

Syllabus

for course at advanced level

Digital Health from an Entrepreneurship Perspective
Digital hälsa ur ett entreprenörskapsperspektiv

7.5 Higher Education
Credits
7.5 ECTS credits

Course code:	FE6619
Valid from:	Spring 2022
Date of approval:	2022-02-10
Department	Stockholm Business School
Main field:	Management
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

This syllabus was approved by the head of department at Stockholm Business School, Stockholm University 2022-02-10.

Prerequisites and special admittance requirements

Bachelor's degree 180 HE credits; or equivalent. Language skills corresponding to English 6.

Course structure

Examination code	Name	Higher Education Credits
6619	Digital Health	7.5

Course 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.

Learning outcomes

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

Upon successful completion of this course, the student shall be able to:

Knowledge and understanding

1. Show knowledge of needs-based innovation process, health ecosystem and regulatory and legal frameworks related to digital health.

Skills and abilities

2. Show ability to design a needs-based innovation process for digital health product development.

3. Show ability to analyse the digital health ecosystem in general, and the role and relationship between public sector stakeholders specifically.

4. Show ability to integrate compliance with regulatory and legal frameworks into a digital health business model.

Judgement and approach

5. Show ability to evaluate how digital health can change healthcare globally and reflect on issues related to ethics and personal integrity.

Education

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.

The course workload is 200 hours, equivalent to 7,5 credits.

Participation in interactive course activities such as seminars and workshops, is mandatory. Absence from a compulsory course activity may imply that the student cannot complete the course until the next time it is offered.

The language of instruction is English.

For more detailed information, see the study guide, published on the learning platform when the course commences.

Forms of examination

a) Forms of examination

Assessment for the course will be continuous and is carried throughout the different course activities. Each assessment task is weighted in relation to its importance in the overall assessment of the course. The student's results from the different assessment tasks are added up to a total course score that will then translate into the final grade for the course.

Assessment tasks

The course contains the following weighted assessment tasks:

1. Individual written assignment: assesses intended learning outcomes 1,3 & 5; constitutes 60% of total course points.
2. Written group assignment: assesses intended learning outcomes 1,2 & 4; constitutes 30% of total course points.
3. Presentation of the group assignment: assesses intended learning outcomes 1,2 & 4; constitutes 10% of total course points.

The examination takes place in English.

If the student has a certificate from Stockholm University with a recommendation for special support, the examiner has the opportunity to give an adapted test or let the student complete the test in an alternative way.

b) Grading scale

Grading takes place according to a criterion-referenced seven-point grading scale:

A = Excellent
B = Very good
C = Good
D = Satisfactory
E = Sufficient
Fx = Failed, some more work required

F = Failed, much more work required

c) Grading and assessment criteria

Grading criteria

The course's grading criteria are designed as overall assessments, combined qualitative descriptions of what the student is expected to do in order to demonstrate how well the course's learning outcomes are achieved. A higher grade-level presupposes the abilities at lower levels.

A (Excellent) ☐

The student demonstrates ability to evaluate and relate to the content of the course from a comprehensive, critically reflective perspective, as well as to transfer and apply insights in new, meaningful contexts.

B (Very Good) ☐

The student demonstrates ability to, from an overarching and coherent perspective of the field, understand and use concepts to explain how different aspects of the course relate to each other, interconnect and become meaningful.

C (Good) ☐

The student demonstrates ability to discuss the content, tasks and complex issues dealt with in the course from several well-developed but mainly independent perspectives.

D (Satisfactory) ☐

The student demonstrates satisfactory ability to discuss the content, tasks and complex issues dealt with in the course in a way that, albeit in-depth and elaborate, is decidedly one-dimensional.

E (Sufficient) ☐

The student demonstrates sufficient ability to discuss the content, tasks and complex issues dealt with in the course in a way that is decidedly one-dimensional.

Fx (Fail) ☐

The student's knowledge, skills and abilities display minor flaws, overall or in significant parts.

F (Fail) ☐

The student's knowledge, skills and abilities display major flaws, overall or in significant parts.

Assessment criteria

The course's assessment criteria, which serve as support for the assessment of the course's assessment tasks, are announced at the start of the course.

d) Final grade

The course comprises 100 course points. The scale for the final grade is tied to fixed score intervals: A: 90–100; B: 80–89; C: 70–79; D: 60–69; E: 50–59; Fx: 45–49; F: 0–44. The grades correspond to the total course points a student obtains (over a total of 100) for all the weighted assessment tasks combined as part of the continuous assessment for the course. Current rounding rules are applied (0,5–0,9 course points are rounded up to the nearest higher, full course point).

Each assessment task is awarded 0–100 points. The points from an individual assessment task are multiplied by its percentage weight, constituting its course points. The course points for all assessment tasks are summed up to a total score between 0 and 100 course points. The total score is translated into a corresponding course grade A–F.

All assessment tasks are assessed on a 100-point scale.

The student is responsible for completing the course's assessment tasks, that a sufficient amount of course points is earned and a passing course grade is obtained. If a passing course grade is not obtained during the course's first scheduled occasion the course's assessment tasks may be completed at five further exams.

If there are special reasons, the examiner may grant the student exemption from the obligation to participate

in certain compulsory teaching or completion of compulsory parts. The finals grades cannot be reported until the student have participated in mandatory activities or have compensated for the absence according to examiner's instructions.

Exemption from an assessment task is granted if the student presents a written certificate (e.g. a medical certificate), whereupon the student may re-sit the assessment task at a later date decided by the head of course, and while maintaining previously acquired course points.

The application for exemption should be submitted to the director of studies immediately after, or during planned absences well before the date when the assessment task is carried out. A granted exemption expires at the end of the immediately following semester.

Re-registration implies that first-time registered students have priority access to the course's group registration.

e) Failed grades

A student who after the course's two regular exams does not obtain a passing grade has the right to participate in 5 additional exams. If the student has failed to pass 6 exams, no additional exam opportunity is provided. One exam opportunity corresponds to the number of times a student has participated in one and the same assessment task.

Submitting a blank exam corresponds to one exam opportunity.

Registering for an exam opportunity but not participating is not considered as an exam opportunity.

Interim

If the course is discontinued, or its contents are substantially altered, students have the right to be examined according to this syllabus once per semester for three further semesters.

Limitations

This course may not be included in a degree together with a course, taken in Sweden or elsewhere, of identical or partially similar content.

Required reading

Course literature and other teaching materials are specified on the course's webpage no later than two months prior to the course commences.