

Syllabus

DO0128.1 Nutritional physiology and feed science, 7.5 credits

Näringsfysiologi och fodervetenskap

The course is given Veterinary Nursing programme

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

16 November 2021

The version applies to students admitted from autumn 2022

The version is a module version

Subjects

Veterinary Nursing

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	7.5

Advanced study in the main field

First cycle, entry requirements only from upper secondary school (G1N)

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

Mathematics 2a or Mathematics 2b or Mathematics 2c

Natural Sciences 2 (or of the following: Biology 1 and Chemistry 1)

Objectives

The aim of the course is to provide the student with basic knowledge in nutritional physiology, feedstuffs and feeding strategies for healthy horses, dogs, cats and to limited extent exotic pets.

After the course, the student should be able to:

- generally describe the chemical composition of nutrients and their absorption and metabolism in horses, dogs and cats
- account for nutritive requirements and feeding strategies for healthy animals, mainly horses, dogs and cats, and to lesser extent healthy exotic pets
- describe and give suggestions of suitable feeds or feed ingredients and suitable amounts of feed for healthy horses, dogs and cats
- give an overview of the importance of hygienic quality and handling of feeds, and have knowledge about common hygienic risks in feeds
- have overall knowledge of relevant feed legislation

Content

Nutrient metabolism, feed science, nutritive requirements, suitable feedstuffs and amounts of feed and relevant feed legislation is covered in lectures, mandatory exercises, group exercises, seminars, cases and problem-based teaching.

Formats and requirements for examination

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- 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 Nutrition and Management

Supplementary Information

Finalized by: Programnämnden för utbildning inom veterinärmedicin och husdjur (PN - VH)

Replacement course: DO0088, DO0108