

SLUkurs

Syllabus

PVS0073 Animal Nutrition - A comparative approach, 10.0 credits

Syllabus approved

2011-12-16

Subjects

Animal Science

Education cycle

Third cycle

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

English

Prior knowledge

Postgraduate students in Animal Science or similar. See also "Additional information".

Objective, including learning outcomes

After passing this course the student should be able to:

- describe central nutritional aspects and important differences and similarities

between species regarding nutrient metabolism

- individually and scientifically analyze nutritional questions and be able to suggest solutions
- apply scientific writing
- evaluate scientific texts and presentations and be able to give constructive criticism

Content

The course deals with the comparative aspects of nutrient and energy utilisation and metabolism in different animal species. Each student will give several small seminars where scientific articles, illustrating central parts of the course content, will be discussed and presented orally and in a written form. The knowledge is broadened by lectures and increased depth is accomplished with exercises. The project can consist of experimental or theoretical studies which can be performed individually or in groups of students. The results from the project work are presented in the form of a written scientific report and orally in a seminar.

Requirements for examination

Passed written and oral examination of exercises, seminars and project work.
Approval of compulsory components of the course.

Additional information

It is recommended that the student has knowledge equivalent to 15 credits within the area of nutritional physiology - feed science. The course may be given jointly with the advanced MSc course "Comparative Nutrition" or on an individual basis.

Responsible department

Department of Animal Nutrition and Management