Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Syllabus

BIo374.1 Market orientated beef production, 7.5 credits

Marknadsinriktad nötköttsproduktion

The course is given as course independent of study programme

Syllabus discontinued 3 July 2007

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

22 October 1998

The version applies to students admitted from spring 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: 20 Swedish University Credits (SUC) of basic (A-level) courses in Biology; and 10 SUC in Animal Science - Animal Production; or 40 SUC in the University Diploma Programme.

Objectives

Having completed the course, the participants will:
- be able to plan how beef can be produced in an economic and sustainable way to meet market demands for quality and quantity
- have an in-depth comprehension of how animal material, feeding and economy influences the production of beef under different conditions
- have a good understanding of the role of cattle in high quality landscape management.

Content

The course explains how market demand with regard to quantities and qualities of beef as well as nature conservation is influenced by different production conditions, such as access to animals, available farmland and grazing areas, herd structure, support programmes, quality guarantee systems etc.

Subjects treated from an overall farm perspective are animal growth, carcass properties and meat quality, ethology, nutritional requirements and feeding-stuffs, races and breeding, housing and management systems, animal health, and economy.

As an integral part of the course, the students make plans for systems and production control so that the right quality is produced at the right time from various animal material, various farm-specific conditions and market demands. During the course, international comparisons are also made, as well as comparisons with parallel branches.

In the research project, beef production on a farm is optimised on the basis of existing farm conditions and market demands.

Implementation

Lectures ca 20 h.
Exercises ca 30 h. (compulsory)
Research project ca 70 h. (compulsory)

Examination

Requirements for examination

Presentation of exercises and research project.

Participation in compulsory items, approved exercises and approved research project.

- 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

In addition to M.Sc. and University Diploma students, active extension workers and Natural Resource College teachers belong to the target group. The course is carried out in co-operation with abattoirs, SLU Kontakt and the Vocational College of Biology in Skara.

The course is given on a half-time basis. Three central meetings of 2 or 3 days are arranged in Skara, when lectures are given and certain mandatory practical items are carried out. Remaining parts of the course, research project and certain practical items may be carried out as flexible IT-based learning, provided that the participants have access to computers with Internet facilities.
The flexible IT-based item requires the participants to telework with their project farms and certain exercises. Via data communications,the participants will continuously get new assumptions/approaches to problems for the farm in order to find out

how these influence the possibilities to satisfy market demands and signals. There will be interactive teacher-to-participant and participant-to-participant feedback in a computer conference system type FirstClass.

- 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 Environment and Health

Supplementary Information

Finalized by: Programnämnden för JLT-fakultetens utbildning, Ultuna
Biology Area: Zoology