

# **PATHOLOGY OF EXOTIC PETS AND NEW COMPANION ANIMALS (VI Year)**

**No. of credits** 8

## **Subject structure (weekly assigned hours)**

Semester	Lecture	Seminar	Practical session	Project
XII	3	-	6	-

## **Subject status**

Course from optional module

## **Person in charge**

Associate Professor TANASE IRINA-OANA DVM, Phd

## **Subject objectives (lectures and applications)**

- Acquiring basic knowledge's regarding exotic animal's pathology,
- Familiarizing students with anatomic, physiologic and nutrition traits of the main exotic animals studied,
- Undertaking knowledge regarding infectious pathology, parasites, surgery, metabolic disorders in exotic pets studied,
- Applying prevention protocols and therapy in exotic pet pathology.

## **Subject content (syllabus)**

Lectures	Hrs.
Introduction to exotic animal pathology. Class Reptilia-general description. Order Chelonia: Turtles - anatomy, physiology, nutrition.	6
Order Squamata: snakes and lizards - features anatomy, physiology, nutrition and housing.	3
Class Aves - general description. Birds housed in cages - features anatomy, physiology, nutrition and housing.	6
Class Mammalia - general description. Order Rodentia: squirrel, hamster	3
Order Rodentia: guinea pig and Chinchilla - anatomy, physiology, nutrition and housing.	3
Order Rodentia: Nutria - features anatomy, physiology, nutrition and housing.	3
Order Fissipeda: otter, polecat, mink - features anatomy, physiology, nutrition and housing.	6

Practical Sessions	Hrs.
Pathology and specific therapy in turtles	10
Pathology and specific therapy in lizards and serpents	10

Pathology and specific therapy in exotic birds	10
Pathology and specific therapy in squirrel and hamster	6
Pathology and specific therapy in Guiney pig and chinchilla	12
Pathology and specific therapy in nutria	6
Pathology and specific therapy in: otter, polecat and mink	6

## Bibliography

1. Course according to the syllabus taught in the amphitheater (PowerPoint presentation).
2. Practical work as curriculum (PowerPoint presentation)
3. Tanase Irina-Oana, 2016 – Patologia animalelor exotice și de agrement. Editura "Ion Ionescu de la Brad" Iasi, ISBN: 978-973-147-218-8.
4. Fowler, M., Miller R., *Zoo and Wild Animal Medicine*. Current Therapy 4. 1997.
5. Girling S., *Veterinary Nursing Of Exotic Pets*. Blackwell Publishing Ltd, 2003.
6. Redrobe S., Meredith Anna, *Small mammal, exotic animal and wildlife nursing. Manual of Advanced Veterinary Nursing*. BSAVA; 1 edition, 2000.
7. Shine R., *The Reproductive Biology Of Australian Reptiles: A Search For General Patterns* Zoology, University of Sidney, New South Wales. Australia 2006.
8. Sue Paterson, *Skin Diseases of Exotic Pets*. Blackwell Science Ltd, 2006.

## Subject content knowledge (Final evaluation)

Evaluation type	Evaluation methods	Percentage from final
Preliminary examination	Written exam	60%
Individual activity during respective semester	Orally	20%
This course	-	20%

## Contact person

**Associate Professor TANASE IRINA-OANA DVM, PhD**

Faculty of Veterinary Medicine - USAMV Iași  
8 Aleea Mihail Sadoveanu, Iassy - 700489, România  
phone: 0040 232 407328, fax: 0040 232 407327  
E-mail: [tanase\\_oana@yahoo.com](mailto:tanase_oana@yahoo.com)