

Syllabus
Core Clinical Training (CCT) in avian diseases and diseases of wildlife and exotic animals
MODULE 1 - Core Clinical Training (CCT) in avian diseases

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