



Course syllabus

Metodik Methods

YTHA60, 7,5 credits, G1 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED LIV

Date of Decision: 2023-04-17

General Information

Compulsory for: KLMT1

Language of instruction: The course will be given in Swedish

Aim

The aim of the course is to practise different techniques of collecting information. The techniques are experimental study and questionnaire study.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

Ability to identify important aspects concerning experimental studies.

Ability to accomplish a questionnaire study including discussion and validation of aim, selection methods, design of questions, processing of answers and discussion of results.

Competences and skills

For a passing grade the student must

be able to accomplish an experimental study

be able to accomplish a questionnaire study

be able to present the result of the studies both verbally and in writing, results of statistical data processing.

Judgement and approach

For a passing grade the student must

be able to critically examine the framing of a study

Contents

The course have two parts. The first part is about planing, accomplish and validate a questionnaire study and the second part is about planing, accomplish, validate and presenting an experimental study. The course will discuss different concepts regarding experimental and questionnaire studies.

Examination details

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

Assessment: Approved project work in the form of experimental study and questionnaire study.

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.

Parts

Code: 0118. **Name:** Experimental Study.

Credits: 4. **Grading scale:** UG. **Assessment:** Active participation in the groups study, approved written and oral report from experimental study.

Code: 0218. **Name:** Questionnaire Study.

Credits: 3,5. **Grading scale:** UG. **Assessment:** Active participation in the group project, approved assignments and oral report from questionnaire study.

Admission

The number of participants is limited to: No

Reading list

- Trost, J; Hultåker, O: Enkätboken. Studentlitteratur, 2016, ISBN: 978-91-44-11545-0.
- Alvehus, Johan: Skriva uppsats med kvalitativ metod. En handbok. Liber förlag, 2019, ISBN: 978-91-47-12939-3.

Contact and other information

Course coordinator: Ia Rosenlind, ia.rosenlind@food.lth.se

Course homepage: <https://www.ple.lth.se/en/>

Further information: Study visits and guest lectures are compulsory. In case of legal impediment the student has to accomplish an individual assignment with an equivalent content.