Module name:		Veterinary pharmacology 1
ECTS:		**4**
Learning effects		Course outcomes:
Knowledge:	1	Student knows definitions and concepts in the field of general pharmacology, pharmacokinetics and experimental pharmacology
	2	Student knows the detailed pharmacology of organ drugs in relation to about 150 active substances including: pharmacodynamics, pharmacokinetics, side effects and contraindications in the main species of domestic animals
	3	Student can classify about 300 active substances together with their assignment to the appropriate ACTVet group (including 3 level of classification)
	4	Student understands drug interactions and polytherapy
	5	Student knows in the basic level pharmaceutical law, including in the field of writing medicines on the prescription
	6	Student understands the issues of drug impact on the environment and the problem of drug residues in products of animal origin
Skills:	1	Student is able to use the drug to achieve the desired changes in the healthy body
	2	Student is able to choose the right drug to modify the body's functions in a given pathological condition
	3	Student can write the medicinal product on the prescription
	4	Student is able to calculate a withdraw period for the drug
	5	Student is able to communicate knowledge in the field of drug action and justify the choice of drug for treatment
Competences:	1	Student uses medicines in a responsible manner
	2	In the selection of the drug student is primarily guided by the well-being of the patient
	3	Student finds information about new drugs,
	4	Student is involved in the progress of new drugs pharmacology, assesses the differences between drugs based on their own observations
	5	Student deepens the knowledge necessary for further education
Objectives of the module required to obtain learning effects:		Familiarization with general pharmacology (mechanisms of action of drugs at the molecular, cellular, organ and whole organism levels, pharmacokinetics, drug interactions) and detailed pharmacology of organ-acting drugs (characteristics of selected veterinary drugs representing individual anatomical, therapeutic and chemical classification groups - ACTVet). Understanding of the classification of active substances used in the treatment of animals. Knowledge of the basics of veterinary pharmacotherapy (indications, contraindications, side effects and interactions of drugs, in different species of animals).
Assessment methods:		Seminars, 2 written tests