Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Syllabus

BI0467.1 Physiology of Domestic Animals, 15.0 credits

Husdjurens fysiologi

The course is given as course independent of study programme

Syllabus discontinued 17 June 2003

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

16 October 2001

The version applies to students admitted from autumn 2002 to autumn 2002

The version is not a module version

Subjects

Biology

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	15.0

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

The equivalent of 10 Swedish University Credits (SUC) in General and Organic Chemistry, 10 SUC in Biochemistry, 10 SUC of basic (A-level) Cellbiology and 1 SUC of basic (A-level) Animal Anatomy.

Objectives

With cell function as basis the students will, after completing the course:
- have good basic knowledge of facts and interactions necessary to understand the function of organs and organs systems in humans, foodproducing domesticated animals and laboratory animals.
- understand physiological functions that affect animal production.
- have knowledge of ethical aspects and legislation concerning the use of animals.

Content

During the course the histology and physiology of tissues and organs will be considered. The course includes lectures, microscopy practices, practices in groups, laborative work and demonstrations. The main elements in the course include the functions of skeleton, muscles and nervous system, as well as endocrinology, respiration, circulation, renal physiology, digestion, reproduction, lactation, growth and central regulatory mechanisms. The course also contains laboratory animal science.

Implementation

Lectures ca 70 h
Demonstrations ca 14 h
Microscope ca 6 h
Laboratory work ca 10 h (compulsory)
Group practices ca 20 h (10 h compulsory)

Examination

Requirements for examination

Written or oral examination.

Approved examinations according to Examination (se above) and participation in compulsory items.

- 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 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 Animal Physiology

Supplementary Information

Finalized by: Programnämnden för agronomprogrammet
Biology Area: Other Biology Courses
Replacement course: BI0068