

Syllabus

INTERNSHIP AVIAN PATHOLOGY AND WILDLIFE AND EXOTIC ANIMALS

MODULE 2 – WILDLIFE AND EXOTIC ANIMALS

INTERNSHIP 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 <i>Knowledge of the mechanisms that have caused the development of pathogens capable of performing jumps of species</i>	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 <i>recognition of the main species</i> <i>Recognition of age and sex classes</i> <i>techniques of census</i>	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 <i>- Knowledge of the tools for the administration of drugs at a distance</i>	Seminar	Administration of drugs from distance and possible telenarcosis for the management of wild animals.	1 h

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