

Subject card

Subject name and code	Diploma thesis 1, PG_00045314								
Field of study	Diploma thesis 1								
Date of commencement of studies	October 2023		Academic year of realisation of subject			2025/2026			
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	3		Language of instruction			Polish			
Semester of study	6		ECTS credits			4.0			
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Department of Informatics In Management -> Faculty of Management and Economics -> Wydziały Politechniki Gdańskiej								
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Igor Garnik						
	Teachers			1		<u> </u>			
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM	
	Number of study hours	0.0	0.0	0.0	15.0		0.0	15	
	E-learning hours included: 0.0								
Learning activity and number of study hours	Learning activity	arning activity Participation in classes includ		Participation in consultation hours		Self-study		SUM	
	Number of study hours	15		10.0		75.0		100	
Subject objectives	Preparing the student to write a substantive engineering thesis(searching for literature, problem formulation, data collection, selection of solution methods, interpretation of results)and formal (preparation of the text of the work in accordance with the applicable rules).								
Learning outcomes	Course outcome		Subject outcome			Method of verification			
	[K6_U02] designs, analyses correctness and creates functional specification of IT systems, selects appropriate measures, creates quality models, prepares and assesses their design documentation.		The student creates the specification of the IT system along with the project documentation.			[SU4] Ocena umiejętności korzystania z metod i narzędzi [SU3] Ocena umiejętności wykorzystania wiedzy uzyskanej w ramach przedmiotu [SU2] Ocena umiejętności analizy informacji [SU1] Ocena realizacji zadania			
	[K6_K01] is aware of quickly changing trends and the resulting need for further education and self-improvement in the area of the performed profession of an engineer with IT and economic-financial skills.		The student understands the need for continuous learning, improving professional, personal and social competences.			[SK5] Ocena umiejętności rozwiązywania problemów występujących w praktyce			
	[K6_U13] Is able to prepare, independently and in a team, studies and analyses appropriate for the field of data engineering.		The student presents the concept of solving the research problem using quantitative and qualitative methods.			[SU4] Ocena umiejętności korzystania z metod i narzędzi [SU2] Ocena umiejętności analizy informacji [SU1] Ocena realizacji zadania			
	[K6_W15] Knows the concepts and principles regarding the protection of industrial property and copyright		The student recognizes and recalls relevant provisions regarding copyright protection.			[SW1] Ocena wiedzy faktograficznej			
	[K6_K03] Knows how to cooperate or work in a project team and take managerial or executive functions.		The student is able to work in a project team and assume managerial or executive functions.			[SK3] Ocena umiejętności organizacji pracy [SK1] Ocena umiejętności pracy w grupie			

Subject contents	Course content – project Formal aspects of preparing a thesis.						
	Formulation of the research problem. Search and analysis of the literature on the subject.						
	Collecting data from various sources: surveys, observations, statistical data, documentation.						
	Selection of the method of solving the problem. Solving the problem and interpreting the results.						
	Conclusions confirming the solution of the problem.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade				
	scope of the thesis, one chapter of the thesis	60.0%	100.0%				
Recommended reading	Basic literature	reading list appropriate for the specificity of the diploma thesis					
9	Supplementary literature none						
	Resources addresses						
Example issues/ example questions/ tasks being completed							
Practical activites within the subject	Not applicable						

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