

**Subject card**

<b>Subject name and code</b>	Contemporary scientific problems in biology - science tutoring, PG_00147030						
<b>Field of study</b>	Genetics and Experimental Biology						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2025/2026		
<b>Education level</b>	undergraduate studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	3	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Ewa Piotrowska				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		4.0		16.0	50
<b>Subject objectives</b>	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_W06] the development and current state of knowledge, as well as the latest trends in molecular genetics and related fields; indicating their relationship with other disciplines in the natural or medical sciences and the possibilities of their practical application.	Understands the development and current state of knowledge, as well as the latest trends in molecular genetics and related fields; indicates their connection to other disciplines in natural sciences or medicine and opportunities for their practical application.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[GBEL3_U04] Capable of reading scientific texts in English and Polish with comprehension, synthesizing the knowledge contained within them, preparing well-documented studies on biological issues, as well as those related to research commercialization.	Can read scientific texts in English and Polish with comprehension, synthesizes the knowledge contained within them, prepares well-documented studies on biological issues and those related to research commercialization.	[SU2] presentation/project/paper/ report
	[GBEL3_K02] Critical assessment of one's own knowledge and methods in the field of molecular biology and related disciplines, as well as the commercialization of research.	Is ready to critically assess their own knowledge and methods in the field of molecular biology and related disciplines, as well as research commercialization	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work
	[GBEL3_U09] Plan and pursue one's education autonomously and in a focused manner.	Can plan their education and learn independently and purposefully	[SU2] presentation/project/paper/ report
[GBEL3_U08] Independently study literature and plan one's own career path.	Can independently study literature and plan one's own career path	[SU2] presentation/project/paper/ report	
Subject contents	<ul style="list-style-type: none"> <li>• Introduction to selected scientific topics in contemporary biology,</li> <li>• Introduction to the scientific method,</li> <li>• Public speaking,</li> <li>• Discussion of soft skills improving individual and teamwork: goal setting and implementation techniques, time management, motivation, and team communication.</li> </ul>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	self evaluation	51.0%	10.0%
	Activity during classes	51.0%	90.0%
Recommended reading	Basic literature	Weiner J, Weiner J. 2018. Technika pisania i prezentowania przyrodniczych prac naukowych. Wyd. Naukowe PWN.	
	Supplementary literature	<ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> </ul>	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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