



HX1000 Introduction to Chemistry 1.5 credits

Introduktionskurs i kemi

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

Establishment

Course syllabus for HX1000 valid from Autumn 2007

Grading scale

P, 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 repeat and confirm fundamentals of general chemistry.

Course contents

- Atomic theory and the periodic table
- Chemical substances: formulas and names
- Chemical reactions and chemical equations
- Chemical equilibrium
- Fundamentals of acid – base – pH
- Organic compounds, fundamentals of hydrocarbons

Course literature

Holum, John R.: Fundamentals of General, Organic, and Biological Chemistry, 6th edition, John Wiley & sons, New York 1997. ISBN 0-471-17574-9

Handouts

Examination

- TEN1 - Examination, 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

Written examination (TEN1; 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.