



**Karolinska  
Institutet**

Course syllabus for

## **Industrial Management, 6 credits**

Industriell ekonomi, 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:

[Autumn2016](#) , [Autumn2017](#) , [Autumn2018](#) , [Autumn2019](#)

Course code	4BP036
Course name	Industrial Management
Credits	6 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Bioentrepreneurship
Level	G2 - First cycle 2
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Programnämnd 7
Decision date	2016-03-23
Revised by	Education committee LIME
Last revision	2019-02-19
Course syllabus valid from	Autumn 2019

## **Specific entry requirements**

A bachelor's degree or a professional degree equivalent to a Swedish Bachelor's degree of at least 180 credits in health care, biomedicine, biology, cellular and molecular biology, pharmaceuticals, chemistry, medicine or biotechnology. And proficiency in English equivalent to English B/English 6.

## **Objectives**

Upon completion of the course, the student should be able to:

Regarding knowledge and understanding

- Explain and describe various technology-based business models and the dynamics of value creation, value proposition, and value capture in industrial enterprises
- Explain and describe how industrial activities are managed and organized.
- Understand the basic principles of financial accounting and reporting
- Understand and explain the activities of an industrial enterprise from different perspectives, based on concepts from the subject of industrial management

Regarding skills and ability

- Produce and analyse financial reports, on a basic level.

Regarding judgement and approach

- Select, interpret and use different costing techniques as a basis for decisions in various business situations.

## Content

The course includes the following main areas in industrial management: industrial value creation, K / I analysis, product calculation, investment assessment, accounting, financial analysis, cash flow analysis, and financing.

## Teaching methods

The course consists of lectures and exercises. During the course, three partial exams and a project assignment will be offered on a voluntary basis.

## Examination

The examination consists of

- a written exam (fail/pass/pass with distinction).

### 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.

If there are special grounds, or a need for adaptation for a student with a disability, the examiner may decide to deviate from the syllabus's regulations on the examination form, the number of examination opportunities, the possibility of supplementation or exemptions from the compulsory section/s of the course etc. Content and learning outcomes as well as the level of expected skills, knowledge and abilities may not be changed, removed or reduced.

## Transitional provisions

Examination will be provided during a time of two years after a possible cancellation of the course. Examination can take place according to an earlier literature list during a time of one year after the date when a major renewal of the literature list has been made.

## Other directives

The course language is English.

## Literature and other teaching aids

## **Mandatory literature**

### **Modern industrial management**

*Engwall, Mats; Jerbrant, Anna; Karlson, Bo; Storm, Per*

First edition : Lund : Studentlitteratur, [2018] - 483 sidor

ISBN:9789144121024 LIBRIS-ID:4c10hj2n2d3x7vvg

[Library search](#)