University of Gdańsk

Subject card

Subject name and code	Bacterial genetics, PG_00149051						
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	1.0			
Learning profile	academic		Assessment form				
Conducting unit	Katedra Mikrobiologii -> Faculty of Biology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Iwona Mruk				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		2.0		8.0	25
Subject objectives	-Knowledge and understanding of processes related to the genetic variability of microorganisms and the methods of gene transfer between species; -Ability to demonstrate the consequences of this transfer for human life and nature						

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[BIOLMEDL3_U01] uses basic apparatus and research tools and, maintaining the correct sequence of operations, performs simple physical, biological or chemical observations and measurements in laboratory work in the biological or medical sciences</td><td>.</td><td>[SU8] observation of student's independent or team work</td></tr>
<tr><td>[BIOLMEDL3_W02] describes the structure and properties of basic types of biological macromolecules, molecular mechanisms of the pathways of basal metabolism and flow of genetic information, and sources of variation in organisms; explains the rules of inheritance</td><td>.</td><td>[SW4] test/exam - oral or written</td></tr>
<tr><td>[BIOLMEDL3_K01] understands the need for lifelong learning and to update his/her knowledge of medical biology and related disciplines</td><td>.</td><td>[SK4] test/exam - oral or written</td></tr>
<tr><td>[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</td><td>.</td><td>[SU4] test/exam - oral or written</td></tr>
<tr><td>[BIOLMEDL3_W01] explains the differences in the structure and function of a prokaryotic and eukaryotic cell</td><td>.</td><td>[SW4] test/exam - oral or written</td></tr>
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<tr><td>Subject contents</td><td>.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>.</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>kolokwium I</td><td>51.0%</td><td>50.0%</td></tr>
<tr><td>kolokwium II</td><td>51.0%</td><td>50.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>.</td></tr>
<tr><td>Supplementary literature</td><td>.</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
</table>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>.</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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