University of Gdańsk

Subject card

Subject name and code	Contemporary scientific problems in biology - science tutoring, PG_00149326						
Field of study	Medical Biology						
Date of commencement of studies	October 2024		Academic year of realisation of subject	2026/2027			
Education level	undergraduate studies		Subject group	Obligatory subject group in the field of study Optional subject group			
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	2.0			
Learning profile	academic		Assessment form				
Conducting unit	Faculty of Biology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Ewa Piotrowska				
	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		6.0		14.0	50
Subject objectives	Developing discussion skills and proper argumentation. Preparing for the analysis of scientific texts. Improving scientific presentation skills. Laying the foundation for critical reflection on selected issues in contemporary biology, fostering student interests, and enhancing research problem-solving abilities. Developing peer assessment and self-assessment skills. Building soft skills: team communication, goal setting, and time management.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLMEDL3_U06] reads with understanding scientific texts in Polish and simple texts in English in the field of medical biology; independently searches and uses available sources of information, including electronic sources	Is able to read and comprehend scientific texts in Polish and English in the field of medical biology; independently searches for and uses available sources of information, including electronic sources.	[SU2] presentation/project/paper/ report
[BIOLMEDL3_K09] is ready to work with honesty and integrity in his scientific and professional work	Is ready for honest and diligent scientific and professional work related to medical biology.	[SK8] observation of student's independent or team work
[BIOLMEDL3_K04] is able to form opinions about individuals and social groups in a professional context	"Is able to formulate opinions about individuals and social groups based on current biomedical knowledge.	[SK1] oral statement/conversation/ discussion
[BIOLMEDL3_U15] learns independently, in a focused manner	Is able to plan their education and learn in an independent and focused manner.	[SU2] presentation/project/paper/ report
[BIOLMEDL3_U12] has the ability to present his own ideas and adequate argumentation in the context of selected theoretical and practical perspectives of medical biology	Presents own ideas, supporting them with current knowledge in the field of medical biology.	[SU1] oral statement/conversation/ discussion
[BIOLMEDL3_U10] in Polish or English, prepares written, well-documented studies of selected problems in medical biology	Is able to prepare a scientific publication outline in Polish or English based on the IMRaD structure (Introduction - Materials and Methods - Results - Discussion) and write its abstract.	[SU3] text preparation/written work
[BIOLMEDL3_W12] is oriented in the development and current state of knowledge and the latest trends in medical biology; indicates their relationship with other disciplines of natural or medical sciences	Is familiar with the development and current state of knowledge, as well as the latest trends in medical biology; identifies their connections with other disciplines in the natural or medical sciences.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report

Subject contents

- Introduction to selected scientific issues in contemporary biology,
- Introduction to the scientific method,
- Public speaking,
- Discussion of soft skills that enhance individual and team work: goal-setting and achievement techniques, time management, motivation, and communication within the team.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
activity in class	51.0%	90.0%
self-assessment	51.0%	10.0%

Recommended reading

Basic literature	Weiner J, Weiner J. 2018. Technika pisania i prezentowaniaprzyrodniczych 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 lineagedifferentiation from human pluripotent stem cells: application inserum 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 stemcell therapies: a comparison between commercial websites andscientific articles. Forum Filologiczne Ateneum. 2023;1(11):157-178. doi: 10.36575/2353-2912/1(11)2023-10
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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