



Subject card

Subject name and code	Inventory practice. Historical and architectural documentation, PG_00061529						
Field of study	Architecture						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
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	2	Language of instruction			Polish		
Semester of study	4	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of History of Architecture and Conservation of Monuments -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. arch. Jakub Szczepański					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	10.0	0.0	10
	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	10	3.0	62.0	75		
Subject objectives	The aim of this course is to acquaint students with the basic methods of measuring historic objects, the development of techniques for their measurements and the practical application of these skills.						
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	knows and understands the rules of gathering information and their interpretation			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_K03] is ready to take responsibility for architectural and urban values in environmental protection and cultural heritage	is ready to take responsibility for architectural and urban values in environmental protection and cultural heritage			[SK3] Assessment of ability to organize work		
	[K6_U04] is able to use analytical methods to formulate and solve project tasks	is able to use analytical methods to formulate and solve design tasks			[SU4] Assessment of ability to use methods and tools		
Subject contents	<p>Course content – project</p> <ol style="list-style-type: none"> <li>1. Introduction. Aim and significance of performing architectural inventory</li> <li>2. Base-map and its use in architecture</li> <li>3. Main object and complex measurement equipment (steel square, band, rangefinder, dumpy level, theodolite, scanning laser)</li> <li>4. Plan measurement methods (warp, traverse)</li> <li>5. Elevation, cross section measurement methods (setting horizontal surface, measuring angles, measuring height)</li> <li>6. Architectural details measurement and survey methods</li> <li>7. On-site training.</li> </ol>						
Prerequisites and co-requisites	Inventory practice is compulsorily related to this course.						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	architectural inventory of monument	60.0%			100.0%		

Recommended reading	Basic literature	M. Brykowska, Podstawowe metody pomiarów i badań zabytków architektury, Warszawa: Oficyna Wydawnicza Politechniki Warszawskiej, 2003.
	Supplementary literature	selected individually
	eResources addresses	
Example issues/ example questions/ tasks being completed	portal to the tenement house from the 19th century with an inventory of the door joinery cross-section through the gothic church in Pruszcz Gdański plan of all floors of the Jacek Tower facade of the tenement house from the 17th century wall layout inside the Great Mill in Gdańsk. gothic stalls in the presbytery of the church of St. Trinity in Gdańsk	
Practical activities within the subject	Field exercises	

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