

Syllabus

Professional Practical Training in avian diseases and diseases of wildlife and exotic animals – MODULE 1

Professional Practical Training in avian diseases

Professional Practical Training in avian diseases (1 CFU; 18 hours)			
<p>Learning outcomes: The student will be able to:</p> <ul style="list-style-type: none"> • Perform a clinical and post-mortem examination in birds • Collect biological samples for laboratory examinations. 			
Seminars and practical activities			
Skills acquired	Topics	Contents	Hours
<p>CARRYING OUT A FIELD CLINICAL EXAMINATION (3 HOURS)</p> <p><i>The student will be able to:</i></p> <p>a) Obtain anamnestic and environmental information on the flock, perform a clinical examination;</p> <p>b) Obtain diagnostic samples for laboratory procedures.</p>	<p>Clinical diagnostic investigation (Seminar)</p>	<p>Health survey scheme in poultry: environmental examination, flock information and clinical history, clinical examination.</p>	2
	<p>Collecting sampling from live birds (Practical)</p>	<p>Poultry capture and handling; obtaining blood specimens from the wing vein; obtaining conjunctival, tracheal, rhinopharyngeal, and cloacal swabs.</p>	1
<p>CARRYING OUT A FIELD POST-MORTEM EXAMINATION (4 HOURS)</p> <p><i>The student will know:</i></p> <p>a) The post-mortem examination technique in birds;</p> <p>b) How to collect and store biological samples for laboratory tests;</p> <p>c) Microscopic examination of intestinal smears.</p>	<p>Post-mortem examination (Seminar)</p>	<p>Seminar on the post-mortem examination technique in birds.</p>	2
	<p>Post - mortem examination and samples collection (Practical)</p>	<p>During the post-mortem examination, each student will collect samples for microbiological, virological, molecular, histopathological, parasitological, and toxicological analyses.</p>	2

<p>THE POULTRY VETERINARIAN: MEET THE EXPERT HOURS)</p> <p>The student will know: a) The poultry veterinarian tasks and duties.</p>	<p>The profession of the veterinarian in the poultry sector (Seminar)</p>	<p>The veterinarian will introduce his tasks and duties with respect to the poultry industry or the public health institution (ASL or IZS) where he is employed.</p>	<p>3</p>
<p>A VISIT TO A POULTRY FARM (5 HOURS)</p> <p>The student will know: a) Biosecurity measures and vaccination protocols; b) How to collect diagnostic samples for laboratory tests.</p>	<p>Poultry farm visit, biosecurity measures and vaccination protocols; collection of biological samples for diagnostic purpose (Practical)</p>	<p>Biosecurity measures and vaccinations protocols applied in the poultry farm will be discussed. The student will collect biological samples from birds, such as blood specimens from the wing vein; conjunctival, tracheal, rhino-pharyngeal, and cloacal swabs.</p>	<p>5</p>
<p>PRACTICAL TEST WITH DISCUSSION (3 HOURS)</p>	<p>Group work presentation and practical exam</p>	<p>Group-work presentation on the characteristics of the poultry farm visited.</p> <p>Practical test on:</p> <ul style="list-style-type: none"> - Collection of clinical diagnostic samples - Post-mortem examination and sample collection 	<p>3</p>