Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Syllabus

BI0416.1 Topics in Plant Protection, 7.5 credits

Påbyggnadskurs växtskydd

The course is given as course independent of study programme

Syllabus discontinued 18 November 2008

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

4 October 2002

The version applies to students admitted from spring 2003 to autumn 2009

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: the compulsory courses of the study programme in Agriculture and Rural Management or of the study programme in Horticultural Management with passes in parts dealing with Plant Protection, or; the equivalent of 20 Swedish University Credits in Biology including Microbiology and Faunistics.

Objectives

A deepening of the student´s knowledge and abilities in plant protection areas. The student will, in a manner consistent with a high level of knowledge and abilities, be able to diagnose, evaluate and determine the necessity of, and possible methods of, controlling plant protection problems (pests and diseases) in practice. The course includes a section on plant protection in alternative growing (e.g. ecological production).

Content

- Use of computerised prognosis, advisory and warning systems. Weather recording on the level of the farm or company.
- Training in the field, in co-operation with established consultants. Integrated plant protection.
- Plant protection in alternative growing systems (e.g. ecological production)
- Diagnostic training in plant damage, diseases and pests.
- Taking samples, extraction and analysis of nematodes.
- Biology of resistance, transgenetic plants.
- Pheromone control of insects.
- Biological control.

Implementation

Lectures and field exercises, demonstrations, excursions, laboratory exercises.

Examination

Requirements for examination

Written reports and/or oral presentations of projects for various parts of the course. Participation in compulsory parts (field and laboratory exercises, excursions and demonstrations). Diagnostics test.

Pass grade in assignments and participation in compulsory components.

- 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

Agrosystems

Supplementary Information

Finalized by: Programnämnden för lantmästarprogrammet
Biology Area: Other Biology Courses
Replacement course: BI0389