

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

| Subject name and code | Thesis laboratory, PG_00053166 | | | | | | | | |
|--|---|--|---|-------------------------------------|------------|---|---------|-----|--|
| Field of study | Chemistry in Construction Engineering | | | | | | | | |
| Date of commencement of studies | February 2023 | | Academic year of realisation of subject | | | 2023/2024 | | | |
| 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 | | 4.0 | | | | |
| Learning profile | general academic profile | | Assessment form | | assessment | | | | |
| Conducting unit | Department of Analytical Chemistry -> Faculty of Chemistry | | | | | | | | |
| Name and surname | Subject supervisor | | dr hab. inż. Błażej Kudłak | | | | | | |
| of lecturer (lecturers) | Teachers | | | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Projec | t | Seminar | SUM | |
| | Number of study hours | 0.0 | 0.0 | 75.0 | 0.0 | | 0.0 | 75 | |
| | 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 | 75 | | 10.0 | | 15.0 | | 100 | |
| Subject objectives | The aim of subject is grounding knowledge on self-safety and safety of co-workers and surroundings during conducting of scientific work, responsibility and professional and societal ethics. | | | | | | | | |

| Learning outcomes | Course outcome | Subject outcome | Method of verification | | | | |
|------------------------------------|--|---|---|--|--|--|--|
| | K7_U11 | student has knowledge necessary to undertake labour in industry, knows and performs safety rules of workplace | [SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment | | | | |
| | K7_U10 | student has knowledge on integrating skills gained during I and II grade courses | [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information | | | | |
| | K7_W02 | Student has knowledge necesarry to elaborate technology of producing metalic, ceramic, polimeric and composite materials and performing degradation studies of these materials | [SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge | | | | |
| | К7_К02 | student is able to actively cowork in group taking responsibility for his/her mistakes and of the entire group | [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work [SK1] Assessment of group work skills | | | | |
| | K7_U03 | student has skills on elaborating and presenting results of studies gained with respect paid to grammar rules of polish and english | [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment | | | | |
| Subject contents | - preparing Students to proper searching and presenting information in the area covered with thesis of given Student and learning specialized vocabulary, constructing research stand, recalling the knowledge gained during the study period on construction chemistry. | | | | | | |
| | - getting knowledge on searching and critical analyses of data collected, their synthesis and logical presentation in dependence on scientific problem raised. | | | | | | |
| | - getting knowledge on how to formulate and study the scientific hypotheses related to his/her scientific problems. | | | | | | |
| | - getting knowledge on how to analyse and critically select and apply objects and scientific devices in accordance with selected specialization. | | | | | | |
| | - getting knowledge on new vocabulary skills on specialized polish and english terminology in the area of construction chemistry. | | | | | | |
| | - getting knowledge in the area of searching databases in both polish and english, integrating the data gained, their interpretation and critical evaluation. | | | | | | |
| | - getting full linguistic knowledge in the area of searching databases in both polish and english, integrating the data gained, their interpretation and critical evaluation. | | | | | | |
| Prerequisites and co-requisites | knowledge gained during I and II gra | ide of studies | | | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade | | | | |
| | evaluation of group-work | 60.0% | 50.0% | | | | |
| | evaluation of self-work | 60.0% | 50.0% | | | | |
| Recommended reading | Basic literature will be presented during classes with students | | | | | | |
| | Supplementary literature will be presented during classes with students | | | | | | |
| | eResources addresses | Adresy na platformie eNauczanie: | | | | | |

| Example issues/ example questions/ tasks being completed | will be presented during classes with students |
|--|--|
| Work placement | Not applicable |