



# KH1121 Organic Chemistry 9.0 credits

Organisk kemi

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

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

## Establishment

Course syllabus for KH1121 valid from Spring 2020

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

**The upper secondary school from 1 July 2011 and adult education at upper secondary level from July 2012 (GY2011):**

Completed upper secondary education including documented proficiency in Swedish corresponding to Swedish B and English corresponding to English A.

Specific requirements; Physics 2, Chemistry 1 and Mathematics 3c, with at least the grade Pass.

**The upper secondary school before 1 July 2011 and adult education at upper secondary level before July 2012:**

Completed upper secondary education including documented proficiency in Swedish corresponding to Swedish B and English corresponding to English A.

Specific requirements of mathematics, physics and chemistry corresponding to Mathematics D, Physics B and Chemistry A, as well as 10 university credits (hp) in chemistry.

## Language of instruction

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

## Intended learning outcomes

## Course contents

Structure and reactivity of organic compounds. Bonding conditions, reactive sites and reaction mechanisms, reaction types and synthetic methods. Practical synthetic work based on the theoretical parts of the course.

## Examination

- LAB1 - Laboratory Work, 3.0 credits, grading scale: P, F
- TEN1 - Written 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.

## 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.