

Subject card

Subject name and code	Medical parasitology, PG_00154548						
Field of study	Medical Biology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Laboratory of Parasitology and General Zoology -> Katedra Zoologii Bezkręgowców i Parazytologii -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Joanna Izdebska				
	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	1. To get acquainted with the parasites of greatest importance to humans. 2. To present the routes of infection, to familiarize with the epidemiology of parasitosis and the principles of prevention						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	learns independently, in a focused manner	[SU4] test/exam - oral or written
	[BIOLMEDL3_U05] synthesises data from different sources and draws appropriate conclusions from them	synthesizes medical parasitology data from different sources and draws appropriate conclusions on this basis	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[BIOLMEDL3_K01] understands the need for lifelong learning and to update his/her knowledge of medical biology and related disciplines	Understands the need for lifelong learning and updating knowledge of medical parasitology and related disciplines	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[BIOLMEDL3_W03] knows the structure of the animal or human organism, the processes and functional relationships at the cellular, tissue, organ and organismal levels, and explains their relationship to behavior and adaptation of the organism to changing environmental conditions	presents the structure of parasitic organisms, processes and relationships functional relationships at the cellular, tissue, organ and organismal level, and explains their relationship to the behavior and adaptation of the parasite to the changing conditions of the environment and the host organism	[SW4] test/exam - oral or written
	[BIOLMEDL3_W11] posiada zaawansowaną wiedzę dotyczącą metod oceny stanu zdrowia oraz objawów i przyczyn wybranych zaburzeń i zmian chorobowych oraz zna podstawy zdrowego trybu życia, potrafi je uzasadnić i promować	Has a basic knowledge of health assessment methods and the symptoms and causes of human parasitoses, and knows the basics of a healthy lifestyle of life, is able to justify and promote them	[SW4] test/exam - oral or written
	[BIOLMEDL3_W04] presents the characteristics, systematics and evolution of selected groups of organisms including molecular basis and describes the basic concepts and mechanisms of evolution	presents the characteristics, systematics and evolution of selected groups of parasitic organisms including molecular basis and describes the basic concepts and mechanisms of evolution	[SW4] test/exam - oral or written
Subject contents	Definition and types of parasitism. Overview of selected groups of human parasites including their specificity and adaptations to parasitism, life cycles, and pathways and factors that promote infection. Various aspects of the functioning and evolution of the parasite-host system. Human parasitoses - etiology, pathogenesis and prevention.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written test	51.0%	100.0%
	attendance	80.0%	0.0%
Recommended reading	Basic literature	1. Błaszowska J., Ferenc T., Kurnatowski P., 2017. Zarys parazytologii medycznej. Edra Urban & Partner, Wrocław 2. Buczek A. 2005. Atlas pasożytów człowieka. Koliber, Lublin. 3. Cianciara J., Juszczak J., 2012. Choroby zakaźne i pasożytnicze. Wyd. Czelej, Lublin. 4. Deryło A. red. 2000. Skrypt do ćwiczeń i seminariów z parazytologii lekarskiej. Cz. 1 i 2. ŚAM, Katowice. 5. Garcia L.S. 2007. Diagnostic medical parasitology. ASP Press, Washington. 6. Golvan Y.J. 2000. Atlas parazytologii. Volumed, Wrocław. 7. Lonc E., Zlotorzyska J. 1995. Ćwiczenia z parazytologii dla studentów biologii. UW, Wrocław 8. Niewiadomska K., Pojmańska T., Machnicka B., Czubaj A. 2001. Zarys parazytologii ogólnej. PWN, Warszawa	
	Supplementary literature	1. Izdebska J.N. 2005. Roztocze skórne człowieka i zwierząt domowych. (W:) Alergia na roztocze. B. Majkowska-Wojciechowska [red.]. Mediton, Łódź: 95-105. 2. Izdebska J.N. 2014. Wszy? Poznaj i pokonaj problem PWN, Warszawa. 3. Piotrowski F. 1990. Zarys entomologii parazytologicznej. PWN, Warszawa. 4. Rolbiecki L. 2002. Szybka metoda wykonywania semipermanentnych glicerożelatynowych preparatów z pasożytów. Wiadomości Parazytologiczne 48: 87-88. 5. Rolbiecki L. 2007. Zastosowanie kwasu octowego i alkoholu benzyłowego w preparatyce parazytologicznej wady i zalety. Wiadomości Parazytologiczne 53: 347-349.	

	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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