

Module name:	Toxicology	
ECTS:	3	
Learning effects	Course outcomes:	
Knowledge:	1	Student knows basic toxicological definitions and dependences
	2	Student knows and understands toxicokinetics and toxicodynamics principles
	3	Student knows and describes the most frequent poisonings in different animal species, including their causes, clinical signs and pathomorphological manifestations
	4	Student knows and understands the principles of diagnostics and therapy of acute and chronic poisonings, including the knowledge on antidotes and rules of their applications
Skills:	1	Student is able to collect toxicological data, including environmental aspects
	2	Student is able to select biological material for toxicological analysis and prepare it for laboratory delivery
	3	Student is able to perform basic toxicological analysis and based on their interpretation conduct risk assessment
	4	Student is able to design most suitable therapeutical protocol in acute and chronic poisoning
	5	Student can elaborate a problem related to chemical impact on animal health and discuss it
Competences:	1	Student is prepared to make its mind in a situation of chemical hazard (decide about therapy protocols for affected animals and personal protective equipment for individuals involved)
	2	Student is prepared to perform risk assessment resulting from exposure to chemical (risk for individual animal, group of animals and human health) and prevent such exposure
	3	Student is prepared to analyze original literature
	4	Student is ready to collaborate with other specialists to protect public health in regards to chemical risk
Objectives of the module required to obtain learning effects:	During the course student acquires basic information in the field of veterinary toxicology, including prevention, diagnostics and treatment of animals' poisonings; risk assessment for animals, human and environment which results from environmental contamination, and eventually the knowledge how to react quickly and suitably to the possible emergencies and how to prevent them.	
Assessment methods:	Seminars, written exam	