



# **PVS0167 Quantitative microbial risk assessment, 3 credits**

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

Course date: March 8-19, 2021

Location: Uppsala

## Content

This course will teach how to conduct a risk assessment according to the OIE and the Codex alimentarius frameworks. The course will teach the concepts of hazard analyses, hazard characterization, dose-response relationships, exposure assessment, and conducting qualitative and quantitative risk assessments using tools such as RiskRanger and @Risk. In addition, the course will touch on the topics of risk management and risk communication.

While most examples will include microbial assessments, we will also use examples of chemical contaminations. The students will be given example data sets to work with, but will also be encouraged to use their own data when applicable.

The course will consist of a pre-course module, an intensive course week in Uppsala, and a postcourse assignment.

Pre-course: Materials to read, 1 day of work.

Course week: Lectures and exercises, 1 full week of work

Post-course: Writing and submission of a report, approximately 4 days of work.

## Prerequisites

Admitted to a postgraduate program in animal science, biology, microbiology, medicine, biomedicine, veterinary medicine, food science, nutrition, nursing, or related 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 8, 2021**