



Subject card

Subject name and code	DIPLOMA LABORATORY I, PG_00063500						
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	3		ECTS credits		2.0		
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	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	Realizacja pracy dyplomowej						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U04] predicts the interaction of biomolecules and biologically active compounds on living organisms and the course of processes involving them based on knowledge in biology, biotechnology and related fields and computer methods of data analysis, modeling and simulation		przewiduje oddziaływanie biomolekuł i związków biologicznie czynnych na organizmy żywe oraz przebieg procesów z ich udziałem w oparciu o wiedzę w zakresie biologii, biotechnologii i dziedzin pokrewnych oraz komputerowe metody analizy danych, modelowania i symulacji		[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information		
	[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		rozumie konieczność nieustannej aktualizacji wiedzy w oparciu o stan wiedzy zgodny z najnowszą literaturą naukową, doskonalenia umiejętności profesjonalnych i znaczenia działania zespołowego		[SK4] Assessment of communication skills, including language correctness		
	[K7_W07] has the skills to design experiments with respect to the protection of intellectual property and the principles of bioethics and applicable legislation		ma umiejętności projektowania eksperymentów z zachowaniem ochrony własności intelektualnej oraz zasad bioetyki i obowiązujących przepisów prawnych		[SW3] Assessment of knowledge contained in written work and projects		
	[K7_W06] recognizes the technological and scientific, as well as organizational and economic opportunities and limitations in biotechnology and related fields		rozpoznaje możliwości i ograniczenia technologiczne i naukowe, a także organizacyjne i ekonomiczne w biotechnologii i dziedzinach pokrewnych		[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Course content – laboratory zgodnie z tematem pracy dyplomowej						
Prerequisites and co-requisites	zaliczone wcześniejsze kursy zgodnie z planem studiów						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		90.0%	100.0%
Recommended reading	Basic literature	uszczegółowiona w propozycji tematu pracy dyplomowej	
	Supplementary literature	zgodnie z potrzebami	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Wstęp teoretyczny		
Practical activities within the subject	Not applicable		

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