



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Fördjupningskurs i ett eller flera ämnen **Advanced course in one or more subjects**

KKK000, 15 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED B/K

Date of Decision: 2023-04-18

General Information

Elective for: B4, K4, MBIO2, MLIV2

Language of instruction: The course will be given in English on demand

Aim

To give in-depth knowledge and skills in the chosen scientific area

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- have in-depth knowledge in the chosen scientific area(s)
- have insight in the working procedure in a research project
- have insight in the work of a research group

Competences and skills

For a passing grade the student must

- be able to independently plan, carry out and report a project
- be able to independently search, retrieve, work on and compile relevant information
- be able to systematically integrate and use knowledge from earlier courses in the study programme

Judgement and approach

For a passing grade the student must

- carry out a research project in a research group

- be able to critically read, evaluate and draw conclusions from scientific literature

Contents

- Supervised independent literature studies through databases and libraries
- Supervised independent work in close connection to an ongoing research project
- Written report in Swedish or English according to standards in international peer reviewed journals. Oral presentation in Swedish or English at a publicly announced seminar.

Examination details

Grading scale: UG - (U,G) - (Fail, Pass)

Assessment: Oral and written report.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Admission

Admission requirements:

- Basic course(es) in relevant topics. At least three years of studies. Students from the five years programmes (Master of Science in Engineering Biotechnology or Master of Science in Engineering Chemical Engineering) shall have passed at least 160 credits. Students from the the international master programmes (Biotechnology or Food Technology and Nutrition) shall have passed 45 credits

The number of participants is limited to: No

Reading list

- Scientific papers or other literature related to the chosen topic.

Contact and other information

Course coordinator: MLIV - Behörig lärare i samråd med berörd programledning, Federico.Gomez@food.lth.se

Course coordinator: MBIO - Behörig lärare i samråd med berörd programledning, Rajni.Hatti-Kaul@biotek.lu.se

Course coordinator: B och K - Behörig lärare i samråd med berörd programledning, Margareta.Sandahl@chem.lu.se

Course homepage: <http://www.student.lth.se>

Further information: A detailed plan shall be written together with the examiner and it shall be approved by the Board of Education. The course registration will be made at the course code tied to the chosen subject, not on KKK000. Only one of the courses KKK000 and IYT000 may be included in a degree.