GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma seminar, PG_00052328						
Field of study	Green Technologies						
Date of commencement of studies	October 2022		Academic year of realisation of subject	2025/2026			
Education level	first-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	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 Analytical Chemistry -> Faculty of Chemistry -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Mariusz Marć					
	Teachers	dr hab. inż. Mariusz Marć					

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						
	eNauczanie source addresses: Moodle ID: 1127 Seminarium dyplomowe_ZT_zima_2025 https://enauczanie.pg.edu.pl/2025/course/view.php?id=1127						

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	The aim of the course is to prepare students to write their thesis.

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<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[K6_U01] is able to obtain information from literature, databases and other sources, is able to integrate the information obtained, to make their interpretation, as well as draw conclusions and formulate and justify opinions, take part in the discussion</td><td>is able to independently obtain information from various sources, such as professional literature, databases, scientific articles, reports, and other available resources</td><td>[SU2] Assessment of ability to analyse information</td></tr>
<tr><td>[K6_K05] is ready to initiate actions for public interest, preparation of social projects (economic, civil, political).</td><td>understands the importance of pro-social activities and is able to prepare comprehensive projects aimed at improving the quality of life of citizens, supporting social and economic development, and participating in the creation of public policies</td><td>[SK4] Assessment of communication skills, including language correctness
[SK5] Assessment of ability to solve problems that arise in practice</td></tr>
<tr><td>[K6_W02] has a basic knowledge of chemistry including general chemistry, inorganic, organic, physical, analytical, including the knowledge necessary to describe and understand the phenomena and chemical processes occurring in the environment; measurement and the determination of the parameters of these processes.</td><td>is able to understand and describe chemical phenomena and processes that occur in environmental protection technologies. In addition, they have the skills necessary to measure and determine the parameters of these processes, which enables them to effectively apply the acquired knowledge in a practical context.</td><td>[SW2] Assessment of knowledge contained in presentation</td></tr>
<tr><td>[K6_W07] has knowledge of basic terminology and principles of intellectual property protection necessary for proper interpretation and application in practice</td><td>is able to recognize and correctly apply basic terminology and principles of intellectual property protection, enabling correct interpretation and practical application in scientific and professional work.</td><td>[SW3] Assessment of knowledge contained in written work and projects</td></tr>
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<tr><td>Subject contents</td><td>The course content is related to the subject of the student's research. It covers, for example, difficulties in identifying specific environmental pollutants, how to prepare samples for analysis using appropriate analytical methods, and final determination techniques.</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>Seminar – assessment based on the quality of the PowerPoint presentation (research objectives, results, conclusions)</td><td>60.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>books and publications available in databases such as Scopus or Web of Science related to the subject of the student's research</td></tr>
<tr><td>Supplementary literature</td><td>https://www.pg.gda.pl/chem/CEEAM/Dokumenty/CEEAM_ksiazka_polska/Rozdzialy/rozdzial_037.pdf
http://www.malamut.pl/imagesdb_terminologia-2-7-10.pdf</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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