GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Seminar, PG_00052337		
Field of study	Chemical Technology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2027/2028
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 Polymer Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Piotr Konieczka	
	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 engineering thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K01] understands the need for continuing education, and is aware of the opportunities to improve professional, personal and social competences	The student understands the need to keep their knowledge of chemical technology up to date, is familiar with ways of improving their skills, and recognises the importance of personal and social skills when planning their own professional development.	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness
[K6_U01] is able to acquire information from literature, databases and other appropriately selected sources, also in English; is able to integrate information obtained, interpret it and make conclusions, formulate and justify opinions	The student is able to gather and synthesise information from academic literature, databases and other sources, including those in English, interpret it, and formulate and justify conclusions and opinions.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
[K6_W12] knows the chemical nomenclature in Polish and specialized terms related to chemical technology	The student is familiar with and correctly applies chemical nomenclature in Polish and is able to use specialist terminology in the field of chemical technology with ease, applying it to the description, analysis and interpretation of chemical processes and phenomena.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects
[K6_U82] is able to obtain and process information related to field of study and academic environment in foreign language at B2 level of the Common European Framework of Reference for Languages (CEFR)	The student is able to use foreign-language information sources effectively at B2 level, analyse and summarise their content, and apply it in the context of issues related to chemical technology and life in an academic environment.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools

<table>
<tr><td>Subject contents</td><td>Course content – seminar
The content of the subject is related to the topic of research conducted by the student. These include, for example, the planning of syntheses and their execution, preparation of samples for testing, the physical-chemical and / or mechanical characterization of the material obtained.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Knowledge of theoretical and practical principles of modeling of technological processes and the use of appropriate instrumental techniques to solve tasks</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 - an assessment based on the quality of the presentation prepared in PowerPoint (objective, results, conclusions)</td><td>60.0%</td><td>100.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Books and publications related to the subject of the students research.</td></tr>
<tr><td>Supplementary literature</td><td>No requirements</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Preparation and delivery of presentations on the engineering project:

1. Theoretical foundations and the current state of knowledge relating to the engineering project.

2. A discussion of the research findings and a presentation of the conclusions.

3. A final presentation summarising the engineering project.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="2">Not applicable</td></tr>
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