

# **PVG0046 Survey methodology for questionnaire-based surveys, 4 credits**

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

Course date: November 23, 2021 – January 18, 2022

Location: Uppsala

### Content

The objective of the course is to introduce the wide field of survey methodology. We explore the process for planning and conducting a survey, often referred to as the survey process, consisting of a number of survey operations. You will learn how the design of each operation can affect the quality of the survey estimates, and about trade-offs between different potential errors. Among the survey operations, we focus especially on the sampling design and on the design of a questionnaire for data collection. In addition, since nonresponse is a common problem in many surveys, you will learn about various methods for dealing with nonresponse.

The teaching consists of lectures, workshops, supervision and group exercises. The workshops are used to look deeper into survey problems of special interest to the participants. Participants are expected to bring some topic or problem that he or she is interested in exploring during the workshops.

The main components of the course are:

- The survey process.
- The total survey error and its components.
- Introduction to survey sampling and estimation.
- Introduction to questionnaire design.
- Introduction to methods for dealing with nonresponse.
- Documentation of survey quality.

### Prerequisites

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

Information and application: <http://www.slu.se/gs-vmas-courses>

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## **Last date for application: November 2, 2021**