



Subject card

Subject name and code	DIPLOMA LABORATORY I, PG_00064357						
Field of study	Corrosion						
Date of commencement of studies	February 2025		Academic year of realisation of subject		2025/2026		
Education level	second-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	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Pharmaceutical Technology and Biochemistry -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Andrzej Miszczyk				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	0.0	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		5.0		15.0	50
Subject objectives	The aim of the course is to carry out the necessary research required for the completion of the masters thesis.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U05] uses computer methods for data analysis, modelling and simulation uses instrumental methods applied to corrosion and related fields		the student applies data analysis methods, modeling and simulations using computer programs and also uses instrumental methods appropriate for the study of corrosion and corrosion-related phenomena		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K7_W03] select appropriate apparatus and data analysis methods, including statistical and modelling, useful for solving scientific and technological problems		the student is able to select equipment and methods for processing results that allow for solving scientific and technological issues		[SW1] Assessment of factual knowledge		
	[K7_U03] designs innovative technological solutions for obtaining useful goods based on the latest knowledge in accordance with the current scientific literature		the student is able to design modern technological solutions that will result in the creation of goods that reflect the latest state of knowledge, consistent with the current scientific literature		[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_K04] is aware of his/her responsibility for taking decisions, respecting and developing principles of professional ethics and acting in accordance with these principles		the student makes conscious decisions taking into account the principles of professional ethics and responsibility for their consequences, and strives to respect them in the professional environment		[SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Course content – laboratory						
	Content defined by the supervisor and/or the masters thesis advisor.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Report on the conducted research	60.0%	100.0%
Recommended reading	Basic literature	Recommended by the supervisor.	
	Supplementary literature	Recommended by the supervisor.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Content defined by the thesis supervisor, constituting a challenge whose solution is sufficient for obtaining the masters degree.		
Practical activites within the subject	Not applicable		

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