



Syllabus

VM0016.1 Clinical Radiology, 3.0 credits

Klinisk radiologi

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

16 November 2004

The version applies to students admitted from autumn 2005 to autumn 2012

The version is not a module version

Subjects

Veterinary Medicine

Education cycle

No specific cycle

Modules

Title	Code	Credits
Single module	0101	3.0

Advanced study in the main field

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

Swedish

Prior knowledge

Passed examinations from all courses of the 1st and 2nd year, Specific Mechanisms of Disease, Pharmacology and Toxicology, Laboratory Animal Science, Clinical Anatomy and Instruction to Clinical Studies. Participation in Food Hygiene.

Objectives

After completing the course, the student shall:

- Understand the theory and the principles of the diagnostic imaging methods including: radiography, ultrasonography and scintigraphy.
- Understand the principles of radiographic film reading and interpretation.
- Be able to use radiological principles for diagnosis of the common radiological changes caused by diseases in dogs, cats, and horses.

Content

The students are taught the important differences between the various methods of diagnostic imaging used in companion animals. The students will learn the physics of radiology, the principles of the processes used in making radiographs, the theory of radiation safety and the principles for interpretation of radiographic images. Radiograph interpretation principles are based on specific changes in the image, the so-called roentgen signs.

Implementation

The course is based on clinical work, seminars, clinical rounds, case presentations, and individual studies in the case archive.

Formats and requirements for examination

The examination includes a practical examination in radiographic image interpretation and the case presentations.

To obtain credit for the course the student must participate in the required seminars and clinical work in the diagnostic imaging department.

- If the student fails a test, the examiner may give the student a supplementary assignment, provided this is possible and there is reason to do so.
- If the student has been granted special educational support because of a disability, the examiner has the right to offer the student an adapted test, or provide an alternative assessment.

- If changes are made to this course syllabus, or if the course is closed, SLU shall decide on transitional rules for examination of students admitted under this syllabus but who have not yet passed the course.
- For the examination of a degree project (independent project), the examiner may also allow the student to add supplemental information after the deadline. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Additional information

The course is part of the clinical rotation in sport and companion animals in the fourth year of the degree. Clinical Radiology is also part of other courses, particularly the Small Animal Surgery and Medicine course, which are also held during the fourth year of the degree.

- The right to take part in teaching and/or supervision only applies to the course date to which the student has been admitted and registered on.
- If there are special reasons, the student may take part in course components that require compulsory attendance at a later date. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Responsible department

Department of Clinical Sciences

Supplementary Information

Finalized by: Programnämnden för veterinärprogrammet

Replacement course: VM7195