



DM2563 Managing Digital Transformation - project module 7.5 credits

Leda och hantera digital förändring - projektmodul

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

Course syllabus for DM2563 valid from Autumn 2022

Decision to discontinue this course

The course will be discontinued at the end of Spring 2024, according to head of school's decision: J-2022-1597. Decision date: 2022-10-25 The course was given for the last time in Spring 2022. The last opportunity for examination in the course is given in Spring 2024. Students who intend to complete the course shall contact the examiner.

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

DM2562, Managing Digital Transformation

Language of instruction

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

Intended learning outcomes

After completion of the course, students should be able to:

1. Apply concepts and theories efficiently to solve composite current and future challenges in digital transformation context.
2. Apply the theoretical perspectives to analyse digital change issues in real cases, in order to facilitate decision-making in management issues, including choice of perspective and argumentation for why a perspective is appropriate in a certain analytical and management task.
3. Analyse an organisation and its current situation and create a synthesis of available external and internal information to develop feasible recommendations.

Course contents

The aim for the course is that the student should apply theories and knowledge from the course DM2562 Managing digital transformation in a real business project. By working in direct contact with relevant actors in the business world, the project module will give the students possibility to retrieve useful and efficient solutions for client companies that face complex strategic challenges in connection with some form of digital process of transformation.

The course focuses on two teaching and learning forms:

1. A business project where students in groups of 4-5 individuals are assigned a task to solve an important strategic question/problem, presented by a company and in close cooperation with the company. The aim of the business project is to create a strategic business plan with relevant recommendations for the client company. Companies will be assigned to each group, and group supervision will be provided throughout the whole module.
2. A series of guest lectures with leading individuals from different parts of the industry, from Tech start-ups to large companies, as well as media companies and entrepreneurs. These lectures intend to give the students knowledge of digital transformation in a number of different industries, and give them the possibility to discuss ongoing changes with experienced and inspired individuals

Examination

- PRO1 - Project, 7.5 credits, grading scale: A, B, C, D, E, FX, 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.

The course grade consists of three parts:

1. Business project, report and presentation (50%)
2. Self-reflecting essay (30%)
3. Participation in teaching (20%)

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.