



# KH1400 Water Chemistry 7.5 credits

Vattenkemi

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

## Establishment

Course syllabus for KH1400 valid from Autumn 2007

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Chemistry and Chemical Engineering, Technology

## Specific prerequisites

## Language of instruction

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

## Intended learning outcomes

The course gives a basic understanding of the chemical processes of the water environment and experience of practical applications on natural waters and chemical technical systems.

## Course contents

- The chemical tools for work in water chemistry
- An overview concepts and theories in water chemistry
- Experience of practical field and laboratory work
- Experience of work within one area of water and water treatment such as tap water, waste sewage, natural resources, agricultural environment

## Course literature

Van Loon, GW & Duffy, SJ: Environmental Chemistry, Oxford Press 2002

## Examination

- INL1 - Home Assignment, 1.5 credits, grading scale: P, F
- PRO1 - Projekt Work, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- INL2 - Home Assignment, 1.5 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

Theme (TEM1;1,5 cr), Project work (PRO1;3 cr), Home assignments (INL1;1,5 cr), INL2;1,5 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.