

Syllabus

Bl0091.1 Dog Breeding, Nutrition and Health, 7.5 credits

Hund - avel, utfodring och hälsa

The course is given as course independent of study programme

Syllabus discontinued 31 October 2007

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 2008

The version is not a module version

Subjects

Biology

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	7.5

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 a deeper understanding of the underlying mechanisms for dog breeding and nutrition, as well as knowledge of dog health in relation to breeding and feeding
- be able to search and validate species-specific information regarding breeding, nutrition and health of the dog
- be able to survey and scientifically analyse problems of relevance for dogs, and also to suggest solutions and present and discuss them orally and in written form.

Content

The course mainly consists of lectures on species-specific issues of importance in dog breeding, nutrition and health. The breeding parts specifically deal with effects of breeding in small populations, breeding for external traits, function, mentality and health. The nutrition parts consist of lectures on digestion, nutrient metabolism, nutritional requirements, dog feeding in practice at various life stages, raw materials ration formulation and feed toxicology. The health parts cover lectures on causes of disease, recording and analysis of disease data, examples of genetic health programmes, Swedish small animal health care, diseases related to nutrition and feeding, feeding in connection with various disease conditions, and vaccinations. The students also make a comparative analysis of conditions, control mechanisms and user interests in the dog area versus other areas of animal husbandry. Study visits to dog enterprises are included in the course. The students conduct and present a project, and also review other student projects. The projects are based on facts presented in lectures, and on literature and Internet searches, professional journals, study visits and contacts with researchers, industry, etc. Knowledge is widened through plenary reporting and discussion.

Implementation

Lectures ca 50 h

Study visits ca 10 h (compulsory)

Exercises and project work ca 70 h (compulsory)

Examination

Requirements for examination

Written and/or oral exams, reporting of exercises and project, group discussions.

Participation in compulsory parts of the course, and approved examination tasks according to the above.

- 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