

Subject card

Subject name and code	Contemporary scientific problems in biology - science tutoring, PG_00154450						
Field of study	Biology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2026/2027		
Education level	undergraduate studies		Subject group		Optional subject group Subject group related to scientific research 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	5		ECTS credits		2.0		
Learning profile	academic		Assessment form				
Conducting unit							
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		5.0		15.0	50
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
	[BIOLL3_W10] The graduate is familiar with the development and current state of knowledge and the latest trends in biology, as well as their relationship with other natural disciplines	Is familiar with the development and current state of knowledge, as well as the latest trends in biology and related fields; identifies their connection to other disciplines in the natural or medical sciences and their potential practical applications.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[BIOLL3_K02] The graduate is prepared to critically self-assess their own competences and to update and improve their knowledge and skills	Is prepared to critically evaluate their own knowledge and competences in biology and related fields.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work
	[BIOLL3_U13] The graduate is able to present their own ideas and use adequate argumentation in the context of selected theoretical and practical perspectives	Presents their own ideas and supports their opinions based on their biological knowledge	[SU1] oral statement/conversation/ discussion
	[BIOLL3_U09] The graduate will be able to prepare well-documented written work on selected biological problems	Prepares well-documented analyses of biological issues.	[SU2] presentation/project/paper/ report
	[BIOLL3_U08] The graduate is able to learn independently, in a focused manner	Is able to plan their education and learn in an independent and focused manner.	[SU2] presentation/project/paper/ report
	[BIOLL3_U06] The graduate can read with comprehension simple scientific biological texts in Polish and simple texts in English	Is able to read and comprehend scientific texts in both English and Polish, synthesizes the knowledge contained within them.	[SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
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%	10.0%
	self-evaluation	51.0%	90.0%
Recommended reading	Basic literature	Weiner J, Weiner J. 2018. Technika pisania i prezentowania przyrodniczych prac naukowych	
	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	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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