

SLUkurs

Syllabus

PVS0044 Basic Veterinary Epidemiology, 6.0 credits

Syllabus approved

2008-11-11

Subjects

Veterinary Medicine/Animal Husbandry

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

PhD students in animal science or veterinary medicine and other PhD students with similar background in biology.

Objective, including learning outcomes

To gain understanding of epidemiology and relevant biostatistics to a level that enables the participant to undertake scientific problems from an epidemiological perspective.

Content

The course will cover: sampling and study design, screening and diagnostic tests, measures of disease frequency, measures of association, validity, confounding and interaction, linear and logistic regression. It is designed as a “reading course” and participants should read assigned course material and do exercises, for which answers are provided. Students are expected to participate in workshops, about once every second week, where exercises will be discussed among students and with teachers.

Requirements for examination

Successful completion of this course requires that students have a minimum attendance rate of 80% and completes and submit an assignment.

Additional information

The course, or an equivalent, is a prerequisite for participation in the common Nordic course “EpiNOVA – Advanced Veterinary Epidemiology” (<http://www.nova-university.org/novadb/chome/cpage.php?cnr=07-080310-246>), although participation is not a guarantee for a place at the EpiNOVA-course.

Responsible department

Department of Clinical Sciences