Applied Cognitive Science

Single subject and programme course

12 credits

Tillämpad kognitionsvetenskap

729G19

Valid from: 2019 Spring semester

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

Date determined
2008-04-16

Revision date
2016-08-25; 2018-10-08

Offered for the last time
Spring semester 2019

Main field of study
Cognitive Science

Course level
First cycle

Advancement level
G2X

Course offered for
- Bachelor´s Programme in Cognitive Science

Specific information
The course is disused. Offered for the last time Spring semester 2019.

Examination is offered on a total of at least five occasions for each examination component.

These occasions should be distributed across at least two semesters following the final ordinary course instance. These can be found in the course's last course room in Lisam.

Contact the department to access the course room.

Entry requirements
For admission to the course, the specific entry requirements that apply for admission to the Bachelor's Programme in Cognitive Science must be satisfied, and the courses Introduction to Cognitive Science, 6 HE credits, Cognitive Psychology, 6 HE credits, Linguistics, 6 HE credits, Artificial intelligence II, 6 HE credits, Research Methodology and Statistics, 6 HE credits, Programming and Logic, 6 HE credits, Qualitative Research Methods, 6 HE credits and Computers in Linguistics, 6 HE credits, or the equivalent, must be completed.

Intended learning outcomes
On completion of the course, the student should be able to
- use cognitive science theories and methods in applied research and development work,
- apply theory of knowledge, project methodology and presentation technique.

Course content

Within the course, students undertake a project work that integrates engineering, behavioral and humanistic knowledge from the base block of the cognitive science programme. The work is performed in groups that formulate a scientific problem for a project specification that contains scheduling, time budgeting, risk analysis, roles, and division of labor. The focus of the projects varies and includes both empirical studies, technical system implementations, and evaluations of technical systems. The course also encompasses cognitive science research methodology and philosophy of science.

Teaching and working methods

Teaching takes the form of lectures, seminars and a larger project work under supervision. A project work is carried out in small groups. The student is expected to study independently, individually or in groups.

Examination

The course is examined through a written examination and a larger project work.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

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.

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Department

Institutionen för datavetenskap