

Syllabus

Bl0080.1 Horse Breeding and Nutrition, 7.5 credits

Hästens utfodring och avel

The course is given as course independent of study programme

Syllabus discontinued 8 August 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 15 SUC in Genetics and animal breeding; and 15 SUC in Feed science.

Objectives

Having completed the course the students will:

- Have good knowledge of the horse's area of use and breeding goals, its importance for agriculture and society, and also the development of the horse sector
- Have a good level of understanding of the horse as an animal species, and how its biology and variation in its characteristics is affected by breeding nutrition and management
- Be able to plan feeding strategies for the horse against the background of its species-specific characteristics
- Be able to plan for and critically evaluate different breeding programmes and management systems adapted to different categories of horse
- Be able to analyse and suggest different feeding and breeding strategies under various situations in order to achieve optimum results.

Content

The course takes up species-specific questions of importance for breeding and feeding of the horse. The course starts with lectures on the origin of the horse, different breeds and their uses and horse husbandry and trends in its development. A considerable part of the course is occupied by developing an understanding of the horse's characteristics, breed testing and evaluation methods and breeding programmes at national and international levels. Another important area is an understanding of the horse's digestive physiology and its importance for nutrient and feeding recommendations, feed usage, processing and hygienic quality. In a general part of the course, reproduction, the horse's natural behaviour and behavioural disturbances, husbandry routines, and health care and welfare questions are taken up. There are several study visits during the course that illustrate different aspects of horse husbandry. In addition, all students carry out and present a project and critically evaluate other students' projects. Group discussions and reporting

are included as a means of increasing the students' understanding of the course contents.

Implementation

Lectures ca 50 h

Study visits ca 25 h (compulsory)

Exercises and project work ca 40 h (compulsory)

Examination

Requirements for examination

Written and/or oral examinations, reporting of exercises and project and group work.

Approved examinations and exercises according to Examination and participation 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

It is possible, for students who so wish, to specialise in either breeding or nutrition. The course content and number of SUC in this case will be decided for each individual. Contact the relevant department before the deadline for joining the course. Prerequisites are then 40 SUC of basic and intermediate courses in Biology; and 15 SUC in Genetics and animal breeding; or 15 SUC in Feed Science depending on the specialisation.

- 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 Nutrition and Management

Cooperating departments:

Department of Animal Breeding and Genetics

Supplementary Information

Finalized by: Programnämnden för JLT-fakultetens utbildning, Ultuna

Biology Area: Other Biology Courses