

Food Animal Clinics I

Study Programme: MIMV Curricular Year: 5th Semester: 9th Compulsory Credits: 3.5 ECTS

Lecturer(s): Miguel Saraiva Lima (CCP and R), George Stilwell, Ricardo Bexiga

1. Contact hours:

Lectures - 13 hours, **Field work** 34 hours, **Total** 47 hours

2. Objectives:

The objective of this course is to allow the students to contact and participate in the resolution of clinical cases in the area of large animals. We hope that the students by the end of this training program will have a good idea of what will be the activity of a large animal practitioner. Basically, the teaching is based on 3 different aspects:

- 1 – Clinical exam (physiopathologic mechanisms of disease, interpretation of the results of clinical, laboratory and other clinical exams) and therapeutic actions.
- 2 – Resolution of heard health problems (mastitis, metabolic diseases, etc.).
- 3 – Execution of some mechanical activities, like resolution of dystocias, surgery work, dehorning calves, trimming hooves, etc.

3. Programme:

Dairy cattle diseases related with calving
Dairy cattle diseases related with nutrition
Production diseases of dairy cattle
Acute abdómen in dairy cattle
Infectious diseases in dairy cattle
Lameness in dairy cattle
Mastitis in dairy cattle
Infectious diseases in dairy heifers
Facilites and welfare in dairy cattle
Fluidoterapia em bovinos jovens e adultos
Colostrum and milk replacers in cairy calves
Other diseases in dairy cattle

4. Bibliography:

Radostits, Blood and Gay, **Veterinary Medicine**, 10^a edição, Saunders, Elsevier, 2007.
Rebhun's, **Diseases of Dairy Cattle**, Saunders Elsevier, 2^a edição, 2008.
Smith, B.P., **Large Animal Internal Medicine**, 2^a edição, Mosby Company, 1995.
Howard & Smith, **Current Veterinary Therapy 4, Food Animal Practice**, W.B. Saunders, 1999.
Stilwell G.T. **Clinica de Bovinos**, Publicações Ciência e Vida, 2013
Pugh, D.G. **Sheep and Goat Medicine**, 2^a edição W.B. Saunders, 2012.
Martin W.B, e Aitken I.D, **Diseases of Sheep**, 3^a edição, Blackwell Science, 2000.
Smith M.C. e Sherman D.M **Goat Medicine**, Lea & Febiger, 2009.

4. Assessment:

Written exam based on multiple choice and short questions.
Oral presentation of a clinical case