



## Subject card

Subject name and code	Diploma seminar, PG_00045368						
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			English		
Semester of study	7	ECTS credits			2.0		
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	30.0	0.0	30
	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	30	0.0		20.0		50
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_W06] classifies the acquired information, assessing its usefulness in solving the formulated problems	critically evaluates the usefulness of the acquired knowledge for achieving the goals of the diploma thesis			[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K6_U02] prepares and presents convincingly professional presentations of the results of undertaken activities, with their advanced interpretation	develops and presents the results of research as part of the diploma project being created			[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_K01] demonstrates awareness of legal, ethical and cultural diversity issues, making socially responsible decisions	respects copyright when writing a thesis			[SK3] Assessment of ability to organize work [SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice		

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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