Course syllabus for

Life Science Industry, 4 credits

Life science industrin, 4 hp
This course syllabus is valid from spring 2019.
Please note that the course syllabus is available in the following versions:
Spring2019 , Spring2020 , Spring2025

Course code	1BI044
Course name	Life Science Industry
Credits	4 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Biomedicine
Level	G2 - First cycle 2
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Programme committee for study programmes in biomedicine
Decision date	2018-10-30
Course syllabus valid from	Spring 2019

Specific entry requirements

At least grade pass (G) at the courses Introduction to biomedical science; General and organic chemistry; Cell-, stem cell and developmental biology; Genetics, genomics and functional genomics; Chemical biology; and Tissue biology, and at least grade pass (G) at the parts Laboratory work and seminars (4 credits) and Project work (2 credits) of the course in Immunology and microbiology, and the part Practical features (4 credits) of the course Neuroscience, at the Bachelor's programme in Biomedicine.

Objectives

This course introduces students to the life science industry.
Upon completion of the course, the student should be able to:

Regarding knowledge and understanding

- Describe the life science industry and explain the interrelationships between the major stakeholders in this industry,
- Discuss the specific conditions that apply to companies in the life science industry when it comes to e.g regulations and intellectual property rights

Regarding skills and ability

- Apply tools for creativity and entrepreneurship.

Content

The course will give an introduction to the life science industry with a focus on pharmaceutical industry. The course will also introduce medical devices and biotechnology focused on patient benefit.

Teaching methods

The students are assumed to be familiar with the most common study methods in higher education. The fundamental pedagogical view is based on entrepreneurial learning and requires active learning and student participation. Teaching will be in the form of lectures, seminars and workshops.

Examination

The examination consists of:

- An individual assignment (Fail/Pass/Pass with distinction),
- A group assignment (Fail/Pass).

In order to pass the course as a whole, the students must obtain at least the grade pass on all examinations. To obtain the grade "Pass with distinction" for the entire course, the student must obtain "Pass with distinction" for the individual assignment and the grade "Pass" for the group assignment.

Compulsory participation
Participation at seminars, workshops and presentations is compulsory. The course director decides if and in that case how absence may be compensated. Before the student has participated in compulsory parts, or compensated absence in accordance with the course director 's instructions the student's results on respective part will not be registered in LADOK.

Limited number of examinations
Students who have not passed the regular examination are entitled to participate in five more examinations. 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

After each course occasion there will be at least six occasions for the examination within a two-year period from the end of the course.

Other directives

The course language is English.

Course evaluation will be carried out in accordance with the guidelines established by the Board of Higher Education.

Literature and other teaching aids

Mandatory Course material

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