



CH2015 Digital Health from an Entrepreneurship Perspective 7.5 credits

Digital hälsa ur ett entreprenörskapsperspektiv

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 CH2015 valid from Autumn 2022

Grading scale

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

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

1. Design a needs-based innovation process for digital health product development.
2. Analyse the digital health ecosystem in general, and the role and relationship between public sector stakeholders specifically.
3. Integrate compliance with regulatory and legal frameworks into a digital health business model.
4. Evaluate how digital health can change healthcare globally and reflect on issues related to ethics and personal integrity.

Course contents

This course provides students with in-depth knowledge in the field of digital health from an entrepreneurship perspective. Domains of digital health, needsbased innovation including prototyping, usability and testing as well as data management, intellectual property, reimbursement, business models, ethics and future trends will be discussed and analysed.

The course uses a student-centered educational model. Factual knowledge is obtained through literature studies and lectures and is applied through practical work. The practical work consists of workshops, case studies and project work in groups. The pedagogy is based on entrepreneurial learning to create the conditions for creativity, reflection, and initiative.

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.

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.