University of Gdańsk

Subject card

Subject name and code	Contemporary scientific problems in biology - science tutoring, PG_00052573						
Field of study	Współczesne problemy naukowe w biologii - tutoring naukowy (Ćw. warsztatowe)						
Date of commencement of studies	October 2023		Academic year of realisation of subject	2024/2025			
Education level	Bachelor's studies		Subject group				
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	2.0			
Learning profile	academic		Assessment form	credit			
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor	dr Ewa Piotrowska					
	Teachers	dr Ewa Piotrowska					
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		0.0	0.0	30	
Subject objectives	Developing skills in discussion and proper argumentation. Preparation for analyzing scientific texts. Improving skills in scientific presentations. Establishing the foundation for critical reflection on selected issues in contemporary biology, fostering student interests, and developing research problem-solving skills. Developing peer assessment and self-assessment skills. Enhancing soft skills: team communication, goal setting, time management in work.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GBEL3_U04] The graduate is able to: read scientific texts in English and Polish with comprehension, synthesise the knowledge they contain, prepare well-documented papers on biological problems and on the commercialisation of research	Is able to read and comprehend scientific texts in both English and Polish, synthesizes the knowledge contained within them, and prepares well-documented analyses of biological issues and research commercialization.	[SU2] prezentacja/projekt/referat/ raport
[GBEL3_U09] The graduate is able to: plan their education and learn in an independent and focused manner	Is able to plan their education and learn in an independent and focused manner.	[SU2] prezentacja/projekt/referat/ raport
[GBEL3_U08] The graduate is able to: study the literature independently and plan your own career path	Is able to independently study literature and plan their own career path.	[SU2] prezentacja/projekt/referat/ raport
[GBEL3_K02] The graduate is prepared to: critically evaluate their own knowledge and methods in molecular biology and related fields and commercialise their research.	Is prepared to critically evaluate their own knowledge and methods in molecular biology and related fields, as well as in research commercialization.	[SK1] wypowiedź ustna/rozmowa/ dyskusja [SK8] obserwacja samodzielnej lub zespołowej pracy studenta
[GBEL3_W06] A graduate has an advanced knowledge and understanding of: the development and current state of knowledge and the latest trends in molecular genetics and related fields; indicates their relationship to other disciplines in the life sciences or medical sciences and their potential for use in practice	Is familiar with the development and current state of knowledge, as well as the latest trends in molecular genetics and related fields; identifies their connection to other disciplines in the natural or medical sciences and their potential practical applications.	[SW1] wypowiedź ustna/rozmowa/ dyskusja [SW2] prezentacja/projekt/referat/ raport

Subject contents

- Introduction to selected scientific topics in contemporary biology,
- Introduction to the scientific method,
- Public speaking,
- Discussion of soft skills improving individual and teamwork: goal setting and implementation techniques, time management, motivation, and team communication.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Activity during classes	51.0%	90.0%
self evaluation	51.0%	10.0%

Recommended reading

Basic literature	Weiner J, Weiner J. 2018. Technika pisania i prezentowania przyrodniczych prac naukowych. Wyd. Naukowe PWN.
Supplementary literature	• De Sousa P.A., Perfect L., Ye J., Samuels K., Piotrowska E., Gordon M., Mate R., Abranches E., Wishart T.M., Dockrell D.H., Courtney A. Hyaluronan in mesenchymal stromal cell lineage differentiation from human pluripotent stem cells: application in serum free culture. Stem Cell Res Ther. 2024 May 3;15(1):130. doi: 10.1186/s13287-024-03719-y • Piotrowska E., Bączkowska A. Readability of information on stem cell therapies: a comparison between commercial websites and scientific articles. Forum Filologiczne Ateneum. 2023;1(11): 157-178. doi: 10.36575/2353-2912/1(11)2023-10
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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