

**Subject card**

<b>Subject name and code</b>	Basic epidemiology, PG_00203394						
<b>Field of study</b>	Medical Biology						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2027/2028		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
<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>	4	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Department of General and Medical Biochemistry -> Faculty of Biology -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Dorota Gregorowicz-Warpas				
	<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	15.0	0.0	0.0	0.0	15
	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>	15		3.0		32.0	50
<b>Subject objectives</b>	The aim of the course is to familiarize students with basic issues in epidemiology and infectious diseases.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLMEDL3_W12] has an advanced understanding of 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	The student is versed 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.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[BIOLMEDL3_W11] has advanced knowledge of methods for assessing health status, as well as the symptoms and causes of selected disorders and pathological changes; understands the basics of a healthy lifestyle and is able to explain and promote them	The student has advanced knowledge of methods for assessing health status and the symptoms and causes of selected disorders and lesions, and knows the basics of a healthy lifestyle, is able to justify and promote them.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[BIOLMEDL3_W07] has advanced knowledge of medical biology and is familiar with the health sciences terminology	The student has advanced knowledge of medical biology and knows the terminology of health sciences.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[BIOLMEDL3_K03] is aware of his/her own limitations and knows when to seek expert assistance	The student is aware of his own limitations and knows when to seek help from experts.	[SK8] 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	The student understands the need for lifelong learning and updating knowledge in the field of medical biology and related disciplines.	[SK8] observation of student's independent or team work
	[BIOLMEDL3_U15] learns independently, in a focused manner	The student is able to learn independently, in a directed way.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
	[BIOLMEDL3_U10] in Polish or English, prepares written, well-documented studies of selected problems in medical biology	The student has the ability to prepare a written, well-documented study of selected problems in medical biology in Polish or English.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
	[BIOLMEDL3_U07] is able to identify problems corresponding to the needs of an individual and a social group and to undertake basic diagnostic, preventive and educational activities appropriate to the profession of medical biologist	The student is able to identify problems corresponding to the needs of an individual and a social group and to undertake basic diagnostic, preventive and educational activities appropriate to the profession of a medical biologist.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[BIOLMEDL3_K04] is able to form opinions about individuals and social groups in a professional context	The student is able to formulate opinions about individual people and social groups in the context related to their profession.	[SK8] observation of student's independent or team work	
Subject contents	<p>1. Epidemiology of infectious diseases.</p> <p>2. Epidemiology of infections, sources, causes, prevention. Types and control of infections and infectious diseases.</p> <p>3. Population screening tests.</p> <p>4. Epidemiology of conditions and diseases related to food and nutrition.</p> <p>5. Epidemiology of conditions and diseases related to pollution of the municipal and occupational environment.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	passing the hand hygiene procedure	51.0%	10.0%
	colloquium I	51.0%	40.0%
	colloquium II	51.0%	40.0%
	multimedia presentation	51.0%	10.0%

Recommended reading	Basic literature	<p>1. Paradowska-Stankiewicz I., Rosińska M., Wojtyniak B., Zieliński A.: Epidemiology of theory to practice, PZWL, Warsaw 2021</p> <p>2. Webb P., Bain C., page E.: Epidemiologia, Ed. Scholarship holder, Warsaw 2021</p> <p>3. Boroń- Kaczmarek A., Wiercińska- Drapała A.: Infectious and parasitic diseases, PZWL, Warsaw 2019</p> <p>4. Bulanda M., Wójkowska-Mach J.: Nosocomial infections in a health care unit, PZWL, Warsaw 2016</p> <p>5. Bzdęga J., Gębska-Kuczerowska A.: Epidemiology in public institutions, PZWL, Warsaw 2010</p> <p>6. Cianciara J., Juszczyk J.: Infectious and parasitic diseases, Volume I, II, Ed. II, Czelej, Lublin 2012</p> <p>7. Denys A.: Hospital infections. Selected issues, ABC and Wolters Kluwer business, Warsaw 2012</p> <p>8. Denys A.: Hospital infections in selected departments, Vol. II, ABC and Wolters Kluwer, Warsaw 2013</p> <p>9. Dziubek Z.: Infectious and parasitic diseases, Ed. II, PZWL, Warsaw 2010</p> <p>10. Pawińska A.: Hospital prevention - protection of hospital safety, Ed. -medica press, Warsaw 2011</p> <p>11. Sygit M.: Public health, Ed. Wolters Kluwer Polska 2010</p> <p>12. Dzierżanowska D.: Hospital infections, Ed. -medica press, Bielsko-Biała 2008</p>
	Supplementary literature	<p>1. Jabłoński L., Karwat I.D.: Basics of general epidemiology, epidemiology of infectious diseases, Ed. Czelej, Lublin 2002</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<p>Auditorium exercises - determining the final grade based on partial grades received during the semester (colloquia, final paper in the form of a multimedia presentation). Practical assessment of the hand hygiene procedure. In case of failure to pass the test, an oral examination.</p>	
Work placement	<p>Not applicable</p>	

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