



## Subject card

Subject name and code	DIPLOMA SEMINAR, PG_00063506						
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		
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			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 hab. inż. Hanna Staroszczyk					
	Teachers	dr hab. inż. Hanna Staroszczyk					
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	15
	E-learning hours included: 0.0						
	eNauczenie source address: <a href="https://enauczenie.pg.edu.pl/2025/course/view.php?id=4080">https://enauczenie.pg.edu.pl/2025/course/view.php?id=4080</a>						
	Additional information:  Seminar classes are held at the university. The teacher posts all necessary materials and presentations prepared by each student on the e-course on the eNauczenie platform.						
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	15	2.0	33.0	50		
Subject objectives	The aim of the course is to teach students how to prepare and present their diploma thesis and discuss its results in the form of a diploma thesis.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U06] plans research and designs biotechnological products and processes taking into account legal regulations and bioethical principles	The student applies legal regulations and bioethical principles in the design of biotechnological products and processes.			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_K03] understands the social role and importance of providing reliable information and opinions to the public	The student is ready to organize their own work and cooperate in conducting experiments, as well as to present and discuss the results obtained.			[SK2] Assessment of progress of work [SK3] Assessment of ability to organize work		
	[K7_W05] identifies crucial developments in research, apparatus and technology in biotechnology and related fields	The student is familiar with key areas of development in research, equipment, and techniques in biotechnology, including those related to food biotechnology.			[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K7_U08] prepares documentation of experiments and technological processes using professional terminology in biotechnology and related fields	The student is able to use analytical methods applied in biotechnology and analyze and present the obtained results.			[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		

Subject contents	<p>Course content – seminar</p> <p>The course consists of four components:</p> <ol style="list-style-type: none"> <li>1. The lecturer presents the general guidelines for writing a diploma thesis and discusses methods of searching the literature using professional literature databases.</li> <li>2. Students present multimedia presentations of their diploma theses.</li> <li>3. Students present multimedia presentations showing the results of experiments conducted as part of their diploma theses.</li> <li>4. Students prepare a short written report (approx. one page) presenting the objective, assumptions, and plan of their diploma thesis.</li> </ol>														
Prerequisites and co-requisites	<p>Students must complete the full cycle of education at the first and second levels of study, as the diploma seminar is the final course subject. Students must simultaneously complete a diploma laboratory as part of their diploma project.</p>														
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 376 794 405">Subject passing criteria</th> <th data-bbox="799 376 1137 405">Passing threshold</th> <th data-bbox="1142 376 1481 405">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 412 794 463">preparation of one question for the diploma exam</td> <td data-bbox="799 412 1137 463">60.0%</td> <td data-bbox="1142 412 1481 463">10.0%</td> </tr> <tr> <td data-bbox="456 470 794 544">preparation of a written paper based on the experimental part of the diploma thesis</td> <td data-bbox="799 470 1137 544">60.0%</td> <td data-bbox="1142 470 1481 544">45.0%</td> </tr> <tr> <td data-bbox="456 551 794 580">preparation of presentation</td> <td data-bbox="799 551 1137 580">60.0%</td> <td data-bbox="1142 551 1481 580">45.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	preparation of one question for the diploma exam	60.0%	10.0%	preparation of a written paper based on the experimental part of the diploma thesis	60.0%	45.0%	preparation of presentation	60.0%	45.0%
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Recommended reading	Basic literature	Literature databases offered by the Gdańsk University of Technology Library: -Web of Science -SciFinder -Scopus													
	Supplementary literature	Public databases: Protein Data Bank (structural database) UNIPROT (bioinformatics database)													
	eResources addresses	Supplementary <a href="https://enauczanie.pg.edu.pl/2025/course/view.php?id=4080">https://enauczanie.pg.edu.pl/2025/course/view.php?id=4080</a> - Addresses on the eNauczanie platform: Diploma seminar 2025/2026 – summer semester													
Example issues/ example questions/ tasks being completed	<p>Discussing the content of each student presentation.</p> <p>Questions for the presenter from students and the teacher.</p> <p>Critical evaluation of the presented results.</p>														
Practical activities within the subject	Not applicable														

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