



Course syllabus

Faculty of Health and Life Sciences

Department of Chemistry and Biomedical Sciences

2KE51E Examensarbete i kemi, 15 högskolepoäng

Degree Project in Chemistry, 15 credits

Main field of study

Chemistry

Subject Group

Chemistry

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved by Faculty of Health and Life Sciences 2015-01-29

The course syllabus is valid from autumn semester 2015

Prerequisites

Chemistry 75 credits including at least 15 credits at third year level, or equivalent.

Objectives

After completing the course the student should be able to:

- based on a scientific question plan and independently conduct a scientific study with relevant methods within the subject area of chemistry
- search for scientific information
- compile and analyse the results of the study
- present, discuss and draw conclusions based on the results of the study
- critically review and evaluate scientifically presented facts
- compile a written report of the work conducted in a format that corresponds to a scientific article within the subject area of chemistry
- give an oral presentation of the background, methods, results and conclusions of the work conducted and show advanced knowledge within the chosen area of chemistry.

Content

- Planning of a study based on a scientific problem.
- Information searching.
- Independent completion of a study.
- Compilation and analysis of data obtained.
- Interpretation of results and synthesis of own and others' results.
- Compilation according to instructions of a manuscript for a study within chemistry.
- Oral presentation and defense of results and conclusions.

Type of Instruction

The course is conducted as an independent project with support of a supervisor

The course is conducted as an independent project with support of a supervisor.
Participation in joint seminars is obligatory.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail.

Examination consists of an assessment of the work completed, a written manuscript, as well as the oral presentation and defense of the work.

Course Evaluation

A written course evaluation is conducted at the end of the course and is archived by the department's administration and communicated to the programme director.

Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material

Decided in conjunction with supervisor and examiner.