



The Hebrew University of Jerusalem

Syllabus

EQUINE MEDICINE AND SURGERY (A) - 65752

Last update 30-12-2023

HU Credits: 6

Degree/Cycle: 2nd degree (Master)

Responsible Department: Veterinary Medicine

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Rehovot

Course/Module Coordinator: Gila Sutton

Coordinator Email: gila.sutton@mail.huji.ac.il

Coordinator Office Hours: S-Th, by appointment or by email

Teaching Staff:

Prof Ron Ofri,
Dr. Gila Sutton,
Dr. Gal Kelmer,
Dr. Ronnie Kaufmann

Course/Module description:

The course will include various aspects of equine medicine and surgery.

Course/Module aims:

to acquire theoretical knowledge in equine internal medicine and surgery with the emphasis on integration of the theoretical knowledge with the clinical findings

Learning outcomes - On successful completion of this module, students should be able to:

At completion of the course, the student will have acquired basic knowledge in equine medicine and surgery.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Primarily lecture presentations, with some quizzes on Moodle Exam.

Course/Module Content:

all equine medicine & surgery fields including decision making in colic, neonatal disease and care, emergency medicine including receiving a colic, penetrating wounds, colitis and other gastrointestinal disorders (EGUS & ileus), weight loss, respiratory diseases, liver and endocrine disease, anemia and clotting disorders, hematology and aspects of clinical pathology and cardiology.

Required Reading:

Surgery:

- 1. Equine Surgery, Auer & Stick, 2012*
- 2. Diagnosis and Management of Lameness in the Horse - Ross & Dyson 2nd edition 2011 Elsevier*

Medicine:

- 3. Large Animal Internal Medicine Smith, Van Metre, Pusterla Mosby 2019*
- 4. Maggs DJ, Miller PE, Ofri R. Slatter's Fundamentals of Veterinary Ophthalmology,*

5th edition. Elsevier, St. Louis, 2013. ; ISBN 10-1437723675

5. Gilger BC. *Equine Ophthalmology*, 2nd edition. Elsevier, St. Luis, 2011. ISBN 978-1-4377-0846-2

6. *Equine Neonatal Medicine and Surgery* by Knottenbelt, Boldstock and Madigan, 2004

7. Cardiology chapter in: *Equine Medicine and Surgery (2-Volume Set)* by Patrick T. Colahan DVM, Alfred M. Merritt DVM MS, James N. Moore DVM PhD and I. G. Mayhew BVSc PhD FRCVS (Jan 15, 1999)

8. *Cardiology of the horse* / edited by Celia M. Marr, I. Mark Bowen. 2nd ed. Edinburgh ; New York : Saunders, 2010.

Additional Reading Material:

Surgery:

1. *Clinical Radiology of the Horse* - Butler et al. 3rd edition 2008 Wiley-Blackwell
2. *Atlas of Equine Endoscopy*- Slovis 2004 Mosby
3. *Diagnostic and Surgical Arthroscopy of the Horse*, McIlwraith, Nixon & Wright 3rd edition 2005 Elsevier

Medicine:

1. *Equine Internal Medicine* - Reed, Bayly and Sellon 2017 Saunders
2. *Veterinary Clinics of North America: Equine Practice* (series) Elsevier
3. *Equine Neonatal Medicine: A case based approach* by Paradis, 2006.

Grading Scheme:

Written / Oral / Practical Exam 90 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 10 %

Additional information:

Additional notes will be made available.

The exam is to be held on campus. The exam will be entirely on Moodle exam. Most of the questions are multiple choice although some short answer questions may be included.