composition with 3-4 photos of the model. Photo format: 12x12cm. Arial 18 title font and Arial 12 descriptions font.</p> <p>Task 4. Architectural concept Design an architectural object with a simple function devoted to a selected topic in a suitable style. There is a 7 m wide space to be developed, between two walls 14m long and 3.5 - 7m high. This space is accessible from the street; and leads to the park on the other side. The design should take into account the perception of passing through the object composed with the arrangement of elements, materials and colors. Pay particular attention to the relationship between the outer and inner space. Elements of the external space: approach to the facility, facade, terrace, patio, garden, greenery, pergola, water surface. Elements of internal space: walls, level differences, stairs, ramps, furniture, lighting. Functional program: - entry zone with reception (information, sale of publications and souvenirs, catalogs) - service zone (toilet, bar, warehouse) - exhibition or workshop area or consumption room. Scope of the study: - 1:50 scale model The model will be subject to modifications to adapt to functional and construction requirements. It is a small-sized facility, it can be one-story or two-story, e.g. a bar, an ice cream shop, a small gallery, a shop, or a studio. There should be a division into operated and serviced part. The serviced part must be accessible to the disabled and equipped with 1 universal toilet. Drawing documentation - drawings: plans, front and rear facade, longitudinal and transverse section in 1:50 scale - detail - furniture, lighting, - color axonometry in a scale of 1:50 (treat the front longitudinal wall as a transparent contour). - board with photos of the model - 1x A3 The project is to take into account the relevant requirements contained in the Regulation of the Minister of Infrastructure on technical conditions to be met by buildings and their location (Rozporządzeniu Ministra Infrastruktury w sprawie warunków technicznych, jakim powinny odpowiadać budynki i ich usytuowanie). Drawing documentation should be prepared in accordance with the accepted standards of architectural drawings.</p> <p>Task 5. Portfolio. Present the full series of exercises in the form of a set of original drawings with a description or in the form of a printout of a computer-prepared presentation.</p> <p>Task 6. Video. Make video presenting the concept development process. Time limit 2minutes</p>								
Prerequisites and co-requisites	There are no prerequisites.								
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="453 1615 791 1644">Subject passing criteria</th> <th data-bbox="799 1615 1139 1644">Passing threshold</th> <th data-bbox="1147 1615 1485 1644">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="453 1648 791 1720">content-related and aesthetic value of the exercise solution, attendance, commitment.</td> <td data-bbox="799 1648 1139 1720">50.0%</td> <td data-bbox="1147 1648 1485 1720">100.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	content-related and aesthetic value of the exercise solution, attendance, commitment.	50.0%	100.0%		
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Recommended reading	Basic literature	<p>Ching D.K. Francis: Architecture - Form, Space and Order https://www.pdfdrive.com/architecture-form-space-and-order-4th-edition-d183724577.html</p> <p>Itten J.: Sztuka barwy. d2d.pl, 2020</p> <p>Krenz J.: Ideogram: From Idea to Architectural Form. Covilha: Universidade da Beira Interior, 2014, ISBN 978-989-654-146-0</p> <p>Ernst Neufert. ARCHITECTS' DATA Żórawski J.: O budowie formy architektonicznej. Warszawa. Arkady 1973. The relationship between form and space https://youtu.be/GvWOaKZPtWs</p> <p>Experiencing space: Lindy Atkin at TEDxNoosa 2014 https://youtu.be/hWYnO1uknnQ</p>							

	Supplementary literature	<p>Żórawski J.: O budowie formy architektonicznej. Warszawa. Arkady 1973. The relationship between form and space https://youtu.be/GvWOaKZPtWs</p> <p>Experiencing space: Lindy Atkin at TEDxNoosa 2014 https://youtu.be/hWYnO1uknnQ</p>
	eResources addresses	<p>Architectural Project Sem. II 2020/2021 - Moodle ID: 13013 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=13013</p>
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	