

Organization

WILDLIFE AND EXOTIC ANIMALS INTERNSHIP

(Module 2 of the Avian Pathology and Wildlife and Exotic Animals Internship)

- The Wildlife and Exotic Animals Internship is scheduled for the second semester of the 4th year of the course;
- Trainees are organized in 4 shifts. Each shift requires 20 hours of activity (seminars, practical exercises and educational visits);
- Current students are automatically enrolled. Students at their fifth-year or not-enrolled in the course must register well in advance by sending an email to the teacher (mauro.delogu@unibo.it);
- The groups will be the same for both MODULE 1 (Avian pathology) and MODULE 2 (Wildlife and exotic animals);
- The trainee must be equipped with a clean gown and dedicated to necropsy activities; Further specific personal protective equipment (PPE) will be provided at the start of the activities;
- To successfully conclude the training activity the student must attend at least 75% of the scheduled hours.

Specific skills that the Wildlife and Exotic Animals Internship aims to provide:

1. Adequate knowledge of infectious diseases of wildlife and exotic animals;
2. Knowledge of the main national, European and world regulations (CITES - Washington Convention);
3. Ability to determine species, sex class and age of mammals and birds;
4. Correct use of the sampling tools (nets, telenarcosis guns, blowguns, rods, etc.);
5. Adequate knowledge for performing autopsies on wild animals, developing a deductive approach and assuming a limited number of differential diagnoses on the lesions detected;
6. Approach the various species by knowing the basic manual skills of the clinical examination and adequately collecting the remote and recent environmental history;
7. To promote teamwork;
8. Proper skills for communication with Institutional bodies.

TITLE OF ACTIVITY	DESCRIPTION OF THE ACTIVITY	PLACE	HOURS
Introduction to the Anthropocene	Introductory lesson on the Anthropocene era through the projection of a movie on the Age of Man.	Wildlife Educational Laboratory/Center Wildlife Veterinarian	2 h
European mammal fauna and qualitative and quantitative population estimates	Lesson on the European mammal fauna with a focus on age groups, determination of the sexes, direct and indirect censuses with recognition of signs of presence in the field.	Wildlife Educational Laboratory/Center Wildlife Veterinarian	4 h
Teletherapy and telenarcosis	Lesson on the administration of drugs from distance and possible telenarcosis for wild animals management.	Wildlife Educational Laboratory/Center Wildlife Veterinarian	2 h

European birds and population estimation techniques	Lesson on the <i>Aves</i> class and on their main pathologies of interest. Students will work together with the teacher hypothesizing various differential diagnoses, pathogenesis, and identification of anatomical-pathological pictures.	Wildlife Educational Laboratory/Center Wildlife Veterinarian	4 h
Necropsy activities	Establishment of a teamwork to perform necropsies on deceased wildlife. Students will work together hypothesizing various differential diagnoses, pathogenesis, and identifications of anatomical-pathological pictures.	Necropsy rooms	4 h
Educational visit to a zoological collection	Visit to a zoological collection led by veterinarians and discussion about the possible practical and working applications of the Veterinarian in these contexts. Seminars on practical collection management zoological, conservation projects and <i>captive breeding</i> .	Natura Viva Zoological Park, Bussolengo (VR)	6,5 h

Internship manager: Dr. Mauro Delogu, mauro.delogu@unibo.it