

Subject card

Subject name and code	Zoonosis, PG_00154683						
Field of study	Medical Biology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Master's studies		Subject group		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	2		Language of instruction		Polish		
Semester of study	3		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	Zoonoses are largely occupational or para-occupational diseases to which veterinary services, zootechnicians, foresters, ranchers, farmers, as well as laboratory personnel and others in contact with infected biological material are exposed. Classification of zoonoses, characteristics of the organisms that cause them will be presented. The basics of identifying the most important taxa that cause zoonoses, as well as etiology, pathogenesis and control methods. Special attention will be paid to the dangers posed by zoonoses in professional work and the legal consequences.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLMEDMU2_U01] can proficiently, but critically, use the scientific literature and databases necessary in the activities of medical biology and related disciplines	an proficiently, but critically, use the scientific literature and databases necessary for zoonotic disease activities	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[BIOLMEDMU2_U06] knows and applies English-language specialized vocabulary of biological and medical sciences in daily professional/scientific activities	applies English-language specialized vocabulary of zoonoses in action professional/scientific	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[BIOLMEDMU2_K01] is ready to critically evaluate himself, the teams in which he works and the content he receives	He is ready to critically evaluate himself, the teams in which he works and the the content received	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[BIOLMEDMU2_W03] knows the structure and functions of the human body, biological causes of disorders, lesions and social dysfunctions, and methods of their evaluation using biochemical, molecular, parasitological or neurobiological methods	Knows the structure and functions of the human body, biological causes of zoonoses and methods of their evaluation using parasitological methods	[SW4] test/exam - oral or written
	[BIOLMEDMU2_W02] is oriented to the currently debated problems in medical biology and related disciplines	is familiar with the currently debated issues concerning zoonosis	[SW4] test/exam - oral or written
	[BIOLMEDMU2_W01] has an in-depth knowledge of scientific fields and disciplines relevant to medical biology and the studied specialty and knows their main development trends	Has an in-depth knowledge of zoonotic diseases (zoonoses) and knows the main development trends in this field	[SW4] test/exam - oral or written
Subject contents	Definition, evolution and types of zoonoses. Determinants of the emergence, development and spread of zoonoses and characteristics of the most important and common anthroposoonoses, including those subject to compulsory treatment (e.g., rabies, brucellosis, tularemia, tapeworms, scabies). Prevention, therapy and control strategies for zoonoses. Health, epidemiological, economic and legal implications. The role of zoonoses as a biological weapon.		
Prerequisites and co-requisites	Fundamentals of biology; fundamentals of zoology; fundamentals of systematics and taxonomy; fundamentals of animal anatomy and morphology		
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. Anusz Z. 1991. Choroby odzwierzęce. Wydawnictwo ART, Olsztyn. 2. Anusz Z. 1995. Zapobieganie i zwalczanie zawodowych chorób odzwierzęcych. Wydawnictwo ART, Olsztyn. 3. Buczek A. 2005. Choroby pasożytnicze. Epidemiologia i diagnostyka, objawy. Wydawnictwo Koliber, Lublin. 4. Gliński Z., Buczek J. 1999. Kompendium chorób odzwierzęcych. WAR, Lublin. 5. Gliński Z., Kostro K., Buczek J. 2009. Zoonozy. PWRiL, Warszawa. 6. Gliński Z, Kostro K., Wołoszyn S. 2000. Choroby zakaźne zwierząt. WAR, Lublin	
	Supplementary literature	1. Błaszak C. (red.) 2009. Zoologia t.1. Bezkręgowce. PWN, Warszawa. 2. Błaszak C. (red.) 2011. 2012. Zoologia t. 2, cz.1, 2. Stawonogi. PWN, Warszawa 3. Majkowska-Wojciechowska B. (red.). 2005. Alergia na roztocze. Wydawnictwo Mediton, Łódź. 4. Niewiadomska K., Pojmańska T., Machnicka B., Czubaj A., 2001. Zarys parazytologii ogólnej. PWN, Warszawa. 5. Piotrowski F. 1990. Zarys entomologii parazytologicznej. PWN, Warszawa.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		