GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Methodology of scientific work, PG_00067329						
Field of study	Methodology of scientific work						
Date of commencement of studies	October 2025		Academic year of realisation of subject	2025/2026			
Education level	second-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery	at the university			
Year of study	1		Language of instruction	English			
Semester of study	1		ECTS credits	1.0			
Learning profile	general academic 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						
	Teachers						

Lesson types	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: 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	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_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] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym
[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] Ocena umiejętności organizacji pracy [SK1] Ocena umiejętności pracy w grupie
[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] Ocena umiejętności wykorzystania wiedzy uzyskanej w ramach przedmiotu

<table>
<tr><td>Subject contents</td><td>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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>essay</td><td>100.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>1. Jarosław Zieliński, Metodologia pracy naukowej, Oficyna Wydawnicza ASPRA-JR, 2012
2. Siuda Piotr , Wasylczyk Piotr, Publikacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko, Wydawnictwo Naukowe PWN, 2018</td></tr><tr><td>Supplementary literature</td><td>.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>List the research methods used in the discipline of architecture and urban planning.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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