



Subject card

Subject name and code	Diploma seminars, PG_00046019						
Field of study	Green Technologies						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
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 Cześć niezbędnej literatury dotyczącej pracy może być dostępna jedynie w języku angielskim		
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 -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Bartłomiej Cieślik				
	Teachers						
Lesson types and methods of instruction	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 Diploma Seminar is to present the current plans and results of research work carried out as part of the diploma thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_K03] can consciously and supported by the experience to present your work, provide information in a manner commonly understood, to communicate, to make self-assessment and constructive criticism of the work of others, the reasons for different points of view	Students can present plans or results related to ongoing research in a clear and understandable manner, using professional terminology. They can critically evaluate concepts as part of a discussion of complex research issues related to ongoing research.	[SK4] Assessment of communication skills, including language correctness
	[K7_K02] is ready to work together as a team, taking in the different roles, can properly identify priorities for implementation specified by you or other tasks, is able to think and act in a creative and enterprising, has the ability to negotiate, is aware of its own limitations and know when to ask the experts	The student is able to creatively approach solutions to problems arising during the consultation phase of the seminar. The student is able to communicate with experts to obtain information of interest to them to solve research issue which is discussed	[SK3] Assessment of ability to organize work
	[K7_K04] is able to participate in the preparation of social projects (economic, civil, political) taking into account the economic, legal and political	The student is able to propose solutions to existing economic problems using knowledge acquired during their studies. The student knows which legal norms should be taken into account when preparing the proposed concept/solution.	[SK5] Assessment of ability to solve problems that arise in practice
	[K7_K05] is ready to explain the basic concepts of the protection of industry property and copyright and the need for management of intellectual property, it turns the attention to the prestige associated with the profession and profession solidarity properly understanding, shows respect for others and concern for their welfare, understands the need to promote, formulate and provide the public with information and opinions concerning the activities of the profession of Engineer, is aware of the social role of a technical college graduate	The student is able to present plans or results related to ongoing research in a professional language, respecting intellectual property, emphasizing the importance of the content discussed.	[SK4] Assessment of communication skills, including language correctness
Subject contents	During the seminar, students become familiar with the principles of preparing a thesis and the basics of research ethics. Early in the course, students are tasked with preparing and presenting a literature review related to their chosen topic. The next step is presenting a research concept, including an experimental plan and preliminary results obtained during the project. A key element of the seminar is participating in discussions on research problems arising during the project and collaboratively seeking solutions. Critical analysis and evaluation of the presented research concepts within a broad discussion framework play a key role, enabling students to develop argumentative skills and confront their own ideas with diverse perspectives. The seminar culminates in the preparation and presentation of a final presentation, in which the student presents the results of their research, emphasizing their scientific and practical significance while respecting intellectual property rights.		
Prerequisites and co-requisites	The student has basic knowledge of presenting research results, knows the rules governing seminar discussions, and has attended seminar classes as part of the subjects covered.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation evaluation	60.0%	100.0%
Recommended reading	Basic literature	Basic literature depends entirely on the chosen topic of the diploma thesis.	
	Supplementary literature	Specific literature depending on the chosen topic of the diploma thesis.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Preparing a literature review related to the thesis being conducted Participating in discussions regarding research concepts and critically assessing one's own work Preparing a presentation on the literature related directly and indirectly to the research being conducted		
Work placement	Not applicable		