



Syllabus

BI0542.1 Animal Physiology, 15.0 credits

Djurfysiologi

The course is given as course independent of study programme

Syllabus discontinued 4 June 2007

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

2 April 2004

The version applies to students admitted from autumn 2005 to spring 2006

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 5 Swedish University Credits (SUC) in Biochemistry and 10 SUC in Cell biology.

Objectives

With cell function as basis the students will after completing the course:

- have a good basic knowledge of facts and interactions necessary to understand the function of organs and organ systems in humans, food-producing domestic animals and laboratory animals
- understand the physiological functions that affect animal production.

Content

Basic anatomy and histology is studied as a basis for organ physiology. The main elements in the course include the functions of skeleton and muscles, nervous system and endocrinology, circulation and respiration, renal physiology, digestion, reproduction and lactation as well as growth and central regulatory mechanisms. One day of laboratory animal science is included. The course is based on lectures, dissections, demonstrations, microscopy training, laboratory work and group practices.

Implementation

Lectures ca 70 h

Demonstrations ca 10 h

Microscopy training ca 5 h

Laboratory work and group practices ca 10 h (80% compulsory)

Group discussions ca 5 h

Dissections ca 15 h (80% compulsory)

Examination**Requirements for examination**

Written or oral examination

Approved examinations 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 Anatomy, Physiology and Biochemistry

Supplementary Information

Finalized by: Programnämnden för livsmedelsutbildningarna
Biology Area: Other Biology Courses