



**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:

Autumn2010 , Autumn2012

Course code	4BP012
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	2010-05-21
Revised by	Education committee LIME
Last revision	2018-09-25
Course syllabus valid from	Autumn 2012

Specific entry requirements

Bachelor's degree or vocational degree worth at least 180 ESTC credits in medicine, biomedicine, biotechnology, biology, chemistry or technology. Furthermore knowledge in English equivalent to English B (with at least grade Pass) are required.

Objectives

The aim of the course is to give the student theoretical insights and practical tools within the area of management and organisation of industrial corporations. Further, the course will provide the student with different perspectives in order to understand the phenomena of management and organisation. Upon completion of the course, the student should be able to:

- explain how a business as well as leadership, organizing, strategic planning, and management control functions in an industrial organisation.
- interpret an annual report from an industrial organisation, as well as be able to calculate and design the different parts of it at a basic level.
- explain the structure of the industrial company's stream of payments.
- construct, interpret and use cost calculations as part of the decision support for the industrial

company's different situations.

- connect industrial management to your future area of work.
- From the view of industrial management, be able to explain how the different parts of the area fit together related to the objectives of the industrial organization.

Content

The course will deal with industrial dynamics and the interplay with competitors and stakeholders (customers, suppliers, employees, the society at large and so on), the distinctive character of industrial operations, organization and human resource management, leadership, strategic planning, marketing, cost-volume-profit analysis, accounting, finance and investment, cash-flow analysis, investment appraisal, management control, and costing. Sustainable development, gender, communication and teamwork will be discussed in relation to the area

Teaching methods

The teaching is performed as lectures (with peer instructions) and seminars.

Examination

Examination will be in the form of written assignments and a written exam.

A student needs to get a "pass with distinction" on the written examination to get the grade "pass with distinction" on the entire course.

Limitation of number of occasions to write the exam:

A student who does not pass the examination on the first occasion is offered a maximum of five additional opportunities to sit the examination. If a student has not passed the examination after a total of four attempts then it is recommended that the student retake the whole course at the next opportunity. Following this the student is permitted to sit the examination on another two occasions. A student who fails the examination on six occasions is not permitted to sit the examination again or to retake the course.

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

The course has been cancelled HT18 and was offered for the last time in the autumn semester of 2015. Examination will be provided until the autumn semester of 2020 for students who have not completed the course.

Other directives

The course language is English.

A course evaluation will be conducted according to guidelines decided by the Board of Higher Education.

Literature and other teaching aids

Atrill, Peter; McLaney, Eddie

Accounting and finance for non-specialists

6. ed. : Harlow : Financial Times Prentice Hall, 2008 - xxiv, 561 s.

ISBN:978-0-273-71694-5 LIBRIS-ID:10969462

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