



## Syllabus

### **BIo857.1 Animal Physiology, 10.0 credits**

#### **Djurfysiologi**

The course is given Agriculture Programme - Food (270 hec), Biology with specialisation in Biotechnology - Bachelor's Programme, Food & Health - Bachelor's Programme and Food Science - Bachelor's Programme and as course independent of study programme

Syllabus discontinued 14 December 2018

Version 1 in Slukurs. Corresponds to version 1, 2, 3, 4, 5, 6, 7, 8 and 9 in Ladok

#### **Syllabus approved**

2 June 2008

The version applies to students admitted from spring 2008

The version is not a module version

#### **Subjects**

Biology/Animal science

#### **Education cycle**

First cycle

#### **Modules**

| <b>Title</b>  | <b>Code</b> | <b>Credits</b> |
|---------------|-------------|----------------|
| Single module | 0101        | 10.0           |

#### **Advanced study in the main field**

First cycle, has less than 60 credits in first-cycle course/s as entry requirements (G1F)

## **Grading scale**

5:Pass with Distinction, 4:Pass with Credit, 3:Pass, U:Fail

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 at least 15 credits in Biochemistry and Cell Biology.

## **Objectives**

After completion of the course the student should be able to:

- describe the basic anatomy of the body
- describe tissue and organ structure and function
- explain how organ systems interact and how they are controlled by regulatory mechanisms
- identify the most important differences in organ structure and function between food producing domestic animals, laboratory animals and humans

## **Content**

The teaching is based on lectures, demonstrations, microscopy training, practicals and group discussions. The main elements in the course are the skeleton and muscles, nervous system and endocrinology, circulation and respiration, renal physiology, digestion, reproduction and lactation as well as central regulatory mechanisms.

## **Implementation**

Scheduled time:

Lectures approx. 50 h

Demonstrations approx. 5 h

Microscopy training approx. 5 h

Group discussions approx. 5 h

Practicals approx. 5 h

Examination approx. 5 h  
Estimated non-scheduled time:  
Practicals approx. 25 h  
Literature studies approx. 170 h

Totally approx. 270 tim

### **Formats and requirements for examination**

Approved written and/or oral examinations and approved attendance in compulsory segments

- 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.

### **Transitional regulations**

- Exams: At least three retake sessions (renewed exams) must be offered within two years of the decision to cancel the course.
- Compulsory elements: At least one opportunity for a retake session must be offered within two years of the decision to cancel the course.

### **Additional information**

Replaces the course BI0707 Animal Physiology, 15 credits. Overlapping the course Anatomy and Physiology of Domesticated Animals. 25 credits.

- 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:* Utskottet för naturvetenskapliga utbildningar, grundnivå (UNG)

*Biology Area:* Zoology

*Course overlap:* HV0002, #03551 Husdjurens anatomi & fysiologi 25hp

*Replacement course:* BI0707