



**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
Course syllabus valid from	Autumn 2010

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 goal with 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 aims to provide the student with different perspectives in order to understand the phenomena of management and organisation. This means that the student after finalizing the course should be able to: 1. Understand and explain the main trends in the business world: How the economy affects the businesses in today's society, and how the companies should consider the ethical aspects of their actions. 2. Describe how a company is started, and understand the different forms of ownership of a company that exist. 3. Understand the significance and implications of the main theories within the areas of organisation, human relations and management. 4. Understand the main tools and concepts in the areas of production economics, distribution, marketing, costing and pricing. 5. Understand the different market forms that exist and how a company acts within different markets. 6. Understand how the financial markets work and how companies cash flows are affected by different types of decisions. 7. Define the meaning of and be able to briefly understand the

use of the main tools within the following areas: accounting, costing, budgeting and investment analysis
 8. Apply knowledge gained in the course on a company and understand how the theoretical concepts work in this company.

Content

The course consists of lectures that are built up by around current examples from the business news. This is followed by discussions on useful theoretical concepts, tools and practical examples within the following areas: 1. Trends in the business world: How the economy affects companies today 2. The entrepreneur and the start of a company 3. Corporate management and customer satisfaction: leadership, organisation and the participation of employees 4. Human resources: how to motivate employees 5. Marketing Building relationships with customers and other stakeholders 6. Information management and decision making: Understand financial and non-financial information. Accounting and costing 7. Management of financial resources: Investment opportunities and the financing of this. The course has its base in international theories on industrial management in some areas Swedish as well as Life Science industry specific examples will be discussed. Also, a few examples from different continents are given through the course.

Teaching methods

The teaching is performed as cathedral lectures and seminarier.

Examination

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

After each course there will be at least 6 opportunities to sit the examination within a two-years period.

Other directives

The course language is English.

Literature and other teaching aids

Nickels, William G.; McHugh, James M.4 aut; McHugh, Susan M.4 aut

Understanding business

8. ed. : Boston : McGraw-Hill/Irwin, cop. 2008 - xxvii, 27, 652 s.

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