

Subject card

Subject name and code	Seminar, PG_00157844						
Field of study	Bioinformatics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
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	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Laboratory of Molecular Evolution and Bioinformatics -> Department of Evolutionary Genetics and Biosystematics -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Marek Ziętara				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	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		5.0		40.0	75
Subject objectives	The course is aimed at preparing the student for a critical analysis of the results of research, both own and those obtained from literature data (KU_05), the ability to prepare and present research results (KU07) for recipients with different levels of general knowledge and knowledge of a specialized language (KS_05)						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[BIOINL3_U05] Graduate has the ability to use scientific literature, including English-language sources on bioinformatics; has ability to use appropriate databases		Has the ability to give presentation in Polish or English		[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		Knows the rules of presenting own results and those obtained from specialist literature		[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU8] observation of student's independent or team work		
	[BIOINL3_U08] Learns independently in a targeted manner		Can use specialist knowledge in planning his own research		[SU2] presentation/project/paper/report [SU8] observation of student's independent or team work		
	[BIOINL3_K05] Graduate thinks and acts entrepreneurially and responsibly, understands the need to popularize scientific achievements and their practical applications to society		Is ready to put theoretical knowledge into practice in society		[SK8] observation of student's independent or team work		

Subject contents	Interpretation and critical processing of data obtained in own research and data contained in scientific publications Preparation and presentation of own studies based on own data and taken from scientific literature		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Class activity	0.0%	10.0%
	Average of partial grades from the presentations	51.0%	90.0%
Recommended reading	Basic literature	A. Literature required for the final passing of the course (passing the exam): - Literature specified by the teacher individually for each student participating in the classes - Literature studied independently by the student	
	Supplementary literature	B. Supplementary literature Literature recommended by the teachers during classes	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Not applicable		
Work placement	Not applicable		

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