

<b>Study Programme:</b> Veterinary medicine			
<b>Course Unit Title:</b> Parasitic disease of fish			
<b>Course Unit Code:</b> 3DVM3I46			
<b>Name of Lecturer(s):</b> Assistant Professor Nikolina Novakov, Teaching assistant Bojana Vidović			
<b>Type and Level of Studies:</b> Doctoral studies			
<b>Course Status (compulsory/elective):</b> Elective			
<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> 8			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> Mastering of the technique of examination, clinical diagnosis and therapeutic treatment of fish parasitic diseases.			
<b>Learning Outcomes:</b> Students will have the necessary knowledge and skills in the diagnosis and prevention of parasitic diseases of fish.			
<b>Syllabus:</b>			
<i>Theory</i>			
Incidence of diseases, causes and distribution of diseases, epizootiological factors, sources and transmissions of the agent. Susceptibility to the disease, the impact of the environment on disease. Identification of the parasite. Myxosporidiosis. Chilodonellosis. Telohanellosis. Trichodinosis. Ichthyobodosis. Ichthyophthiriosis. Gyrodactylosis. Dactylogyrosis. Diphlostomatosis. Posthodiplostomatosis. Ligulosis. Sphaerosporidiosis. Nematodoses. Acanthocephalosis. Hirudinosis. Fish diseases caused by arthropods. Treatment of the disease.			
<i>Practice</i>			
Methods for fish health inspection and health monitoring. Diagnostic methods of parasitic fish diseases in the pond. Identifying of fish diseases according to fish behavior. The study of the development cycle of parasites. The study of clinical and pathomorphological changes. Preventive and therapeutic measures.			
<b>Required Reading:</b>			
<ol style="list-style-type: none"> <li>1. Available scientific journals.</li> <li>2. Fijan, N. Zaštita zdravlja riba. Poljoprivredni fakultet, Osijek, 2006.</li> <li>3. Edward, J. N. Fish disease; Blackwell, 1996.</li> <li>4. Ćirković, M. Et al: Ribarstvo. Poljoprivredni fakultet, Novi Sad, 2002.</li> </ol>			
<b>Weekly Contact Hours:</b> 120	<b>Lectures:</b> 60	<b>Practical work:</b> 60	
<b>Teaching Methods:</b>			
The method of oral presentation and discussion, the method of written work (essay), practical work in the ponds and laboratory.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class		written exam	30

participation			
Practical work		oral exam	40
Preliminary exam(s)		.....	
Seminar(s)	30		
<p>The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.</p>			