Syllabus

Core Clinical Training (CCT) of Avian Pathology and Wildlife and Exotic Animals

MODULE 2 – Core Clinical Training (CCT) in Wildlife and Exotic Animals

CCT ON WILDLIFE AND EXOTIC ANIMALS [cod. 69929] - Module 2 (1 CFU; 20 hours per group)

The student will learn:

1. To correctly determine the species, sex class and age in mammals and birds;
2. The ecologies of pathogens and the main infectious diseases of wildlife and Exotic animals;
3. The main national, European and global regulations on the detention and trade of wildlife;
4. To hypothesize various differential diagnoses and pathogenesis on the basis of anatomical-pathological pictures;
5. The impact of pathogens in the Anthropocene era

Seminars and practical exercises

THEMES AND COMPETENCES ACQUIRED	METHODS	SPECIFIC CONTENT	HOURS
ANTHROPOCENE *Knowledge of the mechanisms that have caused the development of pathogens capable of performing jumps of species*	Screening of documentary movies	Anthropocene with the screening of a documentary movie that explores the theme of the Age of Man.	2 h
MAMMAL FAUNA EUROPEAN *recognition of the main species* *Recognition of age and sex classes* *techniques of census*	Seminar at the "Educational Laboratory of Wildlife"	European mammal fauna of various age groups, determination of sexes, direct and indirect censuses with recognition of signs of presence in the field.	4 h
TELETHERAPY AND TELENARCOSIS *- Knowledge of the tools for the administration of drugs at a distance*	Seminar	Administration of drugs from distance and possible telenarcosis for the management of wild animals.	1 h

EUROPEAN BIRDLIFE *recognition of the main species* *Recognition of age and sex classes* *Census* techniques	Seminar at the "Educational Laboratory of Wildlife"	Palearctic avifauna of various age classes, sex determination and census techniques.	3 h
NECROPSY ACTIVITIES *perform necropsies on wildlife* *hypothesize D.D. and pathogenesis* *Identifications of anatomical-pathological pictures*	Exercise	Teamwork for performing necropsies on deceased wildlife. Students will work together hypothesizing differential diagnoses, pathogenesis, and identifications of anatomical-pathological pictures.	2 h
VISIT TO A ZOOLOGICAL COLLECTION *knowledge of the veterinary medical profession in the field of wildlife and exotic animals* *Importance of the veterinary in the conservation management*	Seminar	Visit to a zoological collection led by veterinarians. Discussion about the possible roles of the Veterinarian in these contexts.	4 h
	Seminar and practical part	Practical management of zoological collections, the role of the veterinarian in conservation projects and *Captive breeding*.	4 h