



Subject card

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|---|---|--|---|-------------------------------------|--|------------|-----|
| Subject name and code | Information Technology, PG_00054881 | | | | | | |
| Field of study | Biotechnology | | | | | | |
| Date of commencement of studies | October 2024 | Academic year of realisation of subject | | | 2024/2025 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group in the field of study | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 1 | Language of instruction | | | Polish | | |
| Semester of study | 2 | ECTS credits | | | 1.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Pharmaceutical Technology and Biochemistry -> Faculty of Chemistry | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. inż. Marek Wojciechowski | | | | |
| | Teachers | | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 15.0 | 0.0 | 0.0 | 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 | | 2.0 | | 8.0 | 25 |
| Subject objectives | <p>The aim of the course is to teach the principles of the correct composition of technical texts in the form of small papers and extensive scientific studies. Students use word processors and learn how to use them to customize their text to meet specific editorial requirements.</p> <p>In addition, during the laboratory classes, students learn the basic principles of working with spreadsheets in the scope enabling the development, effective analysis and clear presentation of the results of experiments.</p> | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | K6_U11 | | Student is able to apply the acquired knowledge to the analysis of the results of conducted experiments and is able to effectively use appropriate statistical methods and IT tools for this purpose | | [SU4] Assessment of ability to use methods and tools | | |
| | K6_W13 | | Student knows the concepts and principles of intellectual property and copyright protection as well as patent law, knows the general principles of creating and developing forms of individual entrepreneurship | | [SW3] Assessment of knowledge contained in written work and projects | | |
| | K6_K02 | | Student knows the basic rules and legal norms regarding the correct composition of texts in Polish and English and is able to use them when creating professional documents of a scientific nature | | [SK5] Assessment of ability to solve problems that arise in practice | | |

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| Subject contents | <ul style="list-style-type: none"> • podstawy typografii, kroje, style, akapity, stopki i nagłówki • podstawowe zasady pracy z dużymi dokumentami • style, wyrażenia regularne i automatyzacja pracy • bibliografia i indeksy • test praktyczny • podstawy pracy z arkuszem kalkulacyjnym, formaty danych • sposoby adresowania obszarów • funkcje i wyrażenia • prezentacja danych w formie wykresów • test praktyczny | | |
| Prerequisites and co-requisites | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | 2nd practical test | 60.0% | 50.0% |
| | 1st practical test | 60.0% | 50.0% |
| Recommended reading | Basic literature | | Excel for Chemists: A Comprehensive Guide, with CD-ROM, E. Joseph Billo, Wiley 2007 Excel for Scientists and Engineers: Numerical Methods, E. Joseph Billo, Wiley 2007 |
| | Supplementary literature | | Educational materials provided by the teacher |
| | eResources addresses | | Adresy na platformie eNauczanie: |
| Example issues/ example questions/ tasks being completed | preparation, correct processing and formatting of an example text, in accordance with the specified guidelines, of a document representing a scientific publication or diploma thesis.elaboration in the form of a spreadsheet and basic analysis of exemplary experiment results | | |
| Work placement | Not applicable | | |

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