

Life Scientific Research Review

Programme course

6 credits

Livsvetenskaplig forskningsöversikt

TFKE33

Valid from: 2017 Spring semester

Determined by

Board of Studies for Chemistry, Biology
and Biotechnology

Date determined

2017-01-25

Main field of study

Chemical Biology

Course level

Second cycle

Advancement level

A1X

Course offered for

- Protein Science, Master's Programme
- Chemical Biology, M Sc in Engineering
- Protein Science, Master'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

Three years of Chemistry / Chemical biology program or equivalent program

Intended learning outcomes

The course aims to provide knowledge to communicate results and the need for advanced life science research to a variable audience, with focus on scientific communication. A major effort is the chosen life science research project or field that is to be exposed to the audience. The course will:

- Provide a deep insight into a top field or research project within the life sciences
- Provide different communication strategies
- Increase the skill of written and oral communication

Course content

A research project/field within the life sciences is thoroughly studied. Different methods to communicate results and hypotheses are explored. The students present unprepared topics orally. The final practical exam is mandatory.

Teaching and working methods

The course has a number of lectures and a seminar series where the student trains the verbal communication skills in oral and written form. A research project/field within the life sciences is thoroughly studied in the supervision of a skilled scientific investigator. The course is finalized in a conference where the student presents the research project/field.

The course runs over the entire autumn semester.

Examination

UPG2	Written assignments in English	3 credits	U, G
UPG1	Oral assignments	3 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

Per Hammarström

Education components

Preliminary scheduled hours: 56 h

Recommended self-study hours: 104 h

Course literature

Vetenskapliga artiklar samt referenslitteratur som meddelas i samband med kursstarten.

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.