Module name:		**Diagnostic imaging of large animals**
ECTS:		**2**
Learning effects		Course outcomes:
Knowledge:	1	Student knows the physical interactions used in common imaging methods
	2	Student knows the principles of preparing the patient for imaging under general anaesthesia
	3	Student knows the safety rules and procedures during the USG examination
	4	Student knows the safety rules and procedures during the RTG examination including the rules of radiation protection and use of contrast media;
	5	Student knows the rules and safety procedures during endoscopic examinations
Skills:	1	Student can conduct an interview and a clinical trial aimed at selecting or excluding the use of common imaging techniques
	2	Student can choose a common imaging technique for the clinical situation
	3	Student can prepare the patient for USG, RTG, endoscopic examination
	4	Student can perform the USG, RTG, endoscopic examination
	5	Student can assess the results of USG, RTG, endoscopic examination
	6	Student can use scientific sources in assessing the results of an imaging study
Competences:	1	Student is ready to choose a modern common technique based on specialist knowledge
	2	Student is aware of their knowledge and benefits of using common imaging techniques
	3	Student is aware of the need for continuing education and is ready to deepen knowledge using scientific sources
	4	Student acquires competence in cooperation with a radiologist in the selection and evaluation of the results of imaging tests
Objectives of the module required to obtain learning effects:		Course aims to familiarize students with common techniques of imaging physiological and pathological changes occurring in farm animals and horses. Radiology offers veterinarians several tools that significantly extend diagnostic options. The course aims to prepare students for the proper selection of common imaging techniques and the possibility of clinical applications through active participation in imaging tests performed using technical solutions commonly used in clinical diagnostics.
Assessment methods:		2 written tests