



KH1401 Organic Chemistry, Advanced Course 1 6.0 credits

Organisk kemi, fortsättningskurs 1

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

Establishment

Course syllabus for KH1401 valid from Spring 2011

Grading scale

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

Education cycle

First cycle

Main field of study

Chemistry and Chemical Engineering, Technology

Specific prerequisites

Completed upper secondary education including documented proficiency in Swedish corresponding to Swedish B and English corresponding to English A. For students who received/will receive their final school grades after 31 December 2009, there is an additional entry requirement for mathematics as follows: documented proficiency in mathematics corresponding to Mathematics A.

And the specific requirements of mathematics, physics and chemistry corresponding to Mathematics D, Physics B and Chemistry A, as well as at least 7,5 university credits (hp) in organic chemistry.

Language of instruction

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

Intended learning outcomes

Students who complete the course shall have good knowledge in the field of organic chemistry and an ability to reason about chemical reactivity.

Course contents

Coherence between reactivity and simple physical constants will be emphasized throughout. When a chemical reaction takes place and when is it not? The latter issue may be important, for example, if you work with a package that will not react with its contents.

Course literature

Organic Chemistry, Clayden, Greeves, Warren and Wothers, Oxford 2001, ISBN 0 19 850346 6

Examination

- TEN1 - Examination, 6.0 credits, grading scale: A, B, C, D, E, FX, 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

Examination (TEN1; 6 credits)

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.