



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PVSoo38 Morphological Techniques in Reproductive Biology, 2.0 credits

Syllabus approved

2008-02-29

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

BSc in Biology, Animal Science, Veterinary Medicine or in similar areas. Registered PhD students with a sound justification for the course are given priority. The application should be accompanied by the individual study plan and a brief justification for attending the course.

Objective, including learning outcomes

To give the participant an insight in the possibilities and constraints with current morphological techniques used for examination of the reproductive system of farm animals. The course is also of use for those working in other organ systems or vertebrate systems.

Content

Lectures and discussions on topics like sampling techniques, sample preparation, overview of gross anatomy and histology of reproductive organs in farm animals, staining techniques, immunohistochemistry and -fluorescence, advanced microscope techniques, interpretations and common artefacts, quantitative histology and computerized image analysis.

Requirements for examination

Active participation and presentation of the student's own research project.

Additional information**Responsible department**

Department of Clinical Sciences