CM2031 Introduction to Health Data 3.5 credits

Introduktion till hälsodata

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

Establishment

The course plan with diary no. C-2024-1631 applies from HT 2026 according to faculty board decision: C-2024-0635. Decision date: 2024-10-02

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Technology and Health

Specific prerequisites

Language of instruction

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

Intended learning outcomes

To pass the course, the student should be able to

- Describe what health data is, based on different definitions

- Describe wich organisational and institutional structures handle and influence health data

- Discuss different kinds of health data (EHRs, imaging, public health, PREMs/PROMs, registry data, devices, self-reported etc.), and their uses

- Discuss basic informatics standards, standards for data models, and how they connect to the different konds of health data

Course contents

The course introduces the concept of health data and describes current issues regarding the concept. Which stakeholders are important? What is the balance between health data created by health care versus the data created in everyday life? How is data used currently, and what are the links between the different kinds of data and intended use?

Examination

 • INL1 - Essay, 3.5 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.

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

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.