

Subject card

Subject name and code	Information technologies, PG_00148472						
Field of study	Medical Biology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's 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		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Darya Harshkova				
	Teachers		dr Marcin Jąkałski				
			dr Aleksandra Kocot				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	0.0	0.0	30
	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	30		2.0		18.0	50
Subject objectives	Students will acquire the ability to use basic computer programs used to create and edit texts and work with data resources.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[BIOLMEDL3_U04] applies basic statistical methods and computer algorithms and techniques to describe phenomena and data analysis		The graduate applies basic statistical methods, algorithms and techniques IT for the description of phenomena and analysis of data in the field of biology and medicine.		[SU2] presentation/project/paper/report [SU4] test/exam - oral or written		
	[BIOLMEDL3_K07] Is responsible for the equipment/materials entrusted to him and his own work and respects the work of others		The graduate is responsible for the entrusted equipment/materials and his/her own work respects the work of others.		[SK8] observation of student's independent or team work		
	[BIOLMEDL3_W14] describes the principles of using computer tools to analyze data and interpretation of biological phenomena and processes		The graduate describes the principles of using IT tools for analysis data and interpretation of phenomena and processes in the field of biology and medicine.		[SW1] oral statement/conversation/discussion		
	[BIOLMEDL3_W20] knows and understands the basic concepts and principles of industrial property protection and copyright law		The graduate knows and understands the basic concepts and principles of property protection industrial and copyright law; is able to use information resources patent.		[SW2] presentation/project/paper/report		

Subject contents	The course program covers selected issues related to the use of information technologies to develop texts and scientific data related to the protection of natural resources. The topics discussed include the following content: preparation and editing of scientific texts using a text editor (text formatting, inserting objects, creating tables, text review mode, etc.); using a spreadsheet (calculation and statistical functions, tables, charts, etc.).		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	tasks on the online platform	51.0%	40.0%
	practical skills test	51.0%	60.0%
Recommended reading	Basic literature	Agata Rzędowska, 2018, Mistrzowskie prezentacje : slajdowy poradnik mówcy doskonałego / Rzędowscy. wyd. Helion - Onepress, Gliwice Joan Lambert, Joyce Cox, 2013, Microsoft® Word 2013: Krok po kroku. przekł: Maria Chaniewska. wyd. APN Promise, Warszawa Curtis.D.Frye, 2013, Microsoft® Excel® 2013 : krok po kroku. przekł: Leszek Biolik. wyd. APN Promise, Warszawa	
	Supplementary literature	not applicable	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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