



LUND
UNIVERSITY

School of Economics and Management

INFN60, Information Systems: Designing Digitalisation, 7.5 credits

Information Systems: Designing Digitalisation, 7,5 högskolepoäng
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2018-10-10 to be valid from 2019-01-21, spring semester 2019.

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 studies

Informatics

Information Systems

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

There are few organisations today, private and public, that are not somehow affected by digitalisation.

The work to manage and develop today's organisations requires knowledge and tools to handle the digitalisation that permeates the ongoing restructuring of today's organisations.

Digitalisation has different meanings for organisations' different stakeholders, ranging from automation to transformation of business processes. Digitalisation can change established business models, as well as create new unforeseen business models. The course aims to provide an in-depth insight into the technological and organisational landscape currently formed by IS/IT.

On completion of the course, students shall have achieved a thorough understanding of how management and development of organisations are affected by digitalisation.

This is a translation of the course syllabus approved in Swedish

Knowledge and understanding

In order to pass the course, the student must be able to demonstrate knowledge of and understanding of

- the forces driving the digitalisation of society, industry and organisations,
- digitalisation and IT from a local and global perspective,
- Business Technology as a perspective on IS/IT.

Competence and skills

In order to pass the course, the students must be able to demonstrate competence and skills individually or in groups to

- critically discuss and evaluate different computer supported information systems,
- evaluate and argue for different digitally enhanced business models,
- critically discuss and evaluate social aspects of digitalisation of organisations.

Judgement and approach

In order to pass the course, the students must be able to demonstrate the ability to

- assess and evaluate the effects of digitalisation on organisations,
- assess and evaluate the role that technology plays in digitalisation of organisations,
- assess and relate to the application of different digital technologies.

Course content

The course focuses on the challenges that digitalisation poses in the modern organisation. To control and design digitalisation, both technological and organisational aspects must be considered in conjunction. By studying theories on digitalisation and analysing cases, the course focuses on how information technology alters internal and external processes within and across organisations and society.

Course design

Teaching includes lectures and case-seminars.

The course may include compulsory components, which will be stated in the schedule.

Assessment

The assessment is based on assignments.

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

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.

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.

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", "Information Systems: IS and Business Development, 31-60 cr" and "Informatics: Bachelor Degree Project (Thesis), 15 cr" and further 15 credits informatics/information systems at Bachelor level (G2F) 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 course may not be credited towards a degree together with INFE01 or equivalent courses. No credits can be transferred between INFE01 and INFN60.

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 INFN60, Information Systems: Designing Digitalisation

Applies from V19

1901 Assignments, 7,5 hp
Grading scale: Fail, E, D, C, B, A
The assignments are done individually and in groups.