

# PVG0039 Construction of trial protocols for controlled clinical trials, 1,5 credits

## PhD course arranged by Graduate School for Veterinary Medicine and Animal Sciences (GS-VMAS)

Course date: March 5 – March 9 , 2018

Location: Uppsala

### Content

This course is aimed to those of you who plan to conduct clinical research projects. Designing a good project plan is of crucial importance for creating a project with credible results. The course will review key concepts for scientific experiments, focusing on practical and theoretical design of controlled clinical trials.

The first part will cover the design of the experimental protocol, measurements hypotheses, population and selection, representative sampling, stratification and randomization procedures and study design. A significant part of the course consists of discussions of the various methods used in the planning of clinical trials, and how these methods are related to statistical models.

Central themes of the course will be factors and variables, establishment of database, choice of statistical models and calculation of sample size.

The course covers one week of studies (1.5 ECTS), including lectures, discussions, assignments and student presentations. Attendance is compulsory. An attendance record of at least 75% is required to pass this course and no video link is provided since discussions and other team efforts are important parts of the curriculum.

### Prerequisites

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

Information and application: [www.slu.se/gs-vmas-courses](http://www.slu.se/gs-vmas-courses)

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## Last date for application: February 5th, 2018