



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**PVG0017 Basic Epidemiology, 6 credits, 6.0 credits**

## Syllabus approved

2011-05-03

## 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 in biology. Accepted into a PhD program in animal science or veterinary medicine or other programs in biology, ecology or medicine

**Objective, including learning outcomes**

To gain understanding of epidemiology to a level that enables the participant 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.

**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 maximum number of participants is 20.

"The course is organized by the Dep't of Clinical Sciences, Dep't of Animal Environment and Health and Dep't of Biomedical Science and Veterinary Public Health.

**Responsible department**

Department of Clinical Sciences