

Module name:		Zoonoses
ECTS:		1
Learning effects		Course outcomes:
Knowledge:	1	Student knows and understands biology of infectious agents inducing zoonoses, including mechanisms of disease transmission and organism defence systems
	2	Student knows and understands causes and symptoms of zoonoses in animals and humans, patomorphological changes as a consequences of zoonoses in animals and humans, procedures of therapy and prevention in the particular zoonoses in animals and humans
	3	Student knows and understands diagnostic (including differential diagnostics) and therapeutic procedures of zoonoses in animals and humans
	4	Student knows and understands rules of clinical evaluation and animal health monitoring, taking into account suspicion of zoonosis
	5	Student knows and understands appropriate law regulations, rules governing issuing of the verdicts and official opinions for the law courts, state, local and veterinary administrations in relation to zoonoses
	6	Student knows and understand conditions for appropriate utilisation and disposal of animal by-products and management of waste from animal production, that are possible sources of zoonoses
	7	Student knows and understands functioning of the State Veterinary Service and State Sanitary Inspection, also in the aspects of the control and eradication of zoonoses
	8	Student knows and understands rules of consumers health protection by the appropriate organ responsible for the production of foods of animal origin
	9	Student knows and understands occupational health and safety regulations in veterinary practice
Skills:	1	Student knows how to select and implement rational, direct and conceptual antimicrobial (zoonotic agent) therapy regarding target animal species
	2	Student knows how to plan anamnesis in order to acquire precise information on animal or group of animals (heard), and their environment, taking into account aspects of zoonoses detection.
	3	Student knows how to plan activity in the interdisciplinary team , in relation to the problem of zoonoses, especially regarding cooperation with medical doctors and sanitary inspectors
	4	Student knows how to appropriately interpret responsibility of the veterinary surgeon towards animal, its owner, society and environment , taking into account problem of zoonoses in animals and humans
	5	Student knows how to choose for professional advice and help proper specialists or specialised units in difficult cases, taking into account zoonoses
	6	Student knows how to analyse the accuracy of epizootic procedures in case of the law-regulated diseases, taking into account zoonoses
	7	Student knows how to plan epizootic and epidemiologic investigation in suspicious cases to be zoonoses
Competences:	1	Student is prepared to take responsibility for his decisions concerning humans, animals and environment

	2	Student is prepared to utilise unbiased sources of information about zoonoses, with particular emphasis on emerging and re-emerging zoonoses
	3	Student is prepared to constantly update knowledge and skills for professional development
	4	Student is prepared to communicate with co-workers and share the knowledge in the field of zoonoses eradication
	5	Student is prepared to collaborate with specialists of the other professions for the protection of public health
Objectives of the module required to obtain learning effects:		The educational purpose is to prepare students to work as a public or private veterinary professional for the prevention of zoonoses, the source of which are the food of animal origin, food of a different origin, food-producing animals, companion animals. Students learn about the aetiology, symptoms, clinical and laboratory diagnosis and the non-specific and specific prevention, as well as the methods of eradication and control of zoonoses (parasitic, viral, prion, bacterial, fungal, emerging - emerging zoonoses). Lectures include legal aspects of these issues and relate to the functioning of the public health system.
Assessment methods:		Written test