



The Hebrew University of Jerusalem

Syllabus

EQUINE MEDICINE AND SURGERY (A) - 65752

Last update 16-02-2014

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: sutton@agri.huji.ac.il

Coordinator Office Hours: S-Th, by appointment

Teaching Staff:

Dr. Gila Sutton
Gal Kelmer
Dr. Gila Zur
Dr. Ron Ofri

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 based on written material provided.

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.

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 BP Smith 4th edition 2008*

Ophthalmology:

- 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. *Muscle Diseases:*

□ MacLeay JM. *Diseases of the musculoskeletal system*. 2004. In: *Equine internal medicine*, 2nd edition. Reed SM, Bayly WM, Sellon DC eds. p. 478...

□ MacLeay JM.

7. *Diseases of the musculoskeletal system*. 2010. In: *Equine internal medicine*, 3rd edition. Reed SM, Bayly WM, Sellon DC eds. p. 488....

□ Stanley, R.L., Mccue, M.E., Valberg, S.J. Mickelson, J.R., Mathews, I.G., Mcgowan, C., Hahn, C.N., Patterson-Kane, J.C. and Piercy, R.J. 2009. A glycogen synthase 1 mutation associated with equine polysaccharide storage myopathy and exertional rhabdomyolysis occurs in a variety of UK breeds. *Equine Vet J*, 41:597-601.

8. *Practical Equine Dermatology* by David Lloyd, Janet Littlewood, Mark Craig and Robert Thomsett

9. *Manual of Equine Dermatology*
by Reg R. Pascoe Derek C. Knottenbelt

10. *Equine Dermatology* by Danny W. Scott ,William H. Miller) 2nd edition

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

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 2010 Saunders
2. *Veterinary Clinics of North America: Equine Practice (series)* Elsevier
3. *Equine Neonatal Medicine: A case based approach* by Paradis, 2006.

Course/Module evaluation:

End of year written/oral examination 92 %

Presentation 0 %

Participation in Tutorials 0 %
Project work 0 %
Assignments 0 %
Reports 0 %
Research project 0 %
Quizzes 8 %
Other 0 %

Additional information:

Additional notes will be made available.