

Course Unit Descriptor

Study Programme: Veterinary medicine		
Course Unit Title: Clinical veterinary pharmacology		
Course Unit Code: 3DVM3I38		
Name of Lecturer(s): Full professor Stojanović M. Dragica		
Type and Level of Studies: doctoral studies		
Course Status (compulsory/elective): elective		
Semester (winter/summer): winter		
Language of instruction: English		
Mode of course unit delivery (face-to-face/distance learning): Face-to-face		
Number of ECTS Allocated: 6		
Prerequisites: Scientific research methods, Biostatistics, Courses of elective blocks 1 and 2		
<p>Course Aims:</p> <p>The aim of the course is to teach students to conduct rational pharmacotherapy in the treatment of a variety of organic, bacterial and parasitic diseases of small and farm animals. The purpose of this course is to train students to recognize the profile of adverse reactions in certain groups of medications and how to treat them, and to register new adverse reactions that are not provided in instructions for drug application.</p>		
<p>Syllabus:</p> <p><i>Theory</i></p> <p>Efficacy and safety of drugs for the treatment of diseases of the digestive system, respiratory, cardiovascular, genitourinary, endocrine, skin disease and sensory organs in the treatment of sepsis, bacterial and parasitic diseases of small animals, farm animals, fish and bees. Treatment of adverse reactions of drugs. Drug interactions.</p> <p><i>Practice</i></p> <p>Will be performed in the field and will be followed by the use of drugs in animals on farms of cattle, horses, pigs, poultry, as well as in cats and dogs in veterinary clinics and hospitals. Students will get to know about the most common failures that accompany the application of these drugs in animals such as: cutting effectiveness of applied drug and the reasons for it, reducing adverse drug reporting to the lowest possible level of treatment and eventually caused severe adverse reactions.</p>		
<p>Required Reading:</p> <ol style="list-style-type: none"> 1. Veterinary pharmacology and therapeutics, Adams, H. R., 8th edition. Iowa State University Press/Ames, Iowa, 2001. 2. The veterinary formulary, Bishop, M.J., 6th edition, Royal Pharmaceutical Society of Great Britain and British Veterinary Association, 2005. 3. Veterinary Drug Handbook, Plumb D. C., 6th edition, Iowa State University Press/Ames, 2008. 4. Antimicrobial Therapy in Veterinary medicine, Giguere, S., Prescott, J. F., Baggot, J.D., Walker, R. D., Dowling, P., 4th edition, Iowa State University press/Amess, 2007. 		
Weekly Contact Hours: 4+4	Lectures: 4	Practical work: 4
Teaching Methods:		

Oral presentation with video beam presentation. Students prepare term paper and oral expose it with public comment.

Knowledge Assessment (maximum of 100 points):

Pre-exam obligations	points	Final exam	points
Active class participation		written exam	30
Practical work		oral exam	70
Preliminary exam(s)		
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.