



Subject card

Subject name and code	Diploma thesis 2, PG_00045315						
Field of study	Data Engineering, Data Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2029/2030		
Education level	first-cycle studies	Subject group			Optional subject group 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	4	Language of instruction			Polish		
Semester of study	7	ECTS credits			10.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Informatics In Management -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Igor Garnik					
	Teachers	dr inż. Igor Garnik					
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	45.0	0.0	45
	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	45	20.0		185.0	250	
Subject objectives	Preparing students to write engineering thesis in the substantive scope (search literature, formulate the problem, data collection, selection methods of solution, interpretation of results) and formal scope (text preparation work in accordance with the applicable rules).						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U06] acquires new knowledge, planning its own development in aiming at achieving defined goals	acquires the knowledge needed to achieve the goals of the written diploma thesis			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K6_W04] demonstrates creative and entrepreneurial activity in formulating and implementing innovative ideas	creatively formulates and implements the goals of the diploma thesis being created			[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		

Subject contents	<p>Course content – project</p> <p>The formal aspects of preparing a thesis.</p> <p>The formulation of the research problem.</p> <p>Finding and analyzing literature.</p> <p>Collection of data from different sources: surveys, observations, statistics, documentation.</p> <p>The choice of methods to solve the problem.</p> <p>Solving the problem and interpretation of results.</p> <p>Confirmation of solutions.</p>								
Prerequisites and co-requisites	registration for the diploma semester								
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 891 786 920">Subject passing criteria</th> <th data-bbox="799 891 1139 920">Passing threshold</th> <th data-bbox="1152 891 1469 920">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 927 786 956">diploma thesis</td> <td data-bbox="799 927 1139 956">60.0%</td> <td data-bbox="1152 927 1469 956">100.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	diploma thesis	60.0%	100.0%		
Subject passing criteria	Passing threshold	Percentage of the final grade							
diploma thesis	60.0%	100.0%							
Recommended reading	Basic literature	Bibliography appropriate for the specificity of the thesis							
	Supplementary literature	none							
	eResources addresses								
Example issues/ example questions/ tasks being completed	<p>The formal aspects of preparing a thesis.</p> <p>The formulation of the research problem.</p> <p>Finding and analyzing literature.</p> <p>Collection of data from different sources: surveys, observations, statistics, documentation.</p> <p>The choice of methods to solve the problem.</p> <p>Solving the problem and interpretation of results.</p> <p>Confirmation of solutions.</p> <p>Writing the diploma thesis Preparation of a presentation for defense.</p>								
Practical activities within the subject	Not applicable								

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