GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	DIPLOMA LABORATORY II, PG_00063505		
Field of study	Biotechnology		
Date of commencement of studies	October 2024	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	4	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Chemistry Technology and Biotechnology of Food -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Paweł Filipkowski	
	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	10.0	40.0	125

Subject objectives

Mater Thesis

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U08] prepares documentation of experiments and technological processes using professional terminology in biotechnology and related fields	The student is able to produce clear and professional experimental and technical documentation in biotechnology and related fields, using precise scientific terminology, including in the description of the comet assay.	[SU5] Assessment of ability to present the results of task
[K7_U06] plans research and designs biotechnological products and processes taking into account legal regulations and bioethical principles	The student plans research and designs biotechnological products and processes, taking into account GLP	[SU4] Assessment of ability to use methods and tools
[K7_K01] understands the need to constantly update knowledge based on the state of the art in accordance with the latest scientific literature, improve professional skills and the importance of teamwork	understands the need to constantly update knowledge based on the latest scientific literature about microplastics	[SK2] Assessment of progress of work
[K7_K03] understands the social role and importance of providing reliable information and opinions to the public	The student understands the social role and importance of providing reliable information and opinions to society on micriplastics.	[SK4] Assessment of communication skills, including language correctness

Subject contents

Course content – laboratory
Master thesis preparations

Prerequisites and co-requisites

Previous semesters passed

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Theoretical introduction	60.0%	33.0%
	Analysis and description of the obtained results	60.0%	34.0%
	Planning, preparing and conducting experiments	60.0%	33.0%
Recommended reading	Basic literature	previous from the course of studies	
	Supplementary literature	interenet	
	eResources addresses		
Example issues/ example questions/ tasks being completed	CA		
Practical activites within the subject	Not applicable		

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