

Syllabus

BIog40.1 Biochemistry, 5.0 credits

Biokemi

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

2 June 2008

The version applies to students admitted from spring 2008

The version is not a module version

Subjects

Biology/Chemistry

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	5.0

Advanced study in the main field

First cycle, has only upper-secondary level entry requirements (G1N)

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

Swedish

Prior knowledge

Special requirements for studies in the Ethology and Animal Welfare Programme.

Objectives

After completing the course the student should:

Knowledge objectives

"-have insights in fundamental biochemistry

"-have insights in molecular principles of different biochemical structures

Content

The course comprises basic knowledge in biochemistry. The following sections are included: lipids, biological membranes, enzymes, biocatalyse, structure and function of proteins, structure and function of carbohydrates, regulation of energy metabolism, nucleic acids and DNA-technics.

Implementation

In addition to lectures, tutorial group work according to PBL (Problem Based Learning) will be included in the course. The course also includes web based exercises. In the course moment of subject integrated communicative training, with feed back and self evaluation are included.

Lectures approx. 20 h

Tutorial group work approx. 10 h (compulsory)

Examination**Requirements for examination**

Written final exam.

Approved final exam and participation in compulsory parts of the course.

- 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 Animal Environment and Health

Supplementary Information

Finalized by: Grundutbildningsnämnden, Fakulteten för veterinärmedicin och husdjursvetenskap

Biology Area: Zoology

Replacement course: BIo611