

Module name:	Histology and embryology	
ECTS:	5	
Learning effects	Course outcomes:	
Knowledge:	1	Student knows the histological structure of structures, organs and systems (alimentary, sense organs, integumentary, urinary, male and female reproductive) and their diversity depending on their function and the species of animal.
	2	Student understands the relationship between organs and systems and their functions.
	3	Student defines and describes mammalian embryology and understands interspecies differences.
	4	Student is fluent in terminology in the field of histology and embryology.
Skills:	1	Student improves excellent handling of microscopic equipment
	2	Student is able to assign microscopic images to individual tissues, organs and histological and embryological systems.
	3	Student is able to logically and creatively present histological issues in the aspect of organs and systems.
	4	Student is able to logically and creatively present embryological issues.
Competences:	1	Student can combine theoretical and practical knowledge
	2	Student is ready to use his/her knowledge and skills in studying preclinical and clinical subjects.
	3	Student is aware of the need for continuing education and is ready to regularly use the deepening of knowledge, using scientific sources.
Objectives of the module required to obtain learning effects:	<p>During the course student acquires a knowledge of the structures of animal tissues and organs, their components and functions.</p> <p>Understanding the correlation between tissues in the different organs.</p> <p>Characterizing and describing the differences between tissues and organs. The course develops and enhances skills in operation of microscope and interpretation of microscopic images. The further field of course is introduction to Animal Embryology, therein gametogenesis, fertilization and the development of embryo and foetal, implantation and placenta formation.</p>	
Assessment methods:	10 short tests, 2 written tests, 2 practical evaluations, practical (oral) and written exams	