

Experimental Chemistry

Programme course

6 credits

Kemiska experiment

NKEB08

Valid from: 2017 Spring semester

Determined by

Board of Studies for Chemistry, Biology
and Biotechnology

Date determined

2017-01-25

Main field of study

Chemistry

Course level

First cycle

Advancement level

G1X

Course offered for

- Chemistry, Bachelor's Programme

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites

Inorganic Chemistry

Intended learning outcomes

The course is mainly based on laboratory exercises and it aims at the development of the student's ability to perform experimental chemical work, either for further studies in chemistry, or for a career as school teacher in chemistry. After passing the course the student is able to:

- describe some methods qualitative inorganic analysis
- describe the fundamentals of descriptive inorganic chemistry

Course content

Qualitative chemical analysis of cations and anions. Redox chemistry. Descriptive inorganic chemistry.

Teaching and working methods

The course consists of seminars and laboratory exercises.
The course runs over the entire spring semester.

Examination

LAB1 Laboratory work 6 credits U, G

Grades are given as 'Fail' or 'Pass'.

Grades

Two-grade scale, U, G

Department

Institutionen för fysik, kemi och biologi

Director of Studies or equivalent

Magdalena Svensson

Examiner

Henrik Pedersen

Course website and other links

Education components

Preliminary scheduled hours: 38 h

Recommended self-study hours: 122 h

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.