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 2023	Academic year of realisation of subject	2026/2027
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 -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Mariusz Marć	
	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	5.0	30.0	50

Subject objectives

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

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W07] has knowledge of basic terminology and principles of intellectual property protection necessary for proper interpretation and application in practice	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.	[SW3] Assessment of knowledge contained in written work and projects
[K6_K05] is ready to initiate actions for public interest, preparation of social projects (economic, civil, political).	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	[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness
[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.	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.	[SW2] Assessment of knowledge contained in presentation
[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	is able to independently obtain information from various sources, such as professional literature, databases, scientific articles, reports, and other available resources	[SU2] Assessment of ability to analyse information

<table>
<tr><td>Subject contents</td><td colspan="3">Course content – seminar
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 colspan="3"></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 – assessment based on the quality of the PowerPoint presentation (research objectives, 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">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 colspan="2">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 colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
</table>

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