



**Karolinska
Institutet**

Course syllabus for

From Idea to Service Business - Transforming Health Care, 7.5 credits

Från idé till tjänsteföretagande - hälso- och sjukvård i förvandling, 7.5 hp

This course syllabus is valid from autumn 2012.

Please note that the course syllabus is available in the following versions:

Autumn2012 , Autumn2014

Course code	2QA213
Course name	From Idea to Service Business - Transforming Health Care
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	Fail (U), pass (G) or pass with distinction (VG)
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Styrelsen för utbildning
Decision date	2011-12-19
Course syllabus valid from	Autumn 2012

Specific entry requirements

A minimum of 120 credits. Proficiency in the English language should be documented by an internationally recognized test such as TOEFL: internet based (iBT) with a total score of at least 90 and minimum score of 20 on written test; paper based (PBT) with a total score of at least 575, and minimum score 4.5 on written test; or IELTS (academic) with an overall mark of at least 6.5 and no band less than 6.0; or other documentation that according to regulations certifies the equivalence of English B/English 6 at Swedish upper secondary school.

Objectives

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. After the course the student 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.

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.

Teaching methods

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.

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. Compulsory attendance Attendance at seminars, workshops and presentations is mandatory. Contact the teachers to make up for missed mandatory sessions. Limitation of the number of examinations Those students who have not passed the examination is entitled to participate in a further five occasions. If the student is not approved after four occasions recommended this to go on the course at the next regular course, and will then participate in two more examinations. If the student has completed six failed exams / tests he or she will not given any additional examination or a new place at the course. As examination is counted the occasions when the student has participated in the test. An examination opportunity for which the student signed up but not participated in does not count as a test session.

Transitional provisions

Examination will be provided for a period of two years following the possible closure of the course. Examination may be done according to the previous literature list for a period of one year from the date of the renewal of the reading list has been made.

Other directives

The course language is English. The course will be evaluated with a web survey. The course is offered to undergraduate and graduate students at the Stockholm School of Entrepreneurship (SSES) five member schools - Karolinska Institutet, KTH, Stockholm School of Economics, Stockholm University and Konstfack.

Literature and other teaching aids