



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PVG0026 Basic Epidemiology, 6 credits, 6.0 credits

Syllabus approved

2014-06-10

Subjects

Animal Science

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

Degree in veterinary or animal science, or similar background. Admitted to a postgraduate program in animal or veterinary science, biology, food science, nutrition, nursing, ecology, medicine, or related subjects, or to a residency program in veterinary science.

Objective, including learning outcomes

After completing the course the student shall be able to make inferences based on current knowledge and to design and implement studies on scientific problems from an epidemiological perspective.

Content

The course will cover: measures of disease frequency, sampling and study design, screening and diagnostic tests, measures of association, bias, confounding, causation, surveillance, control and eradication of diseases.

It is designed as a "reading course" and participants should read assigned course material and do exercises. Students are expected to participate in weekly workshops, where exercises will be discussed among students and with teachers. A "case" will be provided to the students at the beginning of the course and knowledge acquired will be applied consecutively, and a report on the case should be delivered, presented and discussed.

Requirements for examination

Successful completion of this course requires that students have a minimum attendance rate of 80% and submit an approved case-report as an assignment.

Additional information

The maximum number of participants is 20.

Department of Clinical Sciences, Department of Biomedical Sciences and Veterinary Public Health, Department of Animal Environment and Health.

Responsible department

Department of Clinical Sciences