1. Contact hours: Lectures 26, Practical 26, Field 5, Total 57

2. Objectives:
Contribution for the student’s education on Animal Health particularly related to basic concepts and general methodologies used on the characterisation and control of infectious diseases specific of cattle and small ruminants, horses, swine, poultry and rabbits, relevant for Public Health, animal health and productivity as well as animal welfare.

3. Programme:

SMALL RUMINANTS: Bluetongue, Footrot, Contagious Agalaxia, Chlamydiosis, Maedi-Visna, Scrapie, Border Disease, CAE, Orf and Schmallenberg Disease.

HORSES: Infectious Anaemia, Strangles and Viral Rhinopmeunonitis.


RABBITS: Mixomatosis and Viral Haemorrhagic Disease

**PRACTICAL** - LABORATORY CLASSES: Mastitis (cow side tests, laboratory diagnostic and therapeutics). Model of viral diagnosis (Aujeszky Disease and African swine fever).

CASE STUDIES: Molecular Diagnostic of Infectious Diseases. Interpretation of the results of the Laboratory Diagnostic of Mycobacteria, Lesions associated with Avian Infectious Diseases. Case studies with Fowlpox and Poultry Enteritis and Mortality Syndrome (PEMS) and Aspergillosis. Avian Influenza and Newcastle Disease. Differential clinical diagnostic of swine infectious diseases, Aujeszky Disease Eradication Programme, BSE and Scrapie eradication programmes and Medical Prophylaxis in Equids.

FIELD ACTIVITIES: Accompanying veterinary field teams from Producer’s Organizations - OPP/ADS

4. Bibliography:


5. Assessment:
Theoretical course: 1 written exam. Students are evaluated for practical course by an oral exam. The final mark is the weighed mean of both exams: theoretical exam mark (70%) and practical exam mark (30%).