



# LI1118 Information Retrieval in Chemistry Databases 3.0 credits

Informationssökning i kemidatabaser

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

## Establishment

Course syllabus for LI1118 valid from Autumn 2012

## Grading scale

P, F

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

University level studies in chemistry are required to perform searches in the databases that are presented during the course. Specific requirement: Organic chemistry 1 (KD1090), or equivalent.

## Language of instruction

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

## Intended learning outcomes

On completion of the course, the student shall be able to:

- analyze and clearly state his/her information needs
- evaluate different sources of information and be able to choose which sources that are best suited to fulfil the information needs
- formulate search questions specifically adapted to selected sources of information
- perform text, structure and reaction based information searches in relevant databases
- critically evaluate and document the result of information searches

## Course contents

This course aims at improving the information literacy of the students. The concept of information literacy includes both the ability to search for information but also how to manage references and critically evaluate information sources.

## Disposition

A list will be provided at the start of the course

## Examination

- TEN1 - Exam, 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.

P/F

## Other requirements for final grade

A pass mark for the course requires:

1. Attendance and participation in all mandatory teaching sessions
2. A pass mark on all examination tasks

## **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.