



School of Economics and Management

## INFM10, Informatics: Master Thesis, 15 credits

*Informatik: Magisteruppsats, 15 högskolepoäng*

Second Cycle / Avancerad nivå

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### Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2013-09-20 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 compulsory within the Master's Programme in Information Systems.

*Language of instruction:* English

*Main field of study*

*Specialisation*

Information Systems

A1E, Second cycle, contains degree project for Master of Arts/Master of Science (60 credits)

### Learning outcomes

On completion of the course, the student shall have acquired in-depth knowledge and skills in planning, implementing, reporting and defending a degree project essay.

#### Knowledge and understanding

To pass the course, the student must demonstrate knowledge of and understanding of

- the interaction between different methods and approaches in a research study
- claims about quality of scientific research
- influence of scientific approaches and perspectives on scientific issues and the selection of research issues and methods
- ethical positions with regard to research studies

## Competence and skills

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

- make informed selection of methods for collecting, analysing and reporting
- independently design research instrument
- collect and process data as well as make a scientifically informed interpretation of the findings
- select and formulate a research question that can provide a clearly discernible contribution to the main area of the programme of study
- select and apply scientific research method(s)
- plan and carry out a research study within a defined time limit

## Judgement and approach

To pass the course, the student must demonstrate the ability to

- critically review and assess different research findings and studies
- assess the relevance of different research questions in the main area of the programme of study
- critically review and assess ethical aspects in research studies
- critically review and assess quality aspects in research studies

## Course content

The course deals with:

- planning and execution of a research study
- reporting and presenting the execution and results of an individual research study

## Course design

The teaching consists of lectures, seminars and supervision.

Master thesis work is carried out by teams of two students. Students are entitled to thesis supervision during the term the thesis work was commenced. If the thesis is not finalised the term the thesis work was commenced/should have been commenced or the subsequent term, the application for thesis work must be renewed. Master thesis work may be a theoretical-empirical, theoretical, or design science study.

## Assessment

The assessment is based on a master's thesis (incl. defence of own thesis and peer review of another master's thesis).

The master's thesis must be written in English and published in LUP student papers.

Regular final seminars for master's thesis are scheduled the term the thesis work was commenced. Two additional seminars take place before the course starts again.

Attendance at final seminar is mandatory unless the examiner of the course instructs otherwise.

The thesis is graded by teachers appointed by the examiner of the course. These teachers may not grade theses they have supervised.

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*

- Master's Thesis, 15.0 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. 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.

**U** (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 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 English 6 and a bachelor's degree in informatics/information systems along with 30 second-cycle credits in informatics/information systems or the equivalent.

### **Further information**

INFM10 may not be included in a degree together with INFM03 or an equivalent.

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 adviser for an individual assessment.

If the course is discontinued, there may be limited opportunities for re-examination. Please contact the study adviser for information.