



Syllabus

BI0085.1 Applied Animal Science, 15.0 credits

Husdjursvetenskap - animalieproduktion

The course is given as course independent of study programme

Syllabus discontinued 24 October 2000

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

10 December 1997

The version applies to students admitted from autumn 1999 to autumn 2001

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: 40 Swedish University Credits (SUC) of basic (A-level) and intermediate (B-level) courses in Biology; and 30 SUC of advanced (C-level) courses in Biology including 15 SUC in Animal Breeding and Genetics and 15 SUC in Nutritional Physiology and Feed Science.

Objectives

Having completed the course the students will:

- have good knowledge of the role of domestic animals in Sweden and globally
- be able to analyse, compare and evaluate livestock breeding and production systems with regard to production efficiency, animal health and welfare, product quality and impact on working and external environments
- have good knowledge of the role of domestic animals in sustainable agriculture
- have deeper and species-specific knowledge about feed requirements, nutritional value of different feedstuffs, optimisation of feed rations and feed composition genetic variation in different traits, and breeding programmes and breeding structures.

Content

The course covers the most common species in animal production (cattle, pigs, poultry, sheep), both species-wise and comparatively, foremost in Sweden, but also in an international perspective (developed and developing countries). Some orientation is also given on other food-producing species. Study visits and meetings with representatives for the livestock industry and animal welfare, as well as authorities and consumers, constitute important parts of the course.

Implementation

Lectures ca 90 h

Exercises/PBL ca 80 h (compulsory)

Study visits ca 40 h (compulsory)

Examination

Requirements for examination

Written and/or oral exams.

Passed examinations and attendance in compulsory parts of the course.

- 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 Breeding and Genetics

Cooperating departments:

Department of Animal Nutrition and Management

Supplementary Information

Finalized by: Programnämnden för JLT-fakultetens utbildning, Ultuna

Biology Area: Other Biology Courses