



LTH

FACULTY OF
ENGINEERING

Course syllabus

Examensarbete för högskoleexamen i livsmedelsteknik Degree Project

YTHL01, 15 credits, G2 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: Faculty Board for Education

Date of Decision: 2020-12-10

General Information

Main field: Food Science. **Depth of study relative to the degree requirements:**
First cycle, contains specially designed degree project for Higher Education Diploma.

Aim

The aim of the degree project is for the student to demonstrate the skills required to identify a problem within food science and apply knowledge acquired during the course to analyse this problem.

Learning outcomes

Knowledge and understanding

For a Pass on the course, the students shall

- demonstrate a knowledge and understanding of food science including the scientific bases of the field and knowledge about some appropriate methodologies within food science.

Competences and skills

For a Pass on the course, the students shall

- demonstrate an ability to search, collect and critically evaluate relevant information to formulate solutions on the issues of the degree project,
- demonstrate an ability to identify issues in an independent manner as well as plan and professionally execute a degree project within given limits using relevant methods, and

- demonstrate an ability to provide an oral and written account and discussion of their information, problems and solutions in relation to the issues explored in the degree project.

Judgement and approach

For a Pass on the course, the students shall

- demonstrate knowledge of and have the prerequisites to handle ethical issues in the field of food science.

Contents

The degree project is to include the following assessed components:

- a document describing the goals of the degree project
- a written report in Swedish or English with a summary in Swedish and English
- an oral presentation of the degree project at a public seminar at the Faculty of Engineering
- an oral and written critical review of another student's degree project at the public seminar where it is presented.

The document describing the goals of the degree project is to be written at an early stage and must be approved by all supervisors and the examiner. It is to include a description of the problem to solve. The document is also to include a general description of the approach, choice of method, resource requirements and time needed.

The degree project is an independent project. It is to be executed in groups of two or in exceptional cases individually. If the degree project is carried out as a group, the contribution of each student must be clearly discernible.

The written report is to be made available in a form suitable for review at least one week before the seminar, which is to be timetabled at some point between 15 August and the Monday of Midsummer week, with the exception of the period 22 December-6 January. It is desirable but not a requirement that the report is reviewed by another student working on a degree project.

The oral critical review is to be based on a fellow student's written report when it is presented at a public seminar. The review is to be documented in writing before the seminar. One degree project can be reviewed by more than one student.

Examination details

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

Assessment: Written and oral examination. For a pass on the degree project, the student must have passed all assessed components within 5 months, unless there are valid reasons. The report is a public document and the assessment may not be based on confidential information.

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:

Students may commence work on the degree project when they have passed at least 80 credits which can count towards their degree.

In order to commence work on the degree project, the student must demonstrate appropriate knowledge in the field of study covered by the project. It is the responsibility of the examiner to ensure that this requirement is satisfied before work can begin.

Reading list

- The course literature and other teaching material that is to be used is to be approved by the supervisor with due consideration taken of the nature of the degree project assignment.

Contact and other information

Examiner: The examiner must be a member of the academic staff at Lund University who holds at least a degree of MSc in Engineering / master degree and be appointed by the head of department.

Course homepage: <http://www.lth.se/utbildning/kandidatutbildning-livsmedelsteknik/>

Further information: One or several supervisors shall be appointed for each degree project. At least one of the supervisors (the principal supervisor) must be an employee of Lund University and hold at least a degree of MSc in Engineering or the equivalent. In addition to the principal supervisor, assistant supervisors may be appointed. The supervisors will provide continuous supervision throughout the work on the project and are to ensure that, among other things, it is possible for the student to complete the project within a period of 10 weeks of full-time study. The student can only request supervision for a period of no more than 5 months.

The student is responsible for registering his or her passed degree project in LUP Student Papers. The degree project is then approved in LUP by the department. The department is responsible for filing the report.

More information is available at <https://www.student.lth.se/english/masters-students/degree-project/>.