School of Economics and Management

INFC65, Informatics: Information Architecture, 7.5 credits

Informatics: Information Architecture, 7,5 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2016-10-28 to be valid from 2017-01-16, spring semester 2017.

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	*Depth of study relative to the degree requirements*
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 course goal is for the students to develop a deeper understanding of the design of information architectures. The course deals with information technology (IT) and information systems (IS) for different information architectures, including its effect on organisations. Furthermore, the course deals with specific techniques and methods to support organisations with their information management.

The course introduces central theoretical concepts and perspectives within the area of information architectures. On completion of the course the students will be able to use this knowledge to design, plan, implement and evaluate different kinds of information architectures.

Knowledge and understanding

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

- different kinds of strategies for information architectures
- theories, models and concepts within the areas of IT, IS and information architectures from an organisational and management perspective
- the connection between web systems, information systems and information architecture.

Competence and skills

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

- plan, develop and implement a suitable information architecture for an organisation
- evaluate different forms of information structures and architectures
- develop strategies for information management as well as guidelines for assessing, distributing and introducing an information architecture.

Judgement and approach

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

- assess information architecture
- independently evaluate strategies for information management.

Course content

The course deals with central themes related to information structures and information architectures. This is done through studies and analyses of literature, scientific articles and empirical examples. The course also introduces a number of central theoretical perspectives, such as

- information architecture and modern information systems
- fundamental principles for information architectures
- work processes and methods for creating functional information architectures.

Course design

The teaching consists of lectures, seminars and laboratory sessions.

The course includes compulsory components, which are stated in the schedule.

Assessment

The assessment is based on written exam and assignments.

Re-examinations are offered in close conjunction with the first examination.

Cheating such as plagiarism, fabrication and falsification is considered a serious offence in higher education (see Chapter 8 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.

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

General and completed courses: ”Informatics: Introduction to Information Systems, 1-30 cr” and ”Informatics: Level 2, 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

The course may be included in the BSc programme in Design of Information Systems, according to a decision by the programme director.

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 INFC65, Informatics: Information Architecture

Applies from V17

1601 Written exam, 4,5 hp
Grading scale: Fail, E, D, C, B, A
Individual exam.

1602 Assignments, 3,0 hp
Grading scale: Fail, Pass
Group assignments.