Design Thinking in Healthcare Innovation - Online Course (2 ECTS)

OUTLINE OF THE COURSE

Week 1: Design thinking overview
Topic: DT approach and process
Seminar: 12th May at 11 am to 3 pm (CEST)
Guest lecturer: Thomas Lemström, Business Design Advisor, SPARK Finland
Week 2: Opportunity space
Topic: Empathize + Define
Seminar: 19th May at 11 am to 3 pm (CEST)
Guest lecturer: Sini Koivisto, Architect & interior designer / art & architecture educator – Entrepreneur, Teho-Opisto Ltd, Finland
Week 3: Solution space
Topic: Ideate + Prototype
Seminar: 26th May at 11 am to 3 pm (CEST)
Guest lecturer: Sebastian Soidinsalo, Business Development Manager, Uni Helsinki, Finland
Week 4: Presentations and learning outcomes
Topic: Presenting your project (testing)
Seminar: 2nd June at 11 am to 3 pm (CEST)
Task: All groups are presenting their work and the outcome of the course is discussed
Changes in the programme are possible.

Objectives
The objective for this course is to get a basic understanding in Design Thinking (DT) in healthcare innovation process. During the course:

- Student will learn the basics of DT process and understands how to apply it in health technology and health care.
- Student will learn how to use collective thinking and DT approach in solving real-life clinical problems.
- Student will develop discussion and presentation skills and understand the principles and importance of group dynamics.
- Student will adopt a new mindset and a way of thinking.
- Student increases the ability to apply the DT approach in innovation process.

Contents
The course concentrates on Design Thinking process and its application in health care innovation process. Students solve real-life clinical problems during the course using the six-phased DT process, from Empathizing to testing, in multidisciplinary groups. The course includes online material, written and group assignments, and seminars with lectures and workshops.
The course is suitable for master and doctoral level students from health and life sciences interested in learning about the possibilities in solving clinical problems in Health care within a group using Design Thinking approach.

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Study methods
Weekly online material (articles and video lectures)
Written assignments
Weekly seminars and group working

Implementation methods:
Lectures 4 h
Seminars 12 h
Independent work 38 h

Evaluation and criteria
Approved / Rejected
- Attendance in the seminars
- Successful completion of group working and assignments