

# Professional Tools

Programme course

6 credits

Professionella verktyg

TGTU62

Valid from: 2018 Spring semester

**Determined by**

Board of Studies for Chemistry, Biology  
and Biotechnology

**Date determined**

**Offered for the last time**

Autumn semester 2022

**Replaced by**

TGTU86

## Main field of study

No main field of study

## Course level

First cycle

## Advancement level

G1X

## Course offered for

- Biology, Bachelor's Programme
- Chemical Biology, Bachelor's Programme
- Chemistry - Molecular Design, 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

University studies corresponding to 60 hp

## Intended learning outcomes

The student should be able to describe the requirements that different communication situations set, increase the skill in verbal and written communication and to illustrate some language theoretical questions. After the course, the student should be able to:

- have knowledge about scientific communication processes and to understand how information resources are organized.
- use relevant tools for information retrieval and to critical scrutinize the result
- communicate according to given conditions
- structure and present information
- act as opponent on other students' texts and verbal presentations
- describe and use basic ethical theories, principles and concepts to discuss ethical problems in natural sciences and technology.
- explain the importance of professional responsibility.

As part of this the student has to know how to

- apply various aspects of linguistic theory on the student's own communication
- argue both in oral and written form due to given conditions
- present information both in oral and written form
- analyse and evaluate both oral and written communication
- discuss, on the basis of ethical theory, ethical implications of specific cases in science and technology.

## Course content

The lectures discuss:

- General communication theory and how to act as opponent on other written presentations
- Oral presentation
- Information retrieval
- Rhetoric
- Ethical theories, principles and concepts

## Teaching and working methods

The course consists of lectures and seminars. The course runs over the entire autumn semester.

## Examination

UPG3	Group assignments	2 credits	U, G
UPG2	Individual oral assignments	2 credits	U, G
UPG1	Individual written assignments	2 credits	U, G

For passing grade active presence is required in all examining seminars. Absence is compensated with a written analysis of the texts that have been treated. Grades are given as 'Pass' or 'Fail'.

## Grades

Two grade scale, older version, U, G

## Department

Institutionen för Tema

## Director of Studies or equivalent

Maria Eidenskog

## Examiner

Birgitte Saxtrup Hermansson

## Education components

Preliminary scheduled hours: 42 h

Recommended self-study hours: 118 h

## Course literature

### Books

Språkrådet, (2008) *Svenska skrivregler*

### Compendia

Merkel, Magnus m.fl, Lathund för rapportskrivning. Linköpings universitet.