

# Syllabus

for course at advanced level

**From Science to Service - Transforming Health Care**

**Från idé till tjänsteföretagande - hälso- och sjukvård i förvandling**

**7.5 Higher Education**

**Credits**

**7.5 ECTS credits**

<b>Course code:</b>	FE6614
<b>Valid from:</b>	Autumn 2016
<b>Date of approval:</b>	2012-03-23
<b>Changed:</b>	2016-03-07
<b>Department</b>	Stockholm Business School
<b>Main field:</b>	Företagsekonomi
<b>Specialisation:</b>	AXX - Second cycle, in-depth level of the course cannot be classified

## Decision

This syllabus was approved by the Academic Dean at Stockholm University School of Business 2012-03-23, revised 2016-03-07.

## Prerequisites and special admittance requirements

120 HE credits. Swedish upper secondary school course English B, or the equivalent, or one of the following tests. Cambridge CPE och CAE: Pass. IELTS : 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

## Course structure

Examination code	Name	Higher Education Credits
6614	From Science to Service - Transforming Health Care	7.5

## Course content

Course content

The focus in the Swedish innovation development has in recent years shifted from products and companies in technology/industry to a growing service-based sector. One problem within the life sciences is the lack of individuals with the ability to combine knowledge from health care sector with business and entrepreneurship. By increased awareness of service development in this sector, and knowledge regarding the process of innovation and entrepreneurship, a solid foundation can be built that enables commercialization of ideas. With insights, skills and the right tools, ideas are protected, which can lead to valuable changes in the life sciences and ultimately improve human health.

During the course, students meet experts with different backgrounds. Various entrepreneurs will present their specific experiences of starting and managing service companies in the life sciences and guest speakers provide a broad overview of academic discoveries, start-ups, venture capital and business development in health care sector.

## Learning outcomes

The aim of this course is for the students to develop an understanding of and receive theoretical and practical knowledge of development and commercialization of services in the life sciences. On successful completion of the course, students should be able to:

- Analyze, clearly communicate and discuss entrepreneurship in the life sciences.
- Understand and demonstrate knowledge of the service business and its unique characteristics.
- Communicate an understanding of the development and management of service businesses.
- Argue the pros and cons of public and private funding for start-ups.
- Providing knowledge within strategy for service based companies.
- Applying knowledge and key tools for entrepreneurship in the early phase, such as market analysis and analysis of intellectual property rights (eg patents).
- Use their new knowledge to individually get a deeper understanding in the field of innovation and entrepreneurship.

### **Education**

The course uses a student-centered educational model, in which literature studies, case studies and practical work are associated with each learning outcome. Factual knowledge is obtained through literature studies and applied through practical work. The practical work consists of workshops, case exercises (cases) and project work in groups. External experts are used for inspiration and as a source of discussion. The pedagogy is based on so-called "Entrepreneurial learning" to create the conditions for creativity, reflection and initiative. Projects including a written report, oral presentation and individual reflection as well as an individual case report and seminar will be completed during the course.

The language of instruction for this course is English.

### **Forms of examination**

Projects including a written report, oral presentation and individual reflection as well as an individual case report and seminar. Active participation in the mandatory parts.

Students will be assessed based on the following scales:

- Lecture attendance, active participation and presentations.
- Completion of a group-wise case study and assignments
- Short exam
- Oral presentation

Attendance is compulsory; attendance at seminars, workshops and presentations is mandatory.

Grades are given in accordance with a criterion-based scale where A,B,C,D and E are passing grades and Fx and F are failing grades.

### **Interim**

In the event of major changes to the content or the required readings of the course, or suspension of the course altogether, students are entitled to an opportunity to retake the examination according to the present syllabus once each semester during the subsequent three semesters after the change has been effected.

### **Limitations**

The course cannot be included as part of a degree in conjunction with other similar courses accomplished at other universities in Sweden or abroad.

### **Misc**

The course is given within the framework of the Stockholm School of Entrepreneurship (SSES).

### **Required reading**

Literature will be announced in connection to the start of the course.