



Subject card

Subject name and code	Architectural and Urban Theories in Revitalisation Process, PG_00071472						
Field of study	Architecture						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	second-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		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department of Housing and Architecture of Public Buildings -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Ksenia Piątkowska				
	Teachers		dr inż. arch. Ksenia Piątkowska prof. dr hab. inż. arch. Piotr Lorens prof. dr hab. inż. arch. Lucyna Nyka				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	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	30		2.0		18.0	50
Subject objectives	The aim is to discuss the architectural revitalization of objects, complexes of buildings in relation to contemporary architectural and conservation theories in Europe and worldwide. The report is based on examples of revitalization of buildings with different architecture, original function, scale, in different urban-socio-economic conditions. Each of the examples explains the reason for undertaking revitalization activities, their intended purpose, instruments that were used expecting to achieve the planned effects and the final result of the activities carried out.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W03] knows and understands the history and theory of architecture as well as art, technology and humanities to the extent necessary for the proper performance of architectural designs; advanced issues related to architecture and urban planning useful for designing architectural objects and urban complexes in the social, cultural, natural, historical, economic, legal context and other non-technical conditions of engineering activities, integrating knowledge acquired during studies	knows and understands advanced theory of architecture and urban planning useful for formulating and solving complex tasks in the field of architectural and urban design and spatial planning, as well as development trends and current directions in architectural and urban design; knows various conservation theories regarding regeneration and revitalisation, he can apply the suitable preservation instruments within the designing process	[SW1] Assessment of factual knowledge
	[K7_W04] knows and understands the relationships between man and architecture and between architecture and the surrounding environment, and the need to adapt architecture to human needs and scale; problems of physics, technology and functions of buildings to the extent that ensures comfort of use and protection against the atmospheric factors; methods and means of implementing environmentally responsible sustainable design as well as protection and conservation of the surrounding environment	knows and understands issues related to architectural design, urban planning and spatial planning, such as technical infrastructure, communication, natural environment, landscape architecture, economic, legal and social conditions – necessary to understand the social, economic, ecological, natural, historical, cultural, legal and other non-technical conditions of engineering activities and recognizes the need to take them into account in architectural design, urban planning, rural planning and spatial planning; can define architectural and urban tools that have been used in the case of a given approach to revitalisation problems of areas and objects located on them under conservation protection	[SW2] Assessment of knowledge contained in presentation
Subject contents	Course content – lecture Architecture: The subject focuses on explaining and solving the problem of architectural revitalization problematic urban areas, among others existing down-town complexes, areas and objects in post-industrial, post-military, post-port areas, etc. It presents a range of architectural, engineering and technological activities that, while maintaining historical substance or presenting other protected values, restore the object or complex of buildings in economic and social terms. Urbanism:1. The specifics of the contemporary city2. Contemporary planning for urban transformation3. Planning the contemporary city4. Sustainable urban development5. Compact city6. Urban regeneration7. Basic types of urban degradation8. Key examples of successful urban transformation9. Planning for urban transformation and regeneration10. Issues in comprehensive planning for urban regeneration11. Public participation12. Implementation strategies13. Urban heritage and shared heritage14. Further challenges15. Composing urban structures		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written exam	60.0%	100.0%
Recommended reading	Basic literature	- Merlino, Kathryn Rogers: Building Reuse: Sustainability, Preservation, and the Value of Design, 2018 - Insall, Donald: Living Buildings: Architectural Conservation, Philosophy, Principles and Practice, 2008 - International Journal of Architectural Heritage - JOURNAL OF CULTURAL HERITAGE, Elsevier - International Journal of Heritage Studies - International Journal of Design - STUDIES IN CONSERVATION, Journal - Research in Engineering Design -Theory, Applications, and Concurrent Engineering, Journal - Rebecca N. Perry: Building for the Future: Revitalization through Architecture, 2015	

	Supplementary literature	• Revitalization Of Modernization Heritage, A&U 521, 2014 • Build Heritage, Conservation and Revitalisation, Journal • Orbasli, Aylin: Architectural Conservation: Principles and Practice, 2007 • Mason, Randall;Page, Max: Giving Preservation a History: Histories of Historic Preservation in the United States, 2019
	eResources addresses	
Example issues/ example questions/ tasks being completed	Compare the process of reintegration and restoration on the examples of historical architectural structures adapted to a new function? What is the creation of a dependency pyramid in the process of preparing a revitalization strategy for a given area under conservation protection? Can an architectural object be revitalized?	
Practical activities within the subject	Not applicable	

Document generated electronically. Does not require a seal or signature.