GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	DIPLOMA LABORATORY II, PG_00064327		
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	2	Language of instruction	Polish
Semester of study	3	ECTS credits	7.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Analytical Chemistry -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Małgorzata Rutkowska	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	75.0	0.0	0.0	75

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	75	15.0	85.0	175

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_U02] carries out experiments using properly selected techniques and apparatus, taking advantage of new developments in technology and related fields	The student is able to independently design and conduct experiments by selecting appropriate modern equipment and research techniques, utilizing the latest technological advancements and developments from related scientific fields.	[SU1] Assessment of task fulfilment [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 [SU5] Assessment of ability to present the results of task
[K7_U07] takes into account ethical issues and regulations in research planning and product and process design	The student is able to identify and apply ethical standards and legal regulations during the research planning and technological design phases, ensuring their responsible and safe implementation.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
[K7_W06] integrates knowledge from different disciplines, principles of intellectual property protection and patent law, relevant for appropriate interpretation and application in scientific, sustainable economic activities	The student has a knowledge with intellectual property and patent law requirements to effectively implement scientific and business solutions in an ethical and environmentally friendly manner (in line with sustainable development)	[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation

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
	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	

Document generated electronically. Does not require a seal or signature.