



**Karolinska
Institutet**

Course syllabus for

Digital Health From an Entrepreneurship Perspective, 7.5 credits

Digital hälsa ur ett entreprenörskapsperspektiv, 7.5 hp

This course syllabus is valid from autumn 2021.

Course code	2QA326
Course name	Digital Health From an Entrepreneurship Perspective
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Bioentrepreneurship
Level	Second cycle, has only first-cycle course/s as entry requirements
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Utbildningsnämnden LIME
Decision date	2020-11-10
Revised by	Education committee LIME
Last revision	2021-02-03
Course syllabus valid from	Autumn 2021

Specific entry requirements

A minimum of 120 credits. And proficiency in English equivalent to English B/English 6.

Objectives

The course aims to enable students to lead entrepreneurial projects in digital health by navigating context specific challenges and opportunities.

Upon completing the course, student should be able to:

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

Content

This course provides students with in-depth knowledge in the field of digital health from an entrepreneurship perspective. Domains of digital health, needs-based 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.

Teaching methods

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

The examination consists of:

- An individual written assignment (60%)
- A written group assignment (30%)
- Presentation of the group assignment (10%)

After completion of the course, the final grade will be a combination of the result for all weighted examinations.

If there are special reasons, or need for adaptation for a student with a disability, the examiner may decide to depart from the syllabus's regulations on form of examination, number of examination opportunities, possibility of supplementing or exemptions from compulsory educational elements, etc. Content and learning objectives as well as the level of expected skills, knowledge and abilities must not be altered, removed or lowered.

Compulsory participation

Participation in seminars, workshops and presentations are mandatory. The examiner assesses if, and how, absence from compulsory educational elements can be compensated for. Before the student has participated in the compulsory educational elements or compensated the absence in accordance with the examiner's instructions, the final course results will not be reported.

Absence from a compulsory educational component may mean that the student cannot compensate for the missed compulsory educational element until the next time the course is given.

Limited number of examinations

Students who have not passed the regular examination are entitled to participate in five more examinations. If the student has not passed the exam after four participations he/she is encouraged to visit the study advisor. If the student has failed six examinations/tests, no additional examination or new admission is provided.

Participation in an examination is defined as an occasion on which a student attends an examination, even if the student submits a blank examination paper. If a student has registered to sit an examination, but does not attend the examination, this is not defined as participation in the examination.

Transitional provisions

Examination will be provided during a time of two years after a possible cancellation of the course. Examination can take place according to an earlier literature list during a time of one year after the date when a major renewal of the literature list has been made

Other directives

The course language is English.

The course is offered within the framework of the Stockholm School of Entrepreneurship and given at Karolinska Institutet.

A course evaluation will be conducted according to guidelines decided by the The Committee for Higher Education.

Oral evaluation in the form of a course council meeting will be carried out during the course.

Literature and other teaching aids

Mandatory literature

The course leader will provide mandatory literature in the form of scientific articles, industry reports and case studies.

Wulfovich, Sharon

Digital Health Entrepreneurship

Meyers, Arlen

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