GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Laboratory I, PG_00064316		
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	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. Monika Wilamowska-Zawłocka	
	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_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
[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

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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