



Subject card

Subject name and code	DIPLOMA SEMINAR, PG_00038912						
Field of study	Chemistry						
Date of commencement of studies	February 2026		Academic year of realisation of subject		2026/2027		
Education level	second-cycle studies		Subject group		Optional subject group Subject group related to scientific research 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		
Semester of study	3		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						
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	Preparation of students for the independent preparation, writing and submission of a diploma thesis in accordance with the principles applicable to scientific works and with respect for the principles of ethics and intellectual property protection. Development of skills in searching, analysing and critically evaluating scientific literature, formulating and solving research problems, interpreting results and drawing conclusions. Improvement of skills in presenting and discussing research results and providing arguments based on specialised knowledge in chemistry. Preparation of students for the presentation of their diploma thesis and for the diploma examination.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_K03] understands non-technical aspects and effects of the graduate's activities, including the impact of the chemical industry on the environment	Understands the non-technical aspects and consequences of activities related to chemistry, in particular the impact of chemical processes and the chemical industry on the environment.	[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice
	[K7_W05] defines the principles of sustainable development, national and European conditions for environmental management, in the field of intellectual property protection and patent law	Knows and understands the principles of sustainable development, national and European frameworks for environmental management, as well as the basic principles of intellectual property protection and patent law in relation to scientific and professional activities in the field of chemistry.	[SW2] Assessment of knowledge contained in presentation
	[K7_U01] integrates and interprets information from literature, databases and other sources	Is able to retrieve, integrate and interpret information from scientific literature, specialised databases and other reliable sources, critically evaluate it, and use it to analyse research problems, interpret results and formulate well-founded conclusions in the field of chemistry.	[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task
	[K7_U02] prepares detailed documentation of the results of independently conducted experiments and analyzes the obtained results, uses professional vocabulary with understanding and prepares and communicates information	Is able to prepare detailed documentation of the results of independently conducted research, analyse and critically interpret the obtained results, and draw conclusions based on them. Uses specialised chemical terminology with understanding and is able to prepare and communicate scientific information in a clear and precise manner appropriate to the audience, particularly in the form of a diploma thesis and a scientific presentation.	[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. Formulation of the research problem and objectives of the thesis and selection of appropriate methods for their implementation. Principles of preparing and writing a diploma thesis, citing sources, and observing the principles of ethics and intellectual property protection. Processing, interpretation, presentation and discussion of research results. Drawing conclusions based on the obtained results and relating them to the current state of knowledge. Preparation for the presentation of the diploma thesis and for the diploma examination.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Preparation and delivery of a presentation	50.0%	100.0%
Recommended reading	Basic literature	Scientific literature, including current research articles, monographs and other sources, selected individually depending on the topic of the diploma thesis and in accordance with the recommendations of the thesis supervisor.	
	Supplementary literature	Additional scientific and specialist literature related to the topic of the diploma thesis, including publications concerning the research and analytical methods used, processing and interpretation of results, and preparation and presentation of scientific works, selected individually depending on the thesis topic.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	The questions concern the delivered presentation and the material covered by the diploma examination questions published on the Faculty website.		
Practical activities within the subject	Not applicable		

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