University of Gdańsk

Subject card

Subject name and code	Fundamentals of human parasitology, PG_00154443		
Field of study	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 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	3	Language of instruction	Polish
Semester of study	5	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	dr hab. Leszek Rolbiecki	
	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.Knowledge of parasites of greatest importance to humans.
2. To know the routes of infection and the principles of prevention of parasitic diseases.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLL3_W10] The graduate is familiar with the development and current state of knowledge and the latest trends in biology, as well as their relationship with other natural disciplines	is acquainted with the development and current state of knowledge and the latest trends in human parasitology and indicates their relationship with other natural disciplines	[SW4] test/exam - oral or written
[BIOLL3_W04] The graduate knows and understands at an advanced level the course of physiological processes and their relationship to the adaptation of the organism to changing environmental conditions	Understands the functioning of the parasite-host system and the relationship to the adaptation of the of the parasite organism to changing environmental and host conditions (human)	[SW4] test/exam - oral or written
[BIOLL3_K05] The graduate is prepared to take responsibility for the safety of his/her and that of others, as well as to recognize hazardous situations and take appropriate action	Is responsible for the safety of his own work and that of others, and is able to recognize parasitological risk situations and take appropriate actions	[SK1] oral statement/conversation/ discussion
[BIOLL3_K02] The graduate is prepared to critically self-assess his/her own competences and to update and improve his/her knowledge and skills	performs a critical self-assessment of his/her own competence and updates knowledge and improves skills in the field of parasitology	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written
[BIOLL3_U05] The graduate will be able to synthesise data from a variety of sources and draw appropriate conclusions	synthesizes parasitology data from various sources and draws adequate conclusions on this basis	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
[BIOLL3_W14] The graduate knows the theoretical basis of experimental methods and the most important techniques of the biological sciences	Explains the theoretical basis of experimental methods and lists the most important techniques in parasitology, including parasitological diagnostics	[SW4] test/exam - oral or written

Subject contents

Definition and types of parasitism. Overview of selected groups of human parasites with consideration of their adaptations to parasitism. Parasitic diseases of man; pathways and factors that promote infection. Prevention of parasitic diseases.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
attendance	80.0%	0.0%
writting test	51.0%	100.0%

Recommended reading

Basic literature

1. Błaszkowska J., Ferenc T., Kurnatowski P., 2017. Zarys parazytologii medycznej. Edra Urban & Partner, Wrocław.
2. Buczek A. 2005. Choroby pasożytnicze. Epidemiologia i diagnostyka, objawy. Koliber, Lublin
3. Buczek A., 2005. Atlas pasożytów człowieka. Koliber, Lublin.
4. Deryło A. [red.] 2011. Parazytologia i akaroentomologia medyczna. PWN, Warszawa
5. Pawłowski Z.S., Stefaniak J. [red.] 2004. Parazytologia kliniczna w ujęciu wielodyscyplinarnym. PZWL, Warszawa
6. Niewiadomska K., Pojmańska T., Machnicka B., Czubaj A. 2001. Zarys parazytologii ogólnej. PWN, Warszawa

Supplementary literature

1. Bogitsh B., Cheng T. 1998. Human parasitology. Academic Press, San Diego.
2. Izdebska J.N. 2014. Wszy? Poznaj i pokonaj problem. PWN, Warszawa.
3. Piotrowski F. 1990. Zarys entomologii parazytologicznej. PWN, Warszawa.
4. Pojmańska T. [red] 2016. Leksykon parazytologiczny. PTP, Warszawa.
5. Rolbiecki L. 2002. Szybka metoda wykonywania semipermanentnych glicerożelatynowych preparatów z pasożytów. Wiadomości Parazytologiczne 48: 87-88.
6. Rolbiecki L. 2007. Zastosowanie kwasu octowego i alkoholu benzylowego w preparatyce parazytologicznej wady i zalety. Wiadomości Parazytologiczne 53: 347-349.

eResources addresses

Example issues/ example questions/ tasks being completed

Work placement

Not applicable