



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**PVS0104 Basic Microbial Risk Assessment, 6.0 credits**

## Syllabus approved

2013-12-03

## Subjects

Food 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

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

## Objective, including learning outcomes

After completing the course the student shall be able  
- to prepare simple qualitative and quantitative

- o Risk profiles
- o Import risk assessments based on OIE guidelines
- o Food safety risk assessments based on Codex Alimentarius outline
- o Risk benefit analyses
  - to describe and explain
- o the differences between risk management including benefit cost analyses versus risk assessment and their interface.

## **Content**

Topics covered in the course will include preparing risk profiles; links between risk assessment and risk management; microbial food safety risk assessment (the Codex Alimentarius outline); risk assessment of trade in animals (World animal health organisation (OIE) outline); furthermore the issues of risk benefit analyses, benefit cost analyses and imperfect knowledge will be discussed.

The tuition will be in form of lectures, homework and feedback on homework.

## **Requirements for examination**

Participation in seminars and submission of 4 homeworks that are graded pass. Homework will consist of max 2 pages executive summary to be commented by the tutor and graded pass/no pass.

## **Additional information**

The course is given within the Research School Food and Feed Safety and Quality (FFSQ). It is open for all PhD-students with the prerequisites, but students from the Research Schools have priority. Maximum 20 students per course occasion will be accepted and the course will only be given if five or more students participate.

## **Responsible department**

Department of Biomedical Sciences and Veterinary Public Health