



# DM2572 Theory and Method for Media Technology 7.5 credits

Teori och metod för Medieteknik

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 DM2572 valid from Autumn 2022

## Decision to discontinue this course

The course will be discontinued at the end of Autumn 2024 according to head of school's decision: J-2022-1598. Decision date: 2022-11-01. The course was given for the last time in Autumn 2021. The last opportunity for examination in the course is given in Autumn 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, Information Technology, Information and Communication Technology

## Specific prerequisites

## Language of instruction

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

## Intended learning outcomes

On completion of the course, the student should be able to:

- account for and analyse scientific theories relevant to research in media technology
- account for and analyse scientific methods relevant to research in media technology
- review research in media technology critically
- identify methodological issues in a study
- analyse the relation between the results achieved in a study and the conclusions motivated by the results
- discuss ethical aspects within research in media technology

## Course contents

Scientific theory and method

Qualitative method

Quantitative method

Research in design

Scientific writing

Scientific publication

Research ethics

Sustainability, particularly social sustainability

## Examination

- INL1 - Assignments, 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.

## Other requirements for final grade

Compulsory attendance. The student is allowed to miss at most three course meetings unless special circumstances apply.

## 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.