



Subject card

Subject name and code	Diploma thesis 1, PG_00045314						
Field of study	Data Engineering						
Date of commencement of studies	October 2025		Academic year of realisation of subject			2027/2028	
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		dr inż. Anna Trzaskowska				
	Teachers		dr inż. Anna Trzaskowska				
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_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	
	[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_K03] demonstrates the ability to think critically and analytically and integrates knowledge from many disciplines in order to make effective decisions		uses analytical thinking skills to complete diploma project			[SK2] Assessment of progress of work [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	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	
	Supplementary literature	none	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	defining the purpose of the thesis selecting research methods and tools		
Work placement	Not applicable		

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