



LUND
UNIVERSITY

Faculties of Humanities and Theology

KOGM01, Cognitive Science: Introductory Course, 15 credits

Kognitionsvetenskap: Introduktionskurs, 15 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by the programmes director by delegation from the pro-dean for first- and second-cycle studies on 2008-03-28 to be valid from 2008-03-28, autumn semester 2008.

General Information

The course is offered as a freestanding course. It can normally be included in a first or second cycle degree. With the approval of the relevant authenticating body, it can also be included in certain professional degrees.

Language of instruction: Swedish

The course may also be taught in English, provided there is a special agreement between the lecturer/s and the students.

Main field of studies

Cognitive Science

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

On completion of the course, the students shall be able to:

Knowledge and understanding

- demonstrate knowledge and understanding of the main fields of study in cognitive science as well as an understanding of current cognition research

Competence and skills

- demonstrate the ability to integrate knowledge from the different areas of cognitive science and analyse complex links between different cognitive processes and the role of cognition in different situations

- demonstrate the ability to clearly account for and discuss their conclusions and the knowledge and arguments that form the basis for these, in speech and in writing, in dialogue with different groups

Judgement and approach

- demonstrate the ability to make assessments of cognitive science theories and models
- demonstrate awareness of the ethical aspects of research and development
- demonstrate an understanding of the possibilities and limitations of cognitive science and how it is used for the design and understanding of different technical systems
- demonstrate the ability to identify their need for additional knowledge in cognitive science and to take responsibility for the development of their knowledge in the subject.

Course content

The course presents key areas in cognitive science, including the history of cognitive science, the anatomy and functionality of the brain and how it relates to perception, memory, learning and decision making. Students in the course also study linguistic interaction between people and interaction between people and artifacts e.g. technical systems.

Course design

Teaching consists of lectures, seminars, group assignments and laboratory sessions.

Assessment

The assessment is based on a written examination and written assignments.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass, Pass with distinction.

Entry requirements

To be admitted to the course, students must have successfully completed 90 credits in any of the following subjects: anthropology, general linguistics, computer science, informatics, neuroscience, biology, psychology, education, theoretical philosophy or have acquired equivalent knowledge.

Further information

1. This course replaces KOG210.
2. The credits allocated for course content that in whole or in part is commensurate with another course can only be credited once for a degree. For further details, see the current registration information and other relevant documentation.

Subcourses in KOGM01, Cognitive Science: Introductory Course

Applies from H07

0701 Introductory Course, 15,0 hp
Grading scale: Fail, Pass, Pass with distinction