

Syllabus

BI4261.1 Applied Functional Genomics, 7.5 credits

Tillämpad funktionsgenomik

The course is given as course independent of study programme

Syllabus discontinued 23 October 2007

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

10 October 2000

The version applies to students admitted from spring 2000 to autumn 2008

The version is not a module version

Subjects

Biology

Education cycle

Second 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: 60 Swedish University Credits (SUC) in Biology including the advanced course Functional Genomics, Theory.

Objectives

The objective is to give an introduction to application of modern techniques for functional genome analysis. The students will practically learn to set up experiments for large scale genome analysis. Techniques for genomics, proteomics and metabolomics will be applied.

Content

The practical work will be carried out in groups of two students working on a specific problem with a researcher at a department. The supervisor gives support during planning and realization of the project work. The work is put together in a scientific report and is orally presented.

Implementation

Lectures ca 10 h

Training exercises and laborations ca 50 h (compulsory)

Seminars ca 10 h (compulsory)

Examination

Requirements for examination

Written and oral presentation of project work and written examination.

Approved project work, approved examinations and participation in laborations and exercises.

- 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 Forest Genetics and Plant Physiology

Supplementary Information

Finalized by: Programnämnden för skogsvetarprogrammet, Umeå
Biology Area: Other Biology Courses