

Subject card

Subject name and code	Laboratory, PG_00156245						
Field of study	Bioinformatics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Marek Krośnicki				
	Teachers						
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		0.0		45.0	75
Subject objectives	n						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[BIOINL3_U08] Learns independently in a targeted manner		n		[SU2] presentation/project/paper/report		
	[BIOINL3_U07] Graduate is able to prepare in a targeted manner a written study in Polish and/or English covering detailed issues in bioinformatics, using scientific and technical language, including specialized terminology and conceptual apparatus specific to bioinformatics		n		[SU2] presentation/project/paper/report		
	[BIOINL3_U04] Graduate effectively plans and organizes work independently or as part of a team		n		[SU2] presentation/project/paper/report		
	[BIOINL3_K02] Graduates are ready to work in a team, especially the joint implementation of software projects		n		[SK2] presentation/project/paper/report		
Subject contents	n						
Prerequisites and co-requisites	n						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	project I report		51.0%		50.0%		
	project II report		51.0%		50.0%		
Recommended reading	Basic literature		n				

	Supplementary literature	n
	eResources addresses	
Example issues/ example questions/ tasks being completed	n	
Work placement	Not applicable	

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