DM2802 Program Integrating Course in Sustainable Digitalisation 5.0 credits

Programintegrerande kurs i hållbar digitalisering

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

The official course syllabus is valid from the autumn semester 2024 in accordance with decision by Head of School : J-2023-2254.Date of decision: 2023-10-17

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

Completed Bachelor's thesis, equivalent to DA150X/EF112X/IA150X/DM128X.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After passing the course, the student should be able to

- plan and carry out co-creative activities

- reflect on their own learning

- identify their need for additional knowledge and continuously develop their competence

- critically review, reflect on, and document both the set-up and implementation of the education as well as their own study efforts

- create a common thread through the education programme and relate to their progression in their own subject knowledge and generic skills

- critically analyse ethical perspectives in technical and scientific environments

- prepare for the future professional role

in order to

- take responsibility for their own learning process and get the most possible out of the education from a long-term perspective

- influence the development of the programme

- create routines for lifelong learning.

Course contents

The course runs along the whole program, gives a structure, keeps the program together, and facilitates the exchange of experience between students from different years. The course is based on learning activities (seminars, co-creative exercises) that in various ways and from different perspectives concern the conditions of learning, both in general terms and more specifically related to the studies on the Master's program in Sustainable Digitisation. The activities are connected with different themes are connected related to the intended learning outcomes.

Before each occasion, students should write a reflection document, that is read and discussed by teachers and other group members. The students also participate in planning and carrying-out co-creative learning activities to deepen their knowledge about how to manage change processes.

Examination

- ÖVN1 - Exercises, 2.5 credits, grading scale: P, F
- ÖVN2 - Exercises, 2.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

Compulsory attendance is required on all central learning activities. In addition optional activities can occur in the course.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.