



Subject card

Subject name and code	Diploma Laboratory I, PG_00064305						
Field of study	Chemical Technology						
Date of commencement of studies	February 2025		Academic year of realisation of subject		2025/2026		
Education level	second-cycle studies		Subject group				
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. Tomasz Laskowski				
	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_U01] designs experiments using computer methods of data analysis, computer simulations and based on the state of the knowledge in accordance with the latest scientific literature		The student consciously designs experimental work using measurement plans and following protocols described in scientific publications.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task		
	[K7_W05] recognises the key developments in research, apparatus and technology in technology and related fields		The student understands the background of the assigned research problem and is able to assess the current state of knowledge in the field, thereby gaining awareness of the element of scientific novelty contained in their research.		[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K7_U05] uses instrumental methods applied in technology and related fields		The student is able to deliberately and correctly use analytical, spectroscopic and other instrumental techniques to generate experimental data, assess their quality, and interpret the results.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools		
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 activities within the subject	Not applicable	

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