



KH1121 Organic Chemistry 9.0 credits

Organisk kemi

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for KH1121 valid from Autumn 2007

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

To give students an understanding, at the molecular level, of why and how chemical reactions take place. Also to give students basic abilities in organic chemistry laboratory work.

Course contents

Basic knowledge of structure and reactivity of organic compounds react. Bonding conditions, reactive centres and reaction mechanisms, which form the basis of treated reaction types and synthesis methods. Practical synthesis work based on the theoretical parts of the course.

Course literature

Hart H., Craine L. E., Hart D.J., Hadad C.M., Organic Chemistry – A short Course, 12th Ed, Houghton Mifflin, 2007.

Examination

- TEN1 - Written examination, 6.0 credits, grading scale: A, B, C, D, E, FX, F
- LAB1 - Laboratory Work, 3.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Written exam (TEN1; 6 cr.). Passed lab sessions (LAB1; 3 cr.)

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.