



Syllabus

KE4008.1 Organic Chemistry, 6.0 credits

Organisk kemi

The course is given Energy Systems Engineering Programme (admission before 1 July 2007) and Biosystems Engineering Programme and as course independent of study programme

Syllabus discontinued 14 March 2022

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

5 March 2001

The version applies to students admitted from autumn 2001

The version is not a module version

Subjects

Chemistry

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	6.0

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: Mathematics (D), physics (A) and chemistry (B) from Upper Secondary School and General Chemistry for the Energy systems engineering program, 5 credits.

Objectives

The goal is that the student shall:

Be able to account for and apply basic concepts and principles of organic chemistry, in particular those of importance for energy production.

Know names, formulas, properties, and reactions of the most important organic compound classes, especially those of importance for energy production.

Have some experience of experimental work in organic chemistry and of its proper documentation.

Content

The course treats reactions, chemical and physical properties of the most common classes of organic compounds, with emphasis on those of importance for energy production.

Implementation

Lectures 35 h

Seminars and group exercises 20 h

Laboratory exercises and field trips 40 h (compulsory)

Examination**Requirements for examination**

Written examinations and written and oral presentation of compulsory exercises.

Passed written examination and completed compulsory 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.

Transitional regulations

- Exams: At least three retake sessions (renewed exams) must be offered within two years of the decision to cancel the course.
- Compulsory elements: At least one opportunity for a retake session must be offered within two years of the decision to cancel the course.

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 Molecular Sciences

Supplementary Information

Finalized by: Programnämnden för naturresursprogrammet