

FARM ANIMAL CLINICS II

Study programme: MIMV Curricular Year 5th Semester 10th Compulsory ECTS: 3.5

Lecturers: George Stilwell (CCP), Ricardo Bexiga, Gonçalo Pereira, Gonçalo Ortega

1. Contact hours: Lectures - 13, Lecture/Practical – 13, Fieldwork - 18

2. Objectives:

Develop the ability to integrate and aggregate the knowledge acquired in the previous disciplines, in order to prepare the student for the execution of a complete and systematic clinical examination, enunciation of differential diagnoses, application of therapy and establishment of preventive measures. To train students in the resolution of clinical cases in the area of food-producing animal production, according to three fundamental components: 1 – Clinical training and institution of appropriate therapy. 2 – Identification of group problems. 3 – Execution of mechanical tasks in the clinic area.

3. Programme:

The syllabus was established according to the objectives of the course and the "first day" competences that must be acquired by students to assist various species of food-producing animals. Teaching will be carried out according to the concept and always prioritizing evidence-based veterinary medicine.

The topics to be covered in the theoretical classes are clinical approaches and perspectives of: diseases of beef cattle in extensive systems; diseases of fattening cattle; diseases of small ruminants in intensive and extensive systems; toxic plants; necropsies and collection of laboratory material; cow-side tests, exams and laboratory support; judicious use of antimicrobials – rules and good practices; main swine diseases.

Practical teaching will be done through the active participation (hands-on) of students in the activities of the ambulatory clinic in dairy cows, beef cattle (suckler and fattening), small ruminants and pigs. The theoretical-practical element of the course consists in the preparation of clinical reports of the cases assisted in the ambulatory clinic as well as a review and in-class presentation of the most significant cases.

4. Bibliography:

Class handouts, lecture notes, scientific papers provided through Moodle.

Veterinary Medicine: A textbook of the Diseases of Cattle, Horses, Sheep, Pigs and Goats.

2016. Constable, P.D. et al. (Eds). 11th Edition. Saunders Elsevier.

5. Assessment:

Written exam (80%) on all subjects taught with short-answer questions. Evaluation of the practical component (20%) which includes: continuous evaluation during ambulatory clinics; evaluation of the clinical case reports; Classification of the clinical case presentation.