Introduction to Cognitive Science

Single subject and programme course

6 credits

Introduktion till kognitionsvetenskap

729A10

Valid from:

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

Date determined
2010-09-24

Main field of study

No main field of study

Course level

Second cycle

Course offered for

- Master Programme in Cognitive Science

Entry requirements

For admission to the course, the specific entry regulations 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, at a basic level, be able to - account for the central questions and research areas of cognitive science - account for the different research methods that are used within cognitive science
- account for cognitive-scientific implementations within human-technology interaction.

Course content

Covered in the course are - fundamental concepts in philosophy of mind, cognitive psychology, artificial intelligence, linguistics, anthropology and neuroscience - the physical symbol system hypothesis - cognition as information processing - alternative views, such as situated and distributed cognition, embodied cognition and sub-symbolic cognition
- examples of cognitive-scientific implementations within human-technology interaction

Teaching and working methods

The teaching takes the form of lectures, seminars and laboratory sessions. The student is expected to study independently, individually or in groups.

Examination

The course is examined through a written examination, written assignments and laboratory sessions. Detailed information can be found in the study guide.
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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