



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 was approved by The Board of the Department of Informatics on 2013-09-20 and was last revised on 2022-09-07. The revised syllabus comes into effect 2024-03-15 and is valid from the autumn semester 2024.

General information

The course can be taken as part of the MSc Programme in Information Systems, or as a separate course.

Language of instruction: English

Main field of study Specialisation

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

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

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

In order to pass the course, the student must be able to demonstrate knowledge of 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 organisations and their activities.

Competence and skills

In order to pass the course, the student must be able to 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

In order to pass the course, the student must be able to 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 organisation
- 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 a take-home exam, case reports and assignments.

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

The test and course grades are determined by the course examiner. The examiner is entitled to change the grades given by the teachers on the course if this does not violate Chapter 6, Section 24 of the Higher Education Ordinance (1993:100).

Cheating such as plagiarism, fabrication and falsification is considered a serious offence in higher education (see Chapter 10 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.

Examinations

- Individual Assignments, 1.0 cr, grading scale U-A, individual examination.
- Case Papers, 3.0 cr, grading scale U-A, group examination.
- Take-home exam, 3.5 cr, grading scale U-A, individual examination.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Grades

Grading scale includes the grades: U=Fail, E=Sufficient, D=Satisfactory, C=Good, B=Very Good, A=Excellent

Grade (Definition) Points or percentage out of maximum points. Characteristic.

A (Excellent) 85-100. A distinguished result that is excellent with regard to theoretical depth, practical relevance, analytical ability and independent thought.

B (Very good) 75-84. A very good result with regard to theoretical depth, practical relevance, analytical ability and independent thought.

C (Good) 65-74. The result is of a good standard with regard to theoretical depth, practical relevance, analytical ability and independent thought and lives up to expectations.

D (Satisfactory) 55-64. The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient) 50-54. The result satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought, but not more.

F (Fail) 0-49. The result does not meet the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought.

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

Grading rules and definitions

Grades are awarded according to a graded scale from A (highest) to F (lowest), with E as the minimum passing grade.

When the exam/assignment is not graded, the grades G (Pass) or F (Fail) will be applied.

Course grades

When calculating course grades, the graded components will be weighted according to the following formula:

The number of credits for the exam is multiplied with the exam score. The total value is then divided by the total number of credits for the exams/assignments included. The resulting average is then rounded off to the nearest whole number. The number indicates the relevant course grade in accordance with the grading definitions above.

For exams/assignments which are graded and scored, the grades A to F will be used in accordance with the grading definitions above. The exam score will be used directly in the calculation.

For exams/assignments which are graded but not scored, the grades A to F will be used and converted as follows: A = 92, B = 80, C = 70, D = 60, E = 52.

Exams/assignments which are not graded but awarded with G (Pass) or F (Fail) will not be included in the calculation of the course grade.

Entry requirements

To be admitted to the course, the student must have passed the general requirements and the courses: "Informatics: Introduction to Information Systems, 1-30 cr", "Informatics: Information Systems and Business Development, 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/B.

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

Further information

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.