

Behaviour in Complex Systems

Single subject and programme course

6 credits

Beteende i komplexa system

729A71

Valid from:

Determined by
The Quality Board at the Faculty of Arts
and Sciences

Date determined
2010-09-24

Main field of study

Cognitive Science

Course level

Second cycle

Advancement level

A1X

Course offered for

- Master Programme in Cognitive Science

Entry requirements

For admission to the course, the specific entry requirements that apply for admission to the master's education in Cognitive Science must be satisfied.

Intended learning outcomes

On completion of the course, the student should be able to

- apply task analysis, ethnographic analysis and risk analysis methods
- identify, choose, delimit and analyse a human-computer system
- apply one or a few relevant methods in a field or simulation study.

Course content

The course comprises two parts; theory and project work.

Theory: in the course, fundamental concepts in different subject areas are presented and different methods and technologies to translate theory into practice are covered. Practical exercises are carried out, and results and experiences from these are discussed. Primarily, the following subjects are covered: task analysis, accident analysis, risk analysis, ethnographic methods in complex environments

Project: theoretical knowledge is practised in a real environment under supervision.

Teaching and working methods

Lectures and project work in groups. The student is expected to study independently, individually or in groups.

Examination

The course is examined through a project report, compulsory participation in a final review and a critical review. Detailed information can be found in the study guide.

Grades

Three-grade scale, U, G, VG

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus. The course is carried out in such a way that both men's and women's experience and knowledge is made visible and developed.

Department

Institutionen för datavetenskap