GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

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|---|---|---|---|
| Subject name and code | Diploma laboratory, PG_00057606 | | |
| 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<br>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 | 3.0 |
| Learning profile | general academic profile | Assessment form | assessment |
| Conducting unit | Department of Inorganic Chemistry -> Faculty of Chemistry -> Wydziały Politechniki Gdańskiej | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr inż. Anna Kuczyńska-Łażewska | |
| | Teachers | | |

Lesson types and methods of instruction

| Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
|---|---|---|---|---|---|---|
| Number of study hours | 0.0 | 0.0 | 60.0 | 0.0 | 0.0 | 60 |

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 | 60 | 5.0 | 10.0 | 75 |

Subject objectives: Implementation of the experimental part of the diploma thesis

Learning outcomes

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [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. | The student has basic knowledge of chemistry, including the knowledge necessary to describe and understand phenomena occurring in work related to environmental protection technology, and to measure these processes. | [SW3] Assessment of knowledge contained in written work and projects |
| [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 | The student is able to obtain information from literary sources and integrate and interpret it for the purposes of their work. The student is able to draw conclusions based on the sources obtained and justify their opinions for the purposes of their work. | [SU2] Assessment of ability to analyse information<br>[SU4] Assessment of ability to use methods and tools |
| [K6_U04] capable of formulating and solving design tasks in the field of environmental technology to recognize their non-technical aspects, including environmental, economic and legal. Is capable of applying the principles of occupational health and safety. Is able to make initial assessment of engineering solutions and actions | The student is able to identify environmental, economic, and legal aspects during the implementation of work. The student applies health and safety principles. | [SU5] Assessment of ability to present the results of task |

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| Subject contents | consistent with the topic of the diploma thesis |
| Prerequisites and co-requisites | none |

<table>
<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>Assessment of the experimental part of diploma theses</td><td>0.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">depends on the topic of the diploma thesis, original papers available at the databases</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">none</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">none</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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