



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

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### Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2022-06-16 and was last revised on 2024-09-18. The revised syllabus comes into effect 2024-09-18 and is valid from the spring semester 2025.

### General information

The course is optional within the Bachelor's Programme in Design of Information Systems. It is also given as a freestanding course.

*Language of instruction:* English

<i>Main field of study</i>	<i>Specialisation</i>
Information Systems	G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements
Informatics	G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

### 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 organisational 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 organisational requirements.

## **Knowledge and understanding**

To pass the course, the student must 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 organisational strategic plans

## **Competence and skills**

To pass the course, the student must demonstrate competence and skills individually or in groups to

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

## **Judgement and approach**

To pass the course, the student must 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 optimisation in delivering organisation IT strategic goals

## **Course content**

The following areas will be covered:

- strategic planning
- alignment of IS and organisation 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.

## **Assessment**

The assessment is based on a take-home exam and a group assignment.

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).

*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).

### *Examinations*

- Take-Home Exam, 4.0 cr, grading scale: U-A, individual examination
- Group Assignment, 3.5 cr, grading scale: U-A, group 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 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.

**U** (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 student must have been awarded the grade of E or higher.

## **Grading rules and definitions**

### *Examination grades*

Examinations are graded according to the grading scale U-A or the grading scale U-G (Fail-Pass).

### *Course grade*

A passing grade on all examinations is required to pass the course.

1. For each examination with the grading scale U-A, the obtained points are multiplied by the number of credits for the examination. Grades without points are converted as follows: A = 92, B = 80, C = 70, D = 60, E = 52.
2. The products of the included examinations are summed up and divided by the total number of credits of the included examinations.
3. This results in a weighted average which determines the course grade. 85–100 gives the grade A, 75-84 gives the grade B, 65-74 gives the grade C, 55–64 gives the grade D, 50–54 gives the grade E.

Examinations with the grading scale U-G are not included in the calculation of the course grade.

### **Entry requirements**

Admission to the course requires general requirements and English 6 as well as the courses: "Informatics: Introduction to Information Systems, 1-30 cr" and "Informatics: Information Systems and Business Development, 31-60 cr" or the equivalent.

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 their 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.