



Subject card

Subject name and code	DIPLOMA LABORATORY, PG_00048907						
Field of study	Biotechnology						
Date of commencement of studies	February 2023		Academic year of realisation of subject		2023/2024		
Education level	second-cycle studies		Subject group		Obligatory subject group 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		5.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Chemistry, Technology and Biochemistry of Food -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Hanna Staroszczyk				
	Teachers						
Lesson types and methods of instruction	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	Preparation of material for writing the diploma thesis, taking into account the obtained results of experimental work, which will use various research techniques, discussed in the process of teaching in the field of Biotechnology						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
Subject contents	Prepare a critical review of the literature related to the topic of the thesis - written work						
	Planning and conducting experiments related to the topic of the thesis - laboratory						
	Describing and discussing the obtained results of experimental work - written work						
Prerequisites and co-requisites	Knowledge of rules required in a chemical and microbiological laboratory. Skills of work with the basic equipment and ability to carry out elementary analyses.						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Knowledge of the literature related to the topic of the study		60.0%		40.0%		
	Planning of the research		60.0%		30.0%		
	Practical mastery of research methods		60.0%		30.0%		
Recommended reading	Basic literature		Published journal papers, books and other sources related to the subject of the thesis.				
	Supplementary literature		No recommendations				
	eResources addresses		Adresy na platformie eNauczanie:				

<p>Example issues/ example questions/ tasks being completed</p>	<ol style="list-style-type: none"> 1. Develop a thesis outline. 2. Using available literature prepare the theoretical part of the thesis. 3. Characterize raw materials and reagents, determine the methodology of research. 4. Conduct experiments. 5. Describe and discuss the results obtained.
<p>Work placement</p>	<p>Not applicable</p>