

P000152, Sustainable meat production in the Nordic region, 3.0 Hp

Syllabus

Finalized by: FUN-VH, 2025-09-22

Valid from: 2026V

Level within study regulation:

Third cycle

Grading scale:

Pass / Failed

Course language:

Swedish

Entry requirements:

Admitted to a postgraduate program in animal science, biology, veterinary medicine, food science, nutrition, nursing, or related subjects, or to a residency program in veterinary science.

Objectives:

After completing the course the student should:

- be able to account for the major factors imposing constraints on the sustainability of different production systems for meat production; including theories related to nutrient partitioning and growth capacity, predicting the impact on animal production and welfare as well as on sustainability.
- be able to discuss the major areas of concern in issues related to feed production, animal nutrition and husbandry and their impact on the environment, animal health, and meat quality.

- be able to describe results of studies about animal productivity, health, environmental and economic sustainability in different Nordic production systems.
- have gained knowledge about difference

Content:

The course integrates various disciplines, such as animal nutrition, animal welfare, animal husbandry, animal health, meat quality, economics and environmental impact on sustainable meat production under Nordic conditions. The course will deliver a holistic understanding of meat production systems in

the Nordic countries with an international perspective by using interdisciplinary research in teaching. Teachers are senior researchers or scientists within agricultural universities, and they are chosen as they are experts in the topic they are teaching. Lectures are balanced with workshops in topics of individual student's interest. The course will consist of lectures, group work, cases,

excursions, student presentations and reports. Participation in lectures and workshops are mandatory. The report needs to be submitted within one month after the course.

Modes of assessment:

Student preparation before lectures and workshops by reading articles given by the teachers. Mandatory participation in lectures and workshops.

Presentations and active participation by students in workshops. Approval of report completed within a month after the course week. - If a student has failed an examination, the examiner has the right to issue supplementary assignments. This applies if it is possible and there are grounds to do so.

- The examiner can provide an adapted assessment to students entitled to study support for students with disabilities following a decision by the university. Examiners may also issue an adapted examination or provide an alternative way for the students to take the exam.
- If this syllabus is withdrawn, SLU may introduce transitional provisions for examining students admitted based on this syllabus and who have not yet passed the course.
- For the assessment of an independent project (degree project), the examiner may also allow a student to add supplemental information after the deadline for submission. Read more in the Education Planning and Administration Handbook.

Organisation:

Department of Applied Animal Science and Welfare

Supplementary information

Other information:

- The right to participate in teaching and/or supervision only applies for the course instance the student was admitted to and registered on.
- If there are special reasons, students are entitled to participate in components with compulsory attendance when the course is given again. Read more in the Education Planning and Administration Handbook.