



Subject card

Subject name and code	Information Technology, PG_00054881						
Field of study	Biotechnology						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2023/2024		
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	dr hab. inż. Marek Wojciechowski Katarzyna Kłosowska					
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_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		
	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_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		

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
	1st practical test	60.0%	50.0%
	2nd practical test	60.0%	50.0%
Recommended reading	Basic literature		<p>Excel for Chemists: A Comprehensive Guide, with CD-ROM, E. Joseph Billo, Wiley 2007</p> <p>Excel for Scientists and Engineers: Numerical Methods, E. Joseph Billo, Wiley 2007</p>
	Supplementary literature		Educational materials provided by the teacher
	eResources addresses		<p>Adresy na platformie eNauczanie:</p> <p>Techniki informacyjne - 2024 - Moodle ID: 37901</p> <p>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37901</p>
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		