GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	DIPLOMA SEMINAR, PG_00064315		
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
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 Polymer Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Justyna Kucińska-Lipka	
	Teachers	dr hab. inż. Justyna Kucińska-Lipka dr inż. Marcin Włoch	

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

eNauczanie source addresses:

Moodle ID: 4428 2025/2026 - SEMINARIUM DYPLOMOWE - Technologia polimerów i biopolimerów
https://enauczanie.pg.edu.pl/2025/course/view.php?id=4428

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	10.0	25.0	50

Subject objectives

The aim of the course is to familiarize students with the principles of preparing a master's thesis and to acquire the ability to present the purpose and scope of the thesis and the significance of the research topic undertaken as well as the ability to present the results of own research together with their analysis in the context of chemical structure-microstructure-properties.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K04] is aware of his/her responsibility for making decisions, respecting and developing principles of professional ethics and taking action to uphold these principles	The student is aware of responsibility for the decisions they make and the research they conduct. The student adheres to and discusses ethical principles related to the conduct of scientific research.	[SK3] Assessment of ability to organize work [SK4] Assessment of communication skills, including language correctness
[K7_K01] critically evaluates the content of cognitive and practical problems	The student is able to critically analyze the results of his/her own research as well as the results of research available in the scientific literature.	[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice
[K7_U01] designs experiments using computer methods of data analysis, computer simulations and based on the state of the knowledge in accordance with the latest scientific literature	The student is able to select appropriate research techniques and methods to solve the research problem addressed within the thesis topic. The student is able to search for current literature on the thesis topic.	[SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task

<table>
<tr><td>Subject contents</td><td>Course content – seminar
• Rules for preparing master's theses at Gdańsk University of Technology
• Rules for preparing a presentation on the research work being carried out
• Students' presentation of the purpose, scope, and significance of the research topic
• Students' presentation of their own research results and analysis</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>presentations regarding ongoing research work</td><td>100.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>• J.F. Rabek: Współczesna wiedza o polimerach. Tom 1: Budowa strukturalna polimerów i materiały badawcze, PWN, Warszawa 2017
• J.F. Rabek: Współczesna wiedza o polimerach. Tom 2: Polimery naturalne i syntetyczne, otrzymywanie i zastosowania, PWN, Warszawa 2017
• Scientific literature (articles in recognized scientific journals) related to the research topic</td></tr><tr><td>Supplementary literature</td><td>Academic textbooks relevant to thesis research topic</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>• Prepare a presentation describing the purpose, scope, and significance of the research topic undertaken as part of your thesis.
• Prepare a presentation describing the research methods and techniques used, the research results obtained and their analysis, and the main conclusions from the completed research.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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