



**LUND**  
UNIVERSITY

School of Economics and Management

## **INFE01, Information Systems: Managing Digitalisation, 5 credits**

*Information Systems: Managing Digitalisation, 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 2017-10-11 and was last revised on 2023-06-07. The revised syllabus applies from 2024-01-15, spring semester 2024.

### **General Information**

The course is offered on the BSc programme in International Business.

*Language of instruction:* English

*Main field of studies*

Informatics

*Depth of study relative to the degree requirements*

G1F, First cycle, has less than 60 credits in first-cycle course/s as entry requirements

### **Learning outcomes**

There are few organisations today, private and public, that are not somehow affected by digitalisation. Most of today's managerial work requires knowledge and toolsets to manage the different aspects of the omnipresent reshaping of the organisational landscape that is digitalisation. Digitalisation, however, has different meanings for different stakeholders in any given organisation and it may span from automation to transformation of core processes. Digitalisation has the power to disrupt established business models and to create new, never-before-seen, business models. This course aims to provide an insight into the technological and managerial landscape that information technologies are building today.

On completion of the course, students shall have achieved a thorough understanding of how digitalisation affects organisations.

### **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 ICT from a local and global perspective
- social aspects of organisations digitalisation

### **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
- critically discuss and evaluate the role of technology in digitalisation of organisations
- evaluate and argue for different internet-based business models

### **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

### **Course content**

The course focuses on the challenges that digitalisation poses in the modern organisation. To manage digitalisation, both managerial and technological 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, individual examination and project work.

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

**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 courses of 30 credits in a business-related subject area 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**

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 INFE01, Information Systems: Managing Digitalisation

Applies from V24

- 2401 Assignments, 1,5 hp  
Grading scale: Fail, Pass
- 2402 Individual examination, 1,0 hp  
Grading scale: Fail, E, D, C, B, A
- 2403 Project, 2,5 hp  
Grading scale: Fail, E, D, C, B, A

Applies from V22

- 2201 Case Seminar, 1,5 hp  
Grading scale: Fail, E, D, C, B, A  
Group assignment
- 2202 Case reflections, 1,0 hp  
Grading scale: Fail, Pass  
Individual assignment
- 2203 Final report, 2,5 hp  
Grading scale: Fail, E, D, C, B, A  
Group assignment