



SLUkurs

Syllabus

PVG0011 Large Animal Infectious Diseases, 6.0 credits

Syllabus approved

2009-12-03

Subjects

Veterinary Medicine

Education cycle

Third cycle

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

Graduate veterinarian, or biomedical researcher involved in research on infectious diseases of large animal veterinary species.

Objective, including learning outcomes

A study circle focus on critically reading current text book literature. Then each participant conduct their independent literature search determine is new and

assessing the level to which the information is up-to-date.

Aim for course participants is individual as all may not have identical background. However, this should provide an overview of selected viral pathogens in the large animal veterinary species (mainly horse, and ruminants, but also pigs), and through completion of course assignments participants will gain first hand insight into strengths and drawbacks of use of current reference text books versus electronic searches for current scientifically based medical information.

Content

Prior to each meeting course participants are to read the chapter/section in detail, with review of references (on CD). Additionally, each will search the topic electronically, and create a list of most recent publications that were not included in chapter/section.

The major input from each participant thought is to – prior to the seminar, highlight those publications from literature search that should be added to the chapter/section as they provide substantively increased understanding of the pathogenesis of the disease caused by the agent (ie: clinical/laboratory diagnosis, mechanism of disease causation, spread, epidemiology of the disease) - and provide your rationale for your choice/s.

Requirements for examination

Each assignment will begin with a short (max 1-2 paragraph) review of the key disease states caused by the virus in their species of research, and relevance to Swedish/Nordic animal holding. While much of the course time will be committed to individual study and reading, the seminar periods with the group will allow discussion of the key aspects of pathogenic mechanisms/diagnostic methods for the virus, and arrive at a consensus of which (if any) recent publications have added substance to our understanding of the pathogenesis of diseased caused by the agent, either at the laboratory diagnostic level, or clinical, animal/population level, and where applicable, the potential risk to Swedish animal industry with climate and demographic changes.

Additional information

Responsible department

Department of Clinical Sciences