



## Subject card

Subject name and code	Diploma thesis 1, PG_00045314						
Field of study	Data Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject				2023/2024	
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						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	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	Participation in didactic classes included in study plan	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_U13] Is able to prepare, independently and in a team, studies and analyses appropriate for the field of data engineering.						
	[K6_W15] Knows the basic concepts and principles regarding the protection of industrial property and copyright						
	[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.			[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work		
	[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] Assessment of ability to solve problems that arise in practice		
	[K6_U02] designs, analyses correctness and creates functional specification of IT systems, selects appropriate measures, creates quality models, prepares and assesses their design documentation.						

Subject contents	<p>Formal aspects of preparing a thesis.</p> <p>Formulation of the research problem.</p> <p>Search and analysis of the literature on the subject.</p> <p>Collecting data from various sources: surveys, observations, statistical data, documentation.</p> <p>Selection of the method of solving the problem.</p> <p>Solving the problem and interpreting the results.</p> <p>Conclusions confirming the solution of the problem.</p>								
Prerequisites and co-requisites									
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 869 798 898">Subject passing criteria</th> <th data-bbox="801 869 1142 898">Passing threshold</th> <th data-bbox="1145 869 1485 898">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 902 798 947">scope of the thesis, one chapter of the thesis</td> <td data-bbox="801 902 1142 947">60.0%</td> <td data-bbox="1145 902 1485 947">100.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	scope of the thesis, one chapter of the thesis	60.0%	100.0%		
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							
	Supplementary literature	none							
	eResources addresses								
Example issues/ example questions/ tasks being completed									
Work placement	Not applicable								