

Study Programme: Veterinary medicine		
Course Unit Title: Horse clinical pathology and therapy		
Course Unit Code: 3ДВМ4И59		
Name of Lecturer(s): Mihajlo Erdeljan, PhD, assistant professor		
Type and Level of Studies: DAS		
Course Status (compulsory/elective): elective		
Semester (winter/summer): summer		
Language of instruction: english		
Mode of course unit delivery (face-to-face/distance learning): face-to-face		
Number of ECTS Allocated: 8		
Prerequisites: None		
Course Aims: Introducing students with mechanism of development of pathological conditions, causes and consequences of development of pathological conditions on different organs and systems, as well as possibilities for their prevention, diagnosis and treatment using the most modern methods.		
Learning Outcomes: The student should master the specifics of anatomical material and the physiological processes of the horse, know modern diagnostic methods, understand the mechanisms of etiopathogenesis as well as specific pathomorphological and pathophysiological processes that are specific to horses.		
Syllabus: <i>Theory</i> Specificity of anatomical structure and physiological processes. Pathological conditions of the digestive system. Pathological state of the respiratory system. Pathological conditions of the cardiovascular system. Pathological conditions of the urogenital tract. Pathological conditions of the nervous system. Pathological conditions of the musculoskeletal system. Pathological conditions of the blood, lymph nodes and spleen. Endocrine disorders. Metabolism disorders. Pathological skin conditions. The following diseases. Sports medicine. Specificity in the clinical pathology of certain organ systems in relation to other species. Experimental models. <i>Practice</i> Clinical exercises. Student research work.		
Required Reading: <ul style="list-style-type: none"> • Trailović D.: Bolesti kopitara, Naučna KMD, Beograd, 2011.; • Trailović D.: Bolesti kopitara: Praktikum, Naučna KMD, Beograd, 2010.; • Trailović D.: Dijagnostika i terapija oboljenja konja, Naučna, Beograd, 2009. • Trailović Dragiša, Marijan Kosec, Ramiz Čutuk i saradnici.: Dijagnostika i terapija oboljenja konja Naučna KMD, Beograd 2009. • Reed SM, Bayly WM, Sellon DC,: Equine Internal Medicine 3rd ed., Saunders, Philadelphia, 2010. • Hinchcliff K. W. i sar.: Equine Exercise Physiology: The Science of Exercise in the Athletic Horse, 1e. Saunders, Filadelfija, 2007. 		
Weekly Contact Hours:	Lectures: 4(60)	Practical work: 4(60)
Teaching Methods: Computer presentation, collection of slides and films, demonstrations in healthy and sick animals, treatment of clinical		

cases in veterinary clinics. Clinical exercises on horses, horse clubs and hippodromes.

Knowledge Assessment (maximum of 100 points):

Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	
Practical work	5	oral exam	50
Preliminary exam(s)	40	
Seminar(s)			

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.