

Food Animal Clinics I

Study programme: MIMV Curricular Year: 5th Semester: 9th Compulsory ECTS: 4,0

Lecturers: Miguel Saraiva Lima (CCP), George Stilwell, Ricardo Bexiga, Gonçalo Ortega

1. Contact hours: Lectures – 13, Lecture/Practical – 12, Field work - 34

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 and therapeutic actions.
- 2 – Resolution of heard health problems.
- 3 – Execution of some mechanical activities.

3. Programme:

Dairy cattle diseases related with calving
 Dairy cattle diseases related with nutrition
 Production diseases of dairy cattle
 Acute abdomen 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
 Fluidtherapy in calves and adult cattle
 Colostrum and milk replacers in dairy calves.
 Other diseases in dairy cattle

The program was established according to the objectives of the course and skills that should be acquired by students. The theoretical contents cover the major themes that are currently taught in the Food Animal Clinics I and II courses providing the students with basic / applied knowledge and contributing to the integration of pre-existing knowledge enabling the students to acknowledge and understand in detail the biological phenomena and their dynamics, from their causes or etiology to the procedures applicable to the patient's recover to a normal health status. The practical program ensures a specific training of the major methodological / clinics approaches applicable to every clinical situation as well as the specific techniques that give students the ability to critically select the appropriate method to solve the core problems of this subject and acquire the expected skills.

4. Bibliography:

Class handouts, lecture notes, scientific papers.

Andrews, Blowey, Body and Eddy, Bovine Medicine, Blackwell Scientific Publications, 1992.

Rebhun's, Diseases of Dairy Cattle, Saunders Elsevier, 2^a edição, 2008.

Smith, B.P., Large Animal Internal Medicine, 4^a edição, Mosby Company, 2017.

Howard & Smith, Current Veterinary Therapy 4, Food Animal Practice, W.B. Saunders, 1999.

Stilwell G.T. Clinica de Bovinos, Publicações Ciência e Vida, 2013

Clarkson M.J e Winter A.C, A Handbook for the Sheep Clinician, 5^a edição, Liverpool University Press, 1997.

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, 2014.

5. Assessment:

Written exam based on multiple choice and short questions (T).

Oral presentation of a clinical case (P)

The weight (%) of each component of the assessment (eg The final classification is obtained using the formula: $CF = 0.8T + 0.2 P$).