



**Karolinska  
Institutet**

Course syllabus for

## **Bioentrepreneurship, 6 credits**

Bioentreprenörskap, 6 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

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

Spring2012 , Spring2013

Course code	1QA105
Course name	Bioentrepreneurship
Credits	6 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Bioentrepreneurship
Level	First cycle, has less than 60 credits in first-cycle course/s as entry requirements
Grading scale	Pass, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Styrelsen för utbildning
Decision date	2012-01-17
Course syllabus valid from	Spring 2012

### **Specific entry requirements**

90 credits, mainly within health care, biomedicine, biology, cellular and molecular biology, pharmaceuticals, chemistry, medicine or biotechnology. English language skills equivalent to English B at Swedish upper secondary school are also required. 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 5.5; or other documentation that according to regulations certifies the equivalence of English B at Swedish upper secondary school.

### **Objectives**

The overall aim of the course is to give the participants an insight into field of bioentrepreneurship, i.e. business within the life sciences. After finalizing the course, the student will be able to: Regarding knowledge and understanding Describe the processes of product and service development in the life science sector as well as their similarities and differences Demonstrate a general understanding of the central role that business development plays for the biomedical industry Regarding skills and ability Assess and compare different forms of IP and perform basic IP analysis Apply idea creation tools

Write, and critically review a business plan Perform a basic market analysis in the life science sector  
Regarding judgment and approach Analyse and critically assess a case study

## Content

This course provides an introduction to the basics of product and service innovation in life science. The course will also provide an overview of the life science market and business development opportunities in the life science industry. After the course the student will have obtained skills in project management, communication and networking. The format is based on real life case studies and students will work on concrete projects and cases, meet with contractors and participate in interactive seminars where they will learn from and with each other.

## Teaching methods

Lectures, seminars and workshops as well as assignments at both group and individual level.

## Examination

The examination is based on two written reports and oral presentations. Attendance at seminars, workshops and presentations is mandatory.

## Other directives

The language of instruction is English. The course will be evaluated via a web based survey.

## Literature and other teaching aids

*Løwe Nielsen, Suna*

**Entrepreneurship in theory and practice : paradoxes in play**

Odense : Syddansk Universitetsforlag, 2009 - 260 s.

ISBN:978-87-7674-380-2 LIBRIS-ID:11715377

[Library search](#)