

<b>Study Programme:</b> Veterinary medicine		
<b>Course Unit Title:</b> Horse sport medicine		
<b>Course Unit Code:</b> ЗИВМ11063		
<b>Name of Lecturer(s):</b> Mihajlo Erdeljan, PhD, assistant professor		
<b>Type and Level of Studies:</b> IAS		
<b>Course Status (compulsory/elective):</b> compulsory		
<b>Semester (winter/summer):</b> winter		
<b>Language of instruction:</b> english		
<b>Mode of course unit delivery (face-to-face/distance learning):</b> face-to-face		
<b>Number of ECTS Allocated:</b> 2		
<b>Prerequisites:</b> Equine diseases I, Equine diseases II		
<p><b>Course Aims:</b></p> <p>The subject provides the student with theoretical and practical knowledge of the specificities of the physiology and pathology of sports horses in various disciplines of equestrian sport. Students should master the basic skills of diagnostics and gain the ability to independently carry out clinical procedures for the purpose of therapy and prevention of spore horses and improving sports performance of sports horses.</p>		
<p><b>Learning Outcomes:</b></p> <p>After studying the course and taking the exam, the student should: 1. state the basic physiological mechanisms for adjusting to training and physical workload, 2. evaluate the horse's fitness by functional tests including the load test, 3. use the results obtained in the diagnosis of the most important disorders caused by physical burdens, 4. organize the appropriate regimen, 5. collect all clinical signs and anamnestic data; and 6. evaluate and apply appropriate preventive and therapeutic measures in order to preserve and improve sports performances horse.</p>		
<p><b>Syllabus:</b></p> <p><i>Theory</i></p> <p>Influence of physical burden on organism and adaptation of the body to training and loading of sport horses. Evaluation of sports performance prior to introduction into training. Psychological basis of training of sports horses. The basics of training sports horses and the specificities of horse training for certain disciplines of equestrian sport. Estimation of the degree of horse training. Diseases of the cardiovascular and respiratory system caused by physical stress, neuro-endocrine and metabolic stress disorders, musculoskeletal disorders caused by stress, sports injuries, doping and antidoping control. Diseases that reduce sports performance.</p> <p><i>Practice</i></p> <p>Conducting functional tests for assessing the level of horse training, diagnosis and treatment of sports injuries and specific diseases. Clinical exercises on horses, horse clubs and hippodromes.</p>		
<p><b>Required Reading:</b></p> <ul style="list-style-type: none"> <li>• Траиловић Д: Дијагностика и терапија обољења коња, ФВМ, Београд, 2007.</li> <li>• Траиловић Д, Траиловић Ружица: Коњарство и коњички спорт, ВетКер, Београд, 2009.</li> <li>• Hinchcliff K. W. i sar.: Equine Exercise Physiology: The Science of Exercise in the Athletic Horse, 1e. Saunders, Filadelfija, 2007.</li> </ul>		
<b>Weekly Contact Hours:</b>	<b>Lectures:</b> 1(15)	<b>Practical work:</b> 1(15)
<b>Teaching Methods:</b>		

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):**

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	5	practical exam	10
Practical work	5	oral exam	40
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.