



Subject card

Subject name and code	Information Technology, PG_00054881						
Field of study	Biotechnology						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2026/2027	
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 -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Marek Wojciechowski					
	Teachers						
Lesson types	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		

Subject contents	Course content – laboratory <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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Subject passing criteria</th> <th style="width: 25%;">Passing threshold</th> <th style="width: 25%;">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>2nd practical test</td> <td>60.0%</td> <td>50.0%</td> </tr> <tr> <td>1st practical test</td> <td>60.0%</td> <td>50.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	2nd practical test	60.0%	50.0%	1st practical test	60.0%	50.0%
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1st practical test	60.0%	50.0%										
2nd practical test	60.0%	50.0%										
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												
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											
Practical activities within the subject	Not applicable											

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