



Subject card

| | | | | | | | | |
|---|--|--|--|-------------------------------------|---|------------------------|---------|-----|
| Subject name and code | | DIPLOMA SEMINAR, PG_00064328 | | | | | | |
| Field of study | | Chemical Technology | | | | | | |
| Date of commencement of studies | | February 2025 | Academic year of realisation of subject | | | 2025/2026 | | |
| Education level | | second-cycle studies | Subject group | | | Optional subject group | | |
| 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 | | | 2.0 | | |
| Learning profile | | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | | Department of Biotechnology and Microbiology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology | | | | | | |
| Name and surname of lecturer (lecturers) | | Subject supervisor | | dr hab. inż. Adam Macierzanka | | | | |
| | | Teachers | | dr hab. inż. Adam Macierzanka | | | | |
| 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 | | | | | | |
| | | eNauzanie source addresses: Moodle ID: 4977 Seminarium Dyplomowe mgr, TCh IIst., TiAK https://enauzanie.pg.edu.pl/2025/course/view.php?id=4977 | | | | | | |
| 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 | 10.0 | 25.0 | 50 | | |
| Subject objectives | | Acquisition of the skills necessary for the correct construction and presentation of theoretical and practical issues, essential for the completion of a masters thesis, which requires the implementation of an individual research/experimental plan agreed upon as part of the diploma project. | | | | | | |
| Learning outcomes | | Course outcome | Subject outcome | | Method of verification | | | |
| | | [K7_K04] is aware of his/her responsibility for making decisions, respecting and developing principles of professional ethics and taking action to uphold these principles | The student is aware of the necessity to adhere to the principles of professional ethics and understands the consequences associated with making decisions in professional practice. | | [SK1] Assessment of group work skills [SK2] Assessment of progress of work [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice | | | |
| | | [K7_K01] critically evaluates the content of cognitive and practical problems | The student understands the need to update their knowledge in order to adopt a critical approach to problem-solving in the implementation of projects. | | [SK2] Assessment of progress of work [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice | | | |
| | | [K7_U01] designs experiments using computer methods of data analysis, computer simulations and based on the state of the knowledge in accordance with the latest scientific literature | The student is able to plan and carry out experiments, measurements, and calculations necessary to further develop the implemented research and/or applied project. | | [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment | | | |
| Subject contents | | Course content – seminar The content is selected individually from topics in cosmetic technology, depending on the subject of the specific diploma project carried out by the student. | | | | | | |

| | | | |
|--|--|--|-------------------------------|
| Prerequisites and co-requisites | Knowledge of chemical technology acquired during the semesters preceding the diploma semester. | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Seminar – presentations | 100.0% | 100.0% |
| Recommended reading | Basic literature | Heather A. E. Benson; Michael S. Roberts; Vania Rodrigues Leite-Silva, <i>Cosmetic Formulation: Principles and Practice</i> , CRC Press 2021 Jabłońska-Trypuć A., Czerpak R., <i>Surowce kosmetyczne i ich składniki</i> , MedPharm Wrocław 2008 Zieliński R., <i>Surfaktanty towaroznawcze i ekologiczne aspekty ich stosowania</i> , Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2000. Zieliński R., <i>Surfaktanty towaroznawcze i ekologiczne aspekty ich stosowania</i> , Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2000. Physical Properties of Lipids, ed. A. G. Marangoni, S.S. Narine, Marcel Dekker, Inc., New York, 2002. | |
| | Supplementary literature | Sharma P.P., <i>COSMETICS : Formulation, manufacturing and Quality Control</i> , Fifth Ed., Vandana Pub 2014 Smulders E., <i>Laundry Detergents</i> , Wiley-VCH, Weinheim, 2002. Hummel D.O., <i>Handbook of Surfactant Analysis</i> , John Willey and Sons Ltd, 2000. G. Schramm, <i>Reologia podstawy i zastosowania</i> , OWN, Poznań 1998. | |
| | eResources addresses | | |
| Example issues/ example questions/ tasks being completed | Selected individually according to the specific nature of the students diploma thesis plan. | | |
| Practical activities within the subject | Not applicable | | |

Document generated electronically. Does not require a seal or signature.