

Parasitology and Parasitic Diseases (4th year)

No. of credits 3

Subject structure (weekly assigned hours)

Semester	Lecture	Seminar	Practical session	Project
VIII	2	-	2	-

Subject status

Compulsory

Person in charge

Lecturer ACATRINEI Dumitru, DVM PhD

Subject objectives (lectures and applications)

- Knowledge skills in Parasitology and Parasitic Diseases in domestic and exotic animals.
- Practical skills in clinical examination of animals affected by parasitic diseases.
- Training skills in morphological identification of animal parasites
- Training skills in paraclinical diagnosis and treatment of parasitic diseases

Subject content (syllabus)

Lectures	Hrs.
Introduction in the study of the parasitic arthropods: morphological features, bio-ecology, general taxonomy	2
Main diseases produced by ticks and mites in domestic and wild mammals and birds	10
Main diseases produced by insects in domestic and wild mammals and birds	14
Antiparasitic therapy and prevention	2

Practical Sessions	Hrs.
Introduction to paraclinical parasitology. Methods for collecting, packing, preserving and transporting samples for paraclinical exams.	2
Coproscopy. Direct exams. Fecal flotation and sedimentation.	2
Coproscopy: methods for larvae detections. Larvae and parasites egg count methods	2
Diagnosis methods for parasites living in blood cells and plasma	2
Parasites from milk, tears, lymph and other fluids.	2
Meat parasites examination. Organs and tissues parasites.	2
Skin parasites examination	2

Equine applied parasitology	2
Large ruminant applied parasitology	2
Small ruminant applied parasitology	2
Swine applied parasitology	2
Dog and cat applied parasitology	2
Rodents, birds and exotic pets applied parasitology	2
Practical exam	2

Bibliography

1. Compulsory bibliography

1. Course notes from amphitheater presentations (powerpoint).
2. Constantin N. și colab., 2014 – Tratat de Medicină Veterinară, Vol. VI – Parazitologie. Ed. Risoprint Cluj-Napoca.
3. Cosoroabă, I., Dărăbuș, Gh., Oprescu, I., Morariu, S., - Diagnostic paraclinic și tehnici experimentale în parazitologie. Ed. Mirton, Timișoara, 2002.

Facultative bibliography

1. Chițimia, L., Căpușele ixodide. Ed. Mirton, Timișoara, 2007. ISBN 978-973-52-0167-8
2. Cosoroabă I., 2000 – Parazitologie Veterinară. Ed. Mirton, Timișoara.
3. Beugnet, F., Polack, B., Dang, H., - Atlas de coproscopie. Ed. Kalianxis, Clichy, France, 2004. ISBN 2-915758-02-6
4. Șuteu, I., Cozma, V., - Practicum parazitologic veterinar. Ed. Risoprint, Cluj-Napoca, 2004. ISBN 973-656-626-9
5. Olimpia C. Iacob - Parazitologia și clinica bolilor parazitare la animale - Helmintoze "ION IONESCU DE LA BRAD", Iași, ISBN 978-973-147-066-5.

Subject content knowledge (Final evaluation)

Evaluation type	Evaluation methods	Percentage from final
Exam		60 %
Individual activity during respective semester		20 %
Practical / Clinical case		20 %

Contact person

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