

Course Unit Descriptor

Study Programme: Animal science
Course Unit Title: <i>Hygiene and prevention of diseases of game animals</i>
Course Unit Code: 19MST1I26
Name of Lecturer(s): Ass. Prof. Miroslav I. Urosevic, PhD; Ass. Prof. Dejan Beukovic, PhD
Type and Level of Studies: Postgraduate academic studies, MSc.
Course Status (compulsory/elective): elective
Semester (winter/summer): winter
Language of instruction: English, German
Mode of course unit delivery (face-to-face/distance learning): face-to-face
Number of ECTS Allocated: 6
Prerequisites: No
Course Aims: Acquaintance of students with the basic measures to prevent the occurrence of diseases of game in hunting grounds and on farms, all to ensure economical and environmentally sustainable production. This also includes various monitoring measures for wild game in natural and intensive livestock farming, so that at the end of this course, students will acquire functional knowledge and skills, that are necessary for further research work in the field of hunting and breeding of game in the broadest sense.
Learning Outcomes: To obtain an educated specialist with an academic education, who has expanded and deep knowledge in the field of wildlife health care, upgraded to the knowledge and skills acquired in the first degree academic studies. The knowledge acquired in the master's studies enables the student to recognize the most important symptoms of infectious and non-infectious game diseases, to understand the basic principles of biosecurity measures in game habitats: hunting grounds, district, and pheasantries, as well as to individual and teamwork approach to solving various problems of game health protection.
Syllabus: Theory Basic anatomical and physiological characteristics of wild animals of importance for susceptibility to infectious and non-infectious diseases. Basic postulates of health care in wild game populations. Preventive measures of the occurrence of diseases in free game populations. Zoo hygiene and measures to prevent the occurrence of diseases in wild game in nature and intensive farming. Health protection measures of wild game in transport. Monitoring measures of the most important game diseases and record keeping. Monitoring of the epizootic situation of infectious and parasitic game diseases in Serbia and the region. Zoohygiene measures on game farms. Biosecurity measures in hunting grounds and game farms. Implementation of game quarantine. Procedures for taking and sending samples of wild animals for pathological, bacteriological, and parasitological examination. Basic provisions of legal regulations in Serbia and the European Union regarding infectious game diseases. Measures to prevent the transmission of infectious, parasitic diseases as well as zoonoses to humans and animals through meat and other game products. Sanitary shooting of wild game. Practice Visit to business entities and scientific/educational institutions that deal with growing and processing game meat.
Required Reading: 1. Wobeser G.A. (2013) Investigation and management of disease in wild animals. Springer Science & Business Media 2. Maffey G., van der Wal R., Irvine R.J., Playfair R. (2015) Farming for Venison; investigating the

barriers to deer farming in Scotland, University of Aberdeen, UK.
<https://deerfarmdemoproject.scottish-venison.info/wp-content/uploads/2016/03/Venison-Farming-Final-Report.pdf>

3. Fletcher J. ed. (2022) The Management of Enclosed and Domesticated Deer: International Husbandry Systems and Diseases. Springer Nature.

Weekly Contact Hours: 2 + 2	Theory: 30/ semester	Practical work: 30/ semester
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Teaching Methods: Lectures and Practical classes, Consultations on disposal

Knowledge Assessment (maximum of 100 points): 100

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

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