

Cognitive Psychology I

Selectable course within the subject of psychology, 7.5 credits

Course Syllabus

Learning Outcomes

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

- Define and describe the basic issues that are addressed in psychological research on the processes of thought and knowledge in humans and to describe the current state of knowledge and research in these areas.
- Report both on the potentials and the limitations of central approaches to research in cognitive psychology, and especially in regard to information processing models, connectionist models, and the use of brain-imaging to study cognition.
- Describe important explanatory models in cognitive psychology and how they have changed and been modified by the research in recent years.
- Critically examine research on cognitive psychology based on insights about the current state of knowledge, and about the limitations of the key methods used in the area.

Content

The course provides a review of current research in cognitive psychology, including attention, memory and thought in humans. The emphasis lies on traditional symbol-based cognitive models, but separate sections of the course address research inspired by neural networks (connectionist models), and cognitive research based functional brain imaging.

Instruction

Teaching is given in the form of lectures that are followed by seminars. The teaching may be provided in English if this is needed.

Examination

The course is examined by written exams, requires active participation in the seminars, and involves a short individual essay that applies the course content to the students own research. In the examination involves the grades passed or failed.

Other directives

The course participants need to participate actively in at least 75% of the seminars for the grade passed.