

School of Health Sciences

WRITTEN EXAMINATION

Course **Health and digitalisation**

Examination: **Written re-examination**

Course code: **SD305G**

Credits for written examination: **4.5 hp**

Date: **2025-02-07**

Examination time: **08:15 - 12:30**

Examination responsible: **Lika Rodin**

Teachers concerned: **Daniel Masterson**

Aid at the exam/appendices

*Students are permitted to take into the examination **ONE** double-sided A4 paper with
HAND-WRITTEN notes.*

Instructions

- ☐ Take a new sheet of paper for each teacher.
- ☐ Take a new sheet of paper when starting a new question.
- ☒ Write only on one side of the paper.
- ☒ Write your name and personal ID No. on all pages you hand in.
- ☒ Use page numbering.
- ☒ Don't use a red pen.
- ☒ Mark answered questions with a cross on the cover sheet.

Grade points:

The exam can give a maximum of **32 points**.

To pass, **16** points are required. For pass with distinction **24** points are required

Examination results should be made public within 18 working days

Good luck!

Total number of pages: 4

SD305G: Health and Digitalisation

WRITTEN EXAM (4,5 CREDITS)

Instructions:

The exam consists of **4** questions that you should answer in relation to the course materials.

During the exam, you can use your HAND-WRITTEN notes (one, double-sided A4 page).

Some questions are structured, others are open-ended. Some questions are more theory-oriented, while others require you to explain your knowledge or provide your own examples.

- Read the instructions and all questions before answering.
- You may only contact the examiner once and only during the first hour of the exam. Read all the questions and prepare your queries beforehand.
- Plan your answers on a separate sheet of paper.
- Think about how many points each question is worth. Plan your time accordingly.
- Write all your answers on a separate sheet of paper (not on this page).
- Write as clearly as you can so that the examiner can read your handwriting and understand what you have written.
- Write concisely and do not exceed the specified length. This is approximate and the examiner considers use of double spacing, size of hand-writing and allows for a margin of error. Excessive text will not be graded.

The exam will not be graded if the instructions are not followed.

The exam can give a maximum of **32** points. To pass, **16** points are required, and for pass with distinction (VG), **24** points are required. Remember to clearly relate to theories and concepts, and to analyze and/or provide examples where the question requires it.

Good luck!

Question 1 (6 points):

Based on the course literature, list and briefly explain three health effects of E-health on human living conditions (write no more than half a page).

- 1)
- 2)
- 3)

Question 2 (10 points):

Read through the description below. Analyze and explain, using theories and concepts introduced during the course (at least three), the societal and individual aspects of the presented case (write no more than a full page).

CASE¹

Childhood obesity is nowadays considered a societal issue and a risk factor for children's health. Media and governments address the perceived problem by promoting physical activity in daily life, including in schools. Many schools have increased the time allocated for physical activity during the school day and are seeking creative solutions to engage children during these hours. One such solution is a physical activity program called "Move It." The activity program is commercial; it is marketed to schools by a private company and is presented as an effective tool in health promotion efforts. The program package includes a video demonstrating various body movements for children and a choreography manual for teachers. Participants are encouraged to follow the instructions carefully.

Linda is one of the students who participated in the program. In an interview, Linda explained that, according to her understanding, people's health is largely influenced by their body weight and shape. For example, overweight individuals are at risk of developing diabetes, heart attacks, or other serious illnesses. Linda enjoys exercising but sometimes feels tired when trying to follow the program. The teacher often encourages Linda to keep going even when she feels tired and asks why physical activity is necessary. Linda responds that without physical activity, one becomes overweight. Nobody wants to be overweight; on the contrary, it is good to be slim. All celebrities are slim. She also believes that the main causes of being overweight are people's own ignorance, laziness, and lack of responsibility. Everyone should take responsibility for their own weight and health. Linda is able to practice the body movements even at home in her free time, and the teacher fully supports this.

¹ based on the course literature

Question 3 (6 points):

Based on the course material, propose a search strategy to locate articles for health and digitalisation. Please consider:

- Search terms
- Use of Boolean Operators and truncation wildcards
- Inclusion/exclusion criterion

(Write not more than half a page)

Question 4 (10 points):

4.1 (6 points):

Summarise **TWO** of the scientific articles identified in seminar two. Your answer should include the study objectives, method, results and conclusion (write approximately half a page).

4.2 (4 points):

Reflect on the socio-ethical aspects discussed in your summarised articles with consideration of the Lived Experience of Digital Health **OR** Health Data (write no more than half a page).