



School of Economics and Management

INFN40, Informatics: Strategic Management and IS, 7.5 credits

Informatik: Strategisk ledning och informationssystem, 7,5 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus is an old version, approved by The Board of the Department of Informatics on 2013-09-20 and was last revised on 2016-04-01. . The revised syllabus applied from 2016-08-29. , autumn semester 2016.

General Information

The course can be included in the MSc Programme in Information Systems and can also be taken as a separate course.

Language of instruction: English

Main field of studies

Information Systems

Informatics

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

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Learning outcomes

The overall aim of the course is for the students to achieve greater understanding of the techno-logical and organisational factors that influence the strategic significance of information systems for organisations.

Knowledge and understanding

For a pass on the course, students shall demonstrate knowledge and understanding of

- key elements of different schools of strategy theory

- different strategy theory viewpoints
- the underlying arguments for a certain strategy theory viewpoint
- the relation of business strategies to organizations and their activities.

Competence and skills

For a pass on the course, students shall demonstrate competence and skills to

- participate in group work where strategic problems in different company case studies are analysed
- give examples of situations in industry where the theories discussed in the course can be applied
- analyse an enterprise in order to explore and select an appropriate information system for a specific type of activity and its future development
- critically analyse the use of different information systems in an organisational context.

Judgement and approach

For a pass on the course, students shall demonstrate the ability to

- describe, explain and evaluate different strategy theories from a sustainability perspective on society
- evaluate the pros and cons of different information systems as support for a specified enterprise
- motivate an appropriate choice of business strategy for the development of a specified organisation.

Course content

The course addresses central ideas within the area of strategic management and information systems. The knowledge acquired during the course is general and can be applied in practice without being tied to any specific supplier of information systems or a specific company within a particular branch.

The following topics will be covered:

- enterprises and their organization
- theories of strategic management
- activity and business models
- strategy-related information systems
- some trends in the development of information systems.

Course design

The teaching consists of lectures, guest lectures, seminars, group case studies, workshops and supervision.

The course includes compulsory components, which are stated in the schedule.

Assessment

The assessment is based on written exam and assignments.

Re-examinations are offered in close conjunction with the first examination.

Cheating such as plagiarism, fabrication and falsification is considered a serious offence in higher education (see Chapter 8 of the Higher Education Ordinance). The disciplinary measures that may be taken as a result of such offences are caution or suspension for a limited period of time from the University.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, E, D, C, B, A.

Grades (Designation) Points or percentage of maximum points. Definition.

A (Excellent) 85-100. An excellent result in terms of theoretical depth, practical relevance, analytical ability and independence.

B (Very good) 75-84. A very good result in terms of theoretical depth, practical relevance, analytical ability and independence.

C (Good) 65-74. A good result in terms of theoretical depth, practical relevance, analytical ability and independence.

D (Satisfactory) 55-64. A satisfactory result in terms of theoretical depth, practical relevance, analytical ability and independence.

E (Acceptable) 50-54. A result that satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independence.

U (Inadequate/Fail) 0-49. An inadequate result in terms of theoretical depth, practical relevance, analytical ability and independence.

To pass the course, the students must have been awarded the grade of E or higher.

Grading rules

Exam assessment

The grades A to E and U are applied to exams which are awarded *different passing grades*.

The grades U and G (Fail and Pass) are applied to exams which are *not awarded different passing grades*.

Course assessment

A grade for the entire course is awarded when all exams included in the course have been passed. The assessment is based on all the exams that have been awarded the grades A to E and U and the numbers assigned to the letters according to the following list: A = 15, B = 14, C = 13, D = 12, E = 11.

The exams with different passing grades are weighted according to the following formula:

The number of credits for the exam is multiplied with the value of the grade according to the list above. The total value is then divided by the total number of credits for the exams included. The resulting average is then rounded off to the nearest whole number and the number indicates the relevant course grade in the list above.

Exams awarded the grades of U and G are not included in the calculation of the course grade.

Entry requirements

General and completed courses: "Informatics: Introduction to Information Systems, 1-30 cr", "Informatics: Level 2, 31-60 cr" and "Informatics: Bachelor Degree Project, 15 cr" and further 15 credits informatics/information systems at Bachelor level or the equivalent. English 6/English Course B.

An exception for the general entry requirement in Swedish will be granted when the course is given in English.

Further information

The Director of the MSc Programme in Information Systems has on 1 June 2011 decided that this course may be included in the programme.

The course may not be credited towards a degree together with INFX21 or equivalent courses.

It is compulsory to attend the introduction meeting, where a roll call will be taken. Absence without notification means that the admitted student will lose his/her seat on the course.

For transitional provisions with regard to previous courses, please contact the study advisor for an individual assessment.

If the course is discontinued, there may be limited opportunities for re-examination. Please contact the study advisor for information.

Amendments

3 May 2012: General editorial changes.

17 April 2013: Changed names on exams.

8 May 2013: General editorial changes.

1 April 2016: Updated the entry requirements. Added that attendance on the introduction meeting is compulsory. New set of exams from autumn semester 2016.

Subcourses in INFN40, Informatics: Strategic Management and IS

Applies from H16

- 1601 Individual Assignments, 1,0 hp
Grading scale: Fail, Pass
Individual Assignments.
- 1602 Case papers, 3,0 hp
Grading scale: Fail, E, D, C, B, A
Group Assignments.
- 1603 Written Exam, 3,5 hp
Grading scale: Fail, E, D, C, B, A
Individual Home Exam.

Applies from H13

- 1111 Assignments, Individual, 1,0 hp
Grading scale: Fail, Pass
- 1112 Assignments, Group, 4,0 hp
Grading scale: Fail, E, D, C, B, A
- 1113 Written Exam, 2,5 hp
Grading scale: Fail, E, D, C, B, A