

Biotechnology - Bachelor Project

Programme course

18 credits

Kandidatprojekt bioteknik

TFBI24

Valid from:

Determined by
Board of Studies for Industrial
Engineering and Logistics

Date determined

Offered for the last time
Spring semester 2025

Replaced by
TFBI26

Main field of study

Biotechnology, Engineering

Course level

First cycle

Advancement level

G2E

Course offered for

- Industrial Engineering and Management - International, M Sc in Engineering
- Industrial Engineering and Management, M Sc in Engineering

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.

Intended learning outcomes

After completing the course the student should be able to

- Systematically integrate and use their knowledge acquired during their studies to solve a problem within the field of biotechnology.
- Learn and benefit from reading relevant professional literature within the field and relate their own work to it.
- Identify important and relevant questions within the field.
- Apply and respect the given time-frames for the project.
- Search, identify and evaluate relevant scientific literature.
- Within a group; plan, execute and report a project within the field of biotechnology-
- Express herself/himself professionally in writing and in oral.
- Critically evaluate and discuss a presented project in writing and in oral.
- Develop, analyse and evaluate technical solutions within the field of biotechnology.
- Perform project evaluations within the field of biotechnology that involves relevant scientific, ethical and societal aspects.

Course content

The course mainly consists of an independent project in biotechnology.. The course will conclude oral and written presentations from the project groups. The specific course content for each project group will be decided in discussions with the supervisor.

Teaching and working methods

The course consists of seminars and a project. The project is done independently in the setting of group. A supervisor and a examiner are assigned to each project group. Each student is expected to take full responsibility for the execution and report of the project. The project will be presented in a written report and also in an oral presentation. Each student will also take part in the opposition on the project presentation of another group.
The course runs during the entire spring semester.

Examination

UPG2	Opposition	1 credits	U, G
UPG5	Oral presentation	1 credits	U, G
PRA3	Project assignment, written report	16 credits	U, G

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

Grades

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Department

Institutionen för fysik, kemi och biologi

Director of Studies or equivalent

Agneta Johansson

Examiner

Johan Edqvist

Education components

Preliminary scheduled hours: 164 h

Recommended self-study hours: 316 h

Course literature

Kurslitteratur presenteras senare på kursens hemsida och kommer delvis bestämmas individuellt för respektive projektgrupp.