

Syllabus

BI1005.1 Production and Utilization of Forage, 10.0 credits

Vallfoders produktion och användning

The course is given as course independent of study programme

Syllabus discontinued 17 August 2016

Version 1 in Slukurs. Corresponds to version 1, 2, 3, 4, 5, 6, 7 and 8 in Ladok

Syllabus approved

2 June 2008

The version applies to students admitted from spring 2008 to spring 2016

The version is not a module version

Subjects

Biology/Agricultural science

Education cycle

Second cycle

Modules

Title	Code	Credits
Single module	0101	10.0

Advanced study in the main field

Second cycle, has only first-cycle course/s as entry requirements (A1N)

Grading scale

5:Pass with Distinction, 4:Pass with Credit, 3:Pass, U:Fail

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

Knowledge equivalent to English B from upper secondary school is required as from the academic year 2009/10.

The equivalent of 180 credits including 90 credits in biology. English skills equivalent to English A from upper secondary school.

As an alternative: the equivalent of 120 credits including 60 credits in biology, at least 20 credits crop production or 20 credits animal science should be included. English skills equivalent to English A from upper secondary school.

Objectives

After completion of the course the student will be able to:

- describe prerequisites for production of forage on arable land, meadow and natural grassland and its importance for agriculture
- describe nutritional value of forage, and of fodder consumption and digestion in animal production systems based on forage
- discuss and value results from research within the area
- give precise advice in questions regarding cultivation of ley crops and utilisation of fodder, and utilisation of natural grassland from a production and nature conservation aspect
- analyse the importance of forage in different systems of production of milk and meat, and present the result in text and orally

Content

The course deals with cultivation and harvest technology for hay and silage, management and utilisation of pastures, on arable land and meadow, utilisation and management of natural grassland, handling of the fodder, preservation of the fodder, nutritional content, fodder consumption and fodder utilisation of different domestic animals, and fodder hygiene. Lectures are alternated with exercises in group, lectures given by students, students' own project work and excursions.

Implementation

Lectures given by teachers ca 40 h

Lectures given by students ca 10 h (compulsory)

Exercises (with teachers present) including presentations ca 15 h (compulsory)
Excursions including presentations ca 10 h (compulsory)
Study visits ca 5 h
Supervision and presentation of project ca 5 h (compulsory)
Examination and evaluation ca 5 h
Exercises in group ca 15 h
Individual project ca 20 h
Literature studies ca 145 h
In total 270 h

Formats and requirements for examination

Passed written and oral test and presentation of results from projects and excercises.

- 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 Crop Production Ecology

Cooperating departments:

Department of Animal Nutrition and Management

Supplementary Information

Finalized by: Programutskottet för naturresursprogrammet- biologi och mark och agronomprogrammets mark/växtinriktning

Biology Area: Other Biology Courses

Replacement course: BIo446