



Subject card

Subject name and code	Methodology of scientific work, PG_00067130						
Field of study	Photogrammetry and remote sensing						
Date of commencement of studies	February 2025		Academic year of realisation of subject				
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		blended-learning		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		1.0		
Learning profile			Assessment form		assessment		
Conducting unit	Department of History of Architecture and Conservation of Monuments -> Faculty of Architecture -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. arch. Jakub Szczepański				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	5.0	0.0	0.0	0.0	5.0	10
	E-learning hours included: 5.0						
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		2.0		13.0	25
Subject objectives	The aim of the course is to master the methodology of scientific work specific to the discipline of architecture and urban planning.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U101] is able to formulate complex research problems and adopts appropriate methods, obtaining innovative solutions, cooperating with other people, both as a leader and a team member		Can obtain information from literature, databases, and other sources, including in a foreign language used for international communication, for use in the design process or – to a basic extent – in scientific activities; prepare a scientific study, defining the subject, scope, and purpose of the research;		[SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_K101] acknowledges the importance of knowledge related to the field of study in solving cognitive and practical problems, critically assessing the information obtained		recognizes the importance of knowledge related to architecture and urban planning in solving cognitive and practical problems, critically assessing the information obtained		[SK3] Assessment of ability to organize work [SK1] Assessment of group work skills		
	[K7_W101] is able to make an in-depth identification of key objects and phenomena related to the field of study, as well as theories that describe them and applicable analytical and design methods		knows and understands the basic principles of scientific research methodology, knows and understands the theoretical foundations of scientific reasoning and conducting research to the extent necessary to carry out complex design tasks, as well as to interpret scientific studies in the scientific discipline of architecture and urban planning;		[SW3] Assessment of knowledge contained in written work and projects		

Subject contents	1. The science-education relationship. The place of architecture in the higher education system. Classification of the sciences.		
	2. The problem of the increasing amount of knowledge in the modern world. Assessment of the value of a scientific article.		
	3. Footnotes (Harvard Referencing System and Vancouver Reference Style).		
	4. The issue of copyright in scientific texts. Plagiarism. Creative Commons system.		
	5. Structure of a scientific article. IMRAD (Introduction, Method, Results and Discussion)		
	6. Research methods in the discipline of architecture and town planning.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	essay	100.0%	100.0%
Recommended reading	Basic literature	1. Jarosław Zieliński, <i>Metodologia pracy naukowej</i> , Oficyna Wydawnicza ASPRA-JR, 2012 2. Siuda Piotr, Wasylczyk Piotr, <i>Publikacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko</i> , Wydawnictwo Naukowe PWN, 2018	
	Supplementary literature	.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	List the research methods used in the discipline of architecture and urban planning.		
Work placement	Not applicable		

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