Module code	M_WE_SEM7 ZOON
Field of study	Veterinary medicine
Module name, also the name in English	Zoonoses Zoonozy
Language of instruction	English
Module type	Obligatory
Level of studies	Long-cycle Master's Degree studies
Mode of study	Full-time
Year of study in the field of study	IV
Semester of study in the field of study	VII
ECTS credits, divided into contact/non-contact hours	1 (0.6/0.4)
Academic title/degree, name of the person responsible for the module	dr. n. wet. Marta Staniec
Unit teaching the module	Department of Epizootiology and Clinic of Infectious Diseases
Module objective	The aim of this module is to provide students with knowledge of infectious and parasitic diseases transmitted naturally, or by vectors, from vertebrate animals to humans. As part of the course, the basic concepts of epidemiology will be recalled and the characteristics of selected zoonoses will be presented. Detailed information will cover the infectious agent, its reservoir and vectors, routes of spread, pathogenesis of the disease in humans, clinical symptoms, methods of disease diagnosis and treatment, as well as prevention and control. Disease incidence in animals will also be an additional topic. Methods of collecting and submitting material for testing will also be presented. The potential use of certain zoonotic agents as biological weapons will also be one of the topics. Particular attention will be paid to the risks that exist in the veterinarian's career, but also to a special role in preventing the occurrence of zoonotic diseases and protecting human health. One of the main objectives of the module is to explain to students their responsibilities and the role they will play in protecting human health. In addition, the basics of medical and veterinary legislation will be presented
The learning outcomes for the module include a description of the knowledge, skills and social competences that the student will gain after completing the module.	Knowledge:
	A student knows and understands: K1. infectious and parasitic agents that can cause zoonotic diseases in humans;
	K2. methods for dealing with suspected zoonotic diseases in humans
	K3. the risk of zoonoses associated with violations of food hygiene rules
	K4. the role of the veterinarian and the Veterinary Inspection in protecting human health
	Skills:
	A student can: S1. use their knowledge and skills to protect human health

	S2. collect material for laboratory tests on suspicion of disease of zoonotic potential
	S3. assess the occupational risks associated with the place and nature of work
	Social competences:
	A student is willing to: C1. responsible behaviour, with an awareness of their role in protecting the health and lives of people
	C2. cooperate with representatives of other professions in the field of public health protection
Preliminary and additional requirements	Sequence of subjects
Module content	Classes: 1. Basic concepts of zoonotic diseases. Classification of zoonoses. Legal regulations. 2. Rabies. 3. Influenza viruses of various animal species and humans. 4. Other zoonoses of viral background. 5. Bacterial zoonoses, part. 1. 6. Bacterial zoonoses, part. 2. 7. Vector-borne diseases - Lyme disease. 8. Other vector-borne diseases. 9. Toxoplasmosis, bartonellosis. 10. Parasitic zoonoses - nematodes. 11. Parasitic zoonoses - tapeworms. 12. Dermatophytoses and parasitic diseases of the skin. 13. Foodborne zoonoses. 14. Bioterrorism - a real threat. 15. Credit.
List of basic and supplementary literature	1. Greene C.E.: Infectious diseases of dogs and cats. 2. Colville J., Berryhil D.: Handbook of Zoonozes, Identification and prevention, Elsevier 2007. 3. Specialized medical and veterinary literature.
Planned forms/activities/teaching methods	author's media presentations, descriptions of clinical cases, presentation of scientific reports, discussion
Verification methods and ways of documenting the achieved learning outcomes.	K - the knowledge test is held in the last class in the form of a closed test, consisting of 20 questions with 1 correct answer to be given (the maximum number of points possible to obtain is 20). At least 60% of the questions,which is 12 and above must be answered correctly for a passing grade. Credit thresholds are consistent with by Book of Quality of Education; S - evaluation of planned veterinary actions during the course of classes on the examples of the discussed infectious diseases - presentation of diseases and clinical cases on the basis of which the students develop veterinary actions for a given case in terms

<table>
<tr><td></td><td colspan="3">of diagnostic methods that can be used and the rules of conduct when there is a suspicion of an infectious disease with zoonotic potential;
C - social competences of the student will be verified on the basis of the views presented during discussion and student's approach to self-study. Special attention will be given to the issue of the veterinarian's responsibility for human health.
One student absence is allowed during the course.</td></tr>
<tr><td rowspan="10">ECTS credits</td><td colspan="3">CONTACT</td></tr>
<tr><td></td><td>Hours</td><td>ECTS</td></tr>
<tr><td>laboratory classes</td><td>15</td><td>0.5</td></tr>
<tr><td>Consultations</td><td>2</td><td>0.07</td></tr>
<tr><td>Credit</td><td>1</td><td>0.03</td></tr>
<tr><td>TOTAL contact</td><td>18</td><td>0.6</td></tr>
<tr><td colspan="3">NON-CONTACT HOURS</td></tr>
<tr><td>preparation for classes</td><td>5</td><td>0.2</td></tr>
<tr><td>exam preparation</td><td>5</td><td>0.2</td></tr>
<tr><td>TOTAL non-contact/ ECTS credits</td><td>10</td><td>0.4</td></tr>
<tr><td rowspan="4">The workload related to the classes requiring direct participation of academic teachers:</td><td>Practical classes</td><td>15</td><td>0.5</td></tr>
<tr><td>consultations</td><td>2</td><td>0.07</td></tr>
<tr><td>credit</td><td>1</td><td>0.03</td></tr>
<tr><td>TOTAL with direct involvement of the teacher</td><td>18</td><td>0.6</td></tr>
<tr><td>Relation of module learning outcomes to major learning outcomes</td><td colspan="3">K1. – A.W13. +++
K2. – B.W8. ++
K3. – B.W17. +
K4. – B.W16. ++
S1. – A.U16. +++
S2. – B.U6. +
S3. – B.U25. ++
C1. – K1. ++
C2. – K11. +++</td></tr>
<tr><td>Elements and values affecting final grade</td><td colspan="3">The final grade for the "Zoonoses" course equals 100% of the final passing grade.</td></tr>
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