



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PVG0003 Laboratory Animal Science, 1.5 credits

Syllabus approved

2004-11-22

Subjects

Veterinary Medicine

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

Basic biological courses ex. veterinary or MSc Animal Husbandry. Registered as a PhD-student or Master student

Objective, including learning outcomes

After completion of the course the student should:

-Have good knowledge of the laws and regulations concerning the use of animals

for research purposes.

- Have good knowledge of the necessary paperwork required for using animals for research.
- Have good knowledge of the ethical values concerning the the use of animals for research purposes.
- Have good knowledge of the procedure of planning an experiment and writing an ethical evaluation.
- Have knowledge of different parameters used for evaluating pain, stress and well-being in animals.
- Be able to define and describe the 3Rs (replacement, reduction and refinement)

Content

The course covers:

- Laws and regulations and how to apply for the permissions and the keeping of journals required by law.
- Ethics, ethical evaluation and how to write an ethical application.
- Experimental planning and alternative methods. Stress, pain, pain treatment and well-being.

This includes lectures, videos and practical exercises.

Requirements for examination

Written examination.

Additional information

According to the European and Swedish regulations, an education in laboratory animal science is required to be allowed to work with animals used for scientific purposes. This course is therefore mandatory for PhD-students who use animals in their research.

Responsible department

Department of Clinical Sciences