

Subject card

Subject name and code	Seminar, PG_00154569						
Field of study	Medical Biology						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
Education level	Bachelor's 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	5	ECTS credits				1.0	
Learning profile	academic	Assessment form				credit	
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Anna Herman-Antosiewicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	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		5.0		5.0	25
Subject objectives	<p>1. Familiarization with the research topics of the Department</p> <p>2. Expanding knowledge of the studied specialization and familiarity with specialist scientific literature.</p> <p>3. Developing the ability to use various sources, including experimental and review works, and to look at them critically.</p> <p>4. Improving the ability to speak using specialist scientific language, presenting the effects of the work, taking part in discussions</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLMEDL3_W17] explains the relationship between the achievements of biology and related disciplines and the possibilities of their use in neuroscience and diagnostics, which can have an impact on socio-economic life	explains the connections between the achievements of biology and related disciplines and the possibilities of their use, primarily in molecular and biochemical diagnostics or neurobiology	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[BIOLMEDL3_U05] synthesises data from different sources and draws appropriate conclusions from them	makes a synthesis of data from various sources and draws appropriate conclusions on this basis	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[BIOLMEDL3_U11] is able to use language specialized for medical biology in a way that is clear and accessible to both specialists and non-specialists alike	is able to use specialist language for medical biology in a way that is understandable and accessible to both specialists and non-specialists	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[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 of medical biology and indicates its relationship with natural and medical sciences	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[BIOLMEDL3_K09] is ready to work with honesty and integrity in his scientific and professional work	understands the need for honesty and reliability in scientific and professional work	[SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
	[BIOLMEDL3_K03] is aware of his/her own limitations and knows when to seek expert assistance	is aware of his own limitations and knows when to turn to experts	[SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
	[BIOLMEDL3_U09] has the ability to give oral presentations in Polish or English on specific issues in medical biology	has the ability to deliver oral presentations in Polish or English on specific issues in the field of medical biology and the topic of one's own diploma thesis	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[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	reads with understanding scientific texts in Polish and simple texts in English in the field of medical biology; searches for and uses available sources of information, including electronic sources	[SU2] presentation/project/paper/ report
[BIOLMEDL3_W16] explains the theoretical basis of experimental methods and lists the most important techniques of biological sciences that can be applied to medical biology and diagnostics	explains the theoretical foundations of experimental methods and lists the most important techniques of biological sciences that can be applied in medical biology	[SW2] presentation/project/paper/ report	
Subject contents	Scientific issues in the field of medical biology implemented in the organizational units of the Faculty of Biology; techniques and methods used in scientific research; method of presenting research results; structure of a scientific article. principles of citing literature; practicing reporting and engaging in scientific discussions; principles of good practice in scientific research		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	the grade is determined based on partial grades received during the semester	51.0%	100.0%
Recommended reading	Basic literature	J. Weiner. Technika pisania i prezentowania przyrodniczych prac naukowych J. Orczyk, Zarys metodyki pracy naukowej, wyd. PWN, Warszawa, 1988	
	Supplementary literature	The literature is indicated by the teacher or thesis supervisor and comes from current national and international scientific journals as well as is independently searched in literature databases (including PubMed, BIOSIS, Science Direct, Scirrus).	
	eResources addresses		
Example issues/ example questions/ tasks being completed			

Work placement	Not applicable
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