

Module name:	<b>Clinical and laboratory diagnostics 1</b>	
ECTS:	<b>3</b>	
Learning effects	Course outcomes:	
Knowledge:	1	Student knows basic nomenclature used in clinical and laboratory diagnostics
	2	Student knows the relationship between the clinical examination methods of organ systems and proper choice of laboratory tests.
	3	Student knows the basic principles of work in the analytical laboratory keeping in mind proper ethical values.
Skills:	1	Student can fill out the patient „clinical chart” specific for each species with information gathered from the interview and the clinical examination
	2	Student can perform the whole clinical examination, including the medical interview, general and detailed physical examination with special attention to standards of ethics
	3	Student can use the indices of production, laboratory parameters and wellness parameters for the assessment of herd health status and diagnosis of subclinical disease states
Competences:	1	Student is prepared to assess biological laboratory samples (blood, urine) useful for laboratory tests
	2	Student is prepared to read and identify results of laboratory tests with respect to reference values.
Objectives of the module required to obtain learning effects:	Student learns the basic methods of general clinical examination, including species differences, to apply these methods in the diagnosis of diseases in individual animals and in the herd. Student learns to collect biological material for laboratory tests along with the principles of its storage and transport to the laboratory to confirm the initial diagnosis. Student learns to collect information from an anamnesis and a clinical exam as well as the results of laboratory tests and record correct medical history.	
Assessment methods:	Evaluation of practical skills, written test	