



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PVS0013 Genetics and Physiology of Animal Behaviour, 1.5 credits

Syllabus approved

2004-12-13

Subjects

Biology

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

Basal knowledge of Molecular Biology, Genetics and Animal Physiology. Ethology is desirable. PhD students in Animal Science, Veterinary Medicine, Biotechnology and Molecular Biology are likely to benefit from the course

Objective, including learning outcomes

To improve the quality of individual scientific projects by increasing the awareness of present knowledge of related subjects. The lectures and workshops will illustrate findings in different animals, but the emphasis of the course is on canine species.

Content

Physiology and Behaviour, Genetics and Behaviour, Neuropeptides, Domestication, Personality and Social Recognition and others. Workshops on microarrays and related techniques, methods in Physiology and Ethology and on relationship diseases-genetics-behaviour

Requirements for examination

The students will be organized in groups at the beginning of the course and asked to formulate an interdisciplinary project. They will have to write a short abstract and give an oral presentation at the end of the course.

Additional information

Tuesday 17 and Wednesday 18 are intended for literature studies at home. Lectures and workshops start Thursday 19 at 08.30 hour.

Senior scientists are wellcome to the lectures, but workshops are for the PhD students only.

Responsible department

Department of Anatomy, Physiology and Biochemistry