GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	DIPLOMA SEMINAR, PG_00064308		
Field of study	SEMINARIUM DYPLOMOWE		
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 Analytical Chemistry -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Piotr Konieczka	
	Teachers		

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

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 prepare the student to develop master thesis

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 applies the principles of professional ethics in typical practical situations and analyzes the consequences of their decisions from the perspective of professional responsibility. They assess the compliance of their own and team activities with ethical standards.	[SK4] Ocena umiejętności komunikacji, w tym poprawności językowej [SK3] Ocena umiejętności organizacji pracy
[K7_K01] critically evaluates the content of cognitive and practical problems	The student identifies the main cognitive and practical problems and analyzes and compares different theoretical approaches to a specific problem. They assess the reliability and validity of sources and the results obtained. They are able to identify logical errors and unjustified assumptions in arguments. They formulate critical conclusions based on the results obtained.	[SK5] Ocena umiejętności rozwiązywania problemów występujących w praktyce [SK1] Ocena umiejętności pracy w grupie
[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 familiar with modern methods of data analysis and computer simulation. They plan experimental procedures based on current scientific literature and interpret the results of analyses and simulations in the context of the research objective. Presents the results obtained using professional data visualization tools.	[SU2] Ocena umiejętności analizy informacji [SU1] Ocena realizacji zadania

Subject contents

Course content – seminar
The content of the subject is related to the topic of research conducted by the student. These include, for example, the planning of syntheses and their execution, preparation of samples for testing, the physical-chemical and / or mechanical characterization of the material obtained

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Knowledge of theoretical and practical principles of modeling of technological processes and the use of appropriate instrumental techniques to solve tasks</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Seminar - an assessment based on the quality of the presentation prepared in PowerPoint (objective, results, conclusions)</td><td>60.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">opracowania książkowe oraz publikacje związane z tematyką prowadzonych przez studenta badań</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">No requirements</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">1. Presentation of the theoretical basis of the work carried out and formulation of the objective of the work on this basis.
2. Presentation of the results obtained.
3. Interpretation of the results obtained and presentation of conclusions.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
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