

Subject card

Subject name and code	Bacterial genetics, PG_00149052						
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	0.0	0.0	15.0	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	<p>- understanding the processes related to the genetic biodiversity of microorganisms and knowledge of gene transfer between bacteria species</p> <p>- understanding the horizontal gene transfers consequences for human life and the nature</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	.	[SW4] test/exam - oral or written
	[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	.	[SU8] observation of student's independent or team work
	[BIOLMEDL3_K01] understands the need for lifelong learning and to update his/her knowledge of medical biology and related disciplines	.	[SK4] test/exam - oral or written
	[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	.	[SU8] observation of student's independent or team work
[BIOLMEDL3_W01] explains the differences in the structure and function of a prokaryotic and eukaryotic cell	.	[SW4] test/exam - oral or written	
Subject contents	.		
Prerequisites and co-requisites	.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		51.0%	100.0%
Recommended reading	Basic literature	.	
	Supplementary literature	.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	.		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.