



LUND
UNIVERSITY

School of Economics and Management

INFC70, Informatics: Information Systems Management and Strategy, 7.5 credits

*Informatik: Strategi och styrning av informationssystem, 7,5
högskolepoäng*
First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2022-06-16 to be valid from 2023-01-16, spring semester 2023.

General Information

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

Language of instruction: English

Main field of studies

Informatics

Information Systems

Depth of study relative to the degree requirements

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

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Learning outcomes

The aim of the course is that the student, upon course completion, has an understanding of processes, methodologies, techniques and tools for ensuring operational efficiency and effectiveness in information systems (IS) service delivery. The student shall be able to implement strategic plans for delivery and use of organizational information systems and ensure that those systems comply with policies, applicable laws and regulations.

The goal is also that the student shall be able to create plans for IT procurement, workforce development, training, and IT employee retention. Furthermore the student shall be able to use governance frameworks, such as TOGAF, to align information systems with organizational requirements.

Knowledge and understanding

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

- methodologies, techniques, and tools used in applying strategic planning
- systematic processes for creating long-term plans for IS to meet organizational strategic plans

Competence and skills

For a pass on the course, students shall demonstrate competence and skills individually or in groups to

- create specifications and requirements related to IT procurement for an organization
- create policies for IT talent retention, including for salaries, benefits, career path development and for matching employee skills with organizational needs
- use a governance framework to align information systems with organizational requirements

Judgement and approach

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

- evaluate an enterprise's capability to deliver IT services to its customers using the most cost-efficient methods with the highest quality of service
- evaluate best operating practices for resource optimization in delivering organization IT strategic goals

Course content

The following areas will be covered:

- strategic planning
- alignment of IS and organization on different levels
- IS workforce development
- IS governance frameworks
- IS service delivery

Course design

The teaching consists of 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 assignments.

Re-exams will be held in close proximity to the ordinary examination period.

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).

Academic misconduct such as cheating, 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 (and all the faculties of the university).

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.

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.

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

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

C (Good) 65-74 points/percent. 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 points/percent. The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient) 50-54 points/percent. 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 points/percent. 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" and "Information Systems: IS and Business Development, 31-60 cr" 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

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.

Subcourses in INFC70, Informatics: Information Systems Management and Strategy

Applies from V23

2301 Assignments, 7,5 hp
Grading scale: Fail, E, D, C, B, A