

<b>Study Programme:</b> Veterinary Medicine
<b>Course Unit Title:</b> Ethology
<b>Course Unit Code:</b> 3IVM4O20
<b>Name of Lecturer(s):</b> Assistant Professor Marija Pajić
<b>Type and Level of Studies:</b> Undergraduate Academic Studies
<b>Course Status (compulsory/elective):</b> Compulsory
<b>Semester (winter/summer):</b> Summer
<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> 2.5
<b>Prerequisites:</b> None
<p><b>Course Aims:</b></p> <p>The subject enables students to acquire: knowledge/understanding of basic categories, systems, forms and strategies of behavior in domestic animals, ethogramme, behavioral disorders and welfare of domestic animals and problems regarding animal welfare; skills of analyzing and determining the significance of basic categories, systems, forms and strategies of behavior in domestic animals, determining the relationship of behavior, welfare and production status of domestic animals, reviewing and establishing the basic elements in planning the minimum security standards to protect the welfare of farm animals; ability to analyze and apply the program of general measures to prevent the occurrence of behavioral disorders and other problems in relation to animal welfare.</p>
<p><b>Learning Outcomes:</b></p> <p>After completing the subject, student should be able to: define and explain basic categories, systems, forms and strategies of behavior of domestic animals, and their background, ethogramme, behavioral disorders, welfare and problems regarding animal welfare; identifies and distinguishes the typical behavior, of the behavioral disorders in animals; assess housing conditions and transporting of animals; to approach the animals and their owners in a professional and responsible manner; prepare and implement programs of general measures to prevent the occurrence of behavioral disorder and ensure animal welfare; point to the existence of specific problems and failures in providing adequate conditions for the breeding and care of animals, and to participate in resolving and overcoming them in order to protect the welfare and the rights of animals.</p>
<p><b>Syllabus:</b></p> <p><i>Theory</i></p> <p>Introduction to Ethology. Innate and acquired behavior. Basics of animal behavior (groups of animals). Behavior in relation to food intake. Basics of behavior in reproduction. The influence of environmental factors on animal behavior. Stress and adaptation, animal welfare and the welfare indicators. Ethology, welfare and animal productivity. Social and accommodation space, transport and animal behavior. Behavior disorders in animals and conditions opposite from welfare (pain and suffering). The behavior of sick animals. Veterinarian-client-patient relationship. The legislation concerning animal welfare, minimum welfare standards, most important problems in animal welfare.</p> <p><i>Practice</i></p> <p>Presentation of students' term papers on behavior and welfare, discussion, exercise strategies for communication with colleagues and owners of animals, analysis of animal behavior in different circumstances (visiting zoos, farms, kennels and animal shelters)</p>

**Required Reading:**

1. Marijana Vučinić: Ponašanje, dobrobit i zaštita životinje. FVM, Beograd, 2006.
2. Željko Pavičić: Opća etologija. Veterinarski fakultet Sveučilišta u Zagrebu, Zagreb, 2006.
3. Antun Asaj: Higijena na farmi i u okolišu (Chapter 3), Medicinska naklada, Zagreb, 2003.
4. Vlasta Herak-Perković, Željko Grabarević, Josip Kos: Veterinarski priručnik (Chapter 4), Medicinska naklada, Zagreb, 2012.

**Weekly Contact Hours:** 30**Lectures:** 15**Practical work:** 15**Teaching Methods:**

Interactive lectures, discussions, with the use of audio-visual aids; Presentation of term papers, visits to zoos, farms, kennels and animal shelters, discussion about the observations and attitudes of students, training (practice) of different strategies in communication.

**Knowledge Assessment (maximum of 100 points): 100**

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	16	written exam	
Test	20	oral exam	50
Preliminary exam(s)		.....	
Term paper(s)	14		

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