

Course:	M547 - Veterinary Nursing in Small Animals Master
Degree:	Master
Curriculum Unit:	4001015 - Exotic Animal Nursing Techniques
Scientific field:	Veterinary Sciences
ECTS(*):	5
Curriculum year:	1st
Curriculum semester:	2nd
Frequency Regime:	Semestrial
Teacher(s):	Manuel Vicente de Freitas Martins Catarina Manuela Almeida Coelho João Rodrigo Gonçalves Goiana Mesquita
Contact hours (**):	TP-15; LP-6; TO-20
Total work time (hours):	125

(*) - ECTS - European Credit Transfer and Accumulation System

(**) – T- Theoretical; TP- Theoretical/Practical; LP- Lab Practice; S- Seminars; I- Internships; TU - Tutorials; TO – Tutorial Orientation; O- Other (Evaluations)

Objectives / Competences

Propose specific management practices and advise a program of preventive medicine.

Provide students with general knowledge of medical pathology and pathology in parasitic exotic species.

Enable the student to the interpretation of physiological changes in animals when out of its natural system.

Enable the student to the basic anesthetic monitoring. Assign responsibilities for specialized technical support in carrying out various operations and enable it for the postoperative care. Provide students with a competence to perform therapeutic procedures previously established.

Syllabus

Classification of different exotic species (small mammals, exotic birds, amphibians and reptiles): anatomical and physiological characteristics and peculiarities of each species. Methods for containment and collection of biological samples. Diagnostic methods: radiology, clinical analysis. General approach to parasitic diseases, metabolic, nutritional, endocrine, oncology and infectious. Notions of general anesthesia and surgery. Exotic pharmacology: therapeutic procedures.

Teaching methodologies and evaluation criteria

The different classes will allow the student to understand the basis of different species for themselves in theoretical terms and will introduce practical work with them.

If not possible to guarantee on the desired contact with all situations and species, the teacher may use movies, photos and other multimedia resources in order to demonstrate the cases related to the course.

Short bibliography

Meredith, A. & Redrobe, S., BSAVA Manual of exotic pets. 4th. ed. Quedgeley : BSAVA, cop. 2002. VIII, 304 p. ISBN 0-905214-47-1

Girling, S., Veterinary nursing of exotic pets. Oxford : Blackwell Publishing, cop. 2003., 314 p.. ISBN 978-1-4051-0747-1

Aspinall, Victoria - Clinical procedures in veterinary nursing. 2nd ed. Edinburgh, etc : Butterworth Heinemann, 2008. XII, 346 p.. ISBN 978-0-08-045266-1

Ackerman, N., The consulting veterinary nurse. Oxford, etc. : Wiley-Blackwell, cop. 2012. XII, 251 p.. ISBN 978-0-470-65514-6

Rees, P.A. An introduction to zoo biology and management. Oxford. Wiley-Blackwell, cop. 2011. X, 416 p.. ISBN 978-1-4051-9350-4