



Subject card

Subject name and code	DIPLOMA SEMINAR, PG_00064420						
Field of study	Chemistry						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2029/2030		
Education level	first-cycle studies		Subject group		Optional subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Inorganic Chemistry -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Anna Dołęga				
	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						
	eNauczanie source address: https://enauczanie.pg.edu.pl/2025/course/view.php?id=6130						
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		5.0		30.0	50
Subject objectives	To prepare students to independently develop, write, and submit a diploma thesis in accordance with the standards applicable to scientific work and with respect for the principles of ethics and intellectual property protection. To develop skills in searching for, analysing, and critically evaluating scientific literature, formulating conclusions, and presenting and discussing research results. To prepare students for the presentation of their diploma thesis and for the diploma examination.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W06] identifies trends in research and scientific apparatus in the fields of science and scientific disciplines relevant to chemistry and chemical engineering		Identifies current trends in the development of research, research methods, and scientific instrumentation related to the subject of the diploma thesis.		[SW2] Assessment of knowledge contained in presentation		
	[K6_K05] is aware of his/her social role as a graduate of a technical university, particularly in terms of communicating information and opinions to the public, and undertakes to communicate such information in an understandable way		Recognises the importance of communicating scientific information reliably and clearly, and presents and discusses issues related to the diploma thesis in a manner understandable to the audience.		[SK4] Assessment of communication skills, including language correctness		
	[K6_U01] gathers information from literature, databases and other sources, interpreting, critically evaluating, summarising, formulating and justifying opinions, independently analyses and produces technical drawings with the use of computer assistance		Obtains information from scientific literature, databases, and other sources related to the diploma thesis, interprets, critically evaluates and synthesises the information, and formulates and justifies conclusions and opinions.		[SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task		
Subject contents	Course content – seminar Topics related to the diploma thesis. Analysis and critical evaluation of scientific literature relevant to the thesis topic. Principles of preparing and writing a diploma thesis, citing sources, and adhering to the principles of ethics and intellectual property protection. Analysis, presentation, and discussion of research results. Preparation for the presentation of the diploma thesis and the diploma examination.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	preparing and delivering a presentation	50.0%	100.0%
Recommended reading	Basic literature	Scientific literature, including current research articles, monographs, and other relevant sources, selected individually according to the topic of the diploma thesis and the recommendations of the thesis supervisor.	
	Supplementary literature	Additional scientific and specialist literature related to the topic of the diploma thesis, including publications on the research and analytical methods applied, data analysis and interpretation, and the preparation and presentation of scientific work, selected individually according to the thesis topic.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	The subject and scope of the diploma thesis. Searching for, analysing, and critically evaluating scientific literature. Formulating the aim of the thesis and the research problem. Selection of research and analytical methods. Analysis, interpretation, and presentation of research results. Drawing conclusions and conducting scientific discussion. Principles of preparing and writing a diploma thesis, citing sources, and ethical use of scientific information. Intellectual property protection and copyright. Preparation of the diploma thesis presentation and preparation for the diploma examination.		
Practical activities within the subject	Not applicable		

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