

Study Programme: <i>ANIMAL SCIENCE</i>			
Course Unit Title: MORPHOLOGY AND PHYSIOLOGY OF POULTRY			
Course Unit Code: 19MST1115			
Name of Lecturer(s): Prof. dr Aleksandar Božić , Prof. dr Dragan Žikić			
Type and Level of Studies: MASTER ACADEMIC STUDIES			
Course Status (compulsory/elective): elective			
Semester (winter/summer): winter			
Language of instruction: Serbian			
Mode of course unit delivery (face-to-face/distance learning): face to face			
Number of ECTS Allocated: 6			
Prerequisites:			
Course Aims: A clear understanding of morphological and physiological characteristics of livestock in the district covered by the subject content. Acquiring knowledge for successfully overcoming of further subjects crucial for the master work.			
Learning Outcomes: Students achieved an average 75% performance in completing the pre-examination and exams, which enables them easier to understand other subjects in the further study.			
Syllabus: <i>Theory</i> Cardiovascular system and immune system. The endocrine system. Skin and skin products. Digestive organs. Respiratory system. The reproductive system. Enzymes in feed digestion in poultry. Digestion in the digestive tract and absorption. The importance of microorganisms in the digestion of poultry. The metabolism of organic and inorganic substances. Regulation of acid-base balance. The functions of the liver and the factors that affect the intensity of metabolic processes. Vitamins. Hormones. The ratio of neural and humoral regulation. <i>Practice</i> Morphology of cardiovascular system, the endocrine system and the skin. The morphology of the digestive tract. The morphology of the respiratory and genital organs. The methodology of research in physiology, identify and interpret physiological parameters. Modern techniques in the physiology of poultry.			
Required Reading: Sjaastad, Q.V., Hove, K., Sand, O. Physiology of domestic animals, Scandinavian veterinary Press, 2003			
Weekly Contact Hours:	Lectures: 2	Practical work: 2	
Teaching Methods: In lectures used a prepared presentation of lessons and practical work involved training on models and on samples brought from slaughterhouses, as well as the observation of items tissues and organs using a microscope			
Knowledge Assessment (maximum of 100 points): 100			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	60
Practical work	5	oral exam	

Preliminary exam(s)		
Seminar(s)	30		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			