

## Bachelor's Programme in Cognitive Science

Kandidatprogrammet i kognitionsvetenskap  
180 credits

F7KKO

Valid from: 2025 Autumn semester

**Determined by**

Board of the Faculty of Arts and Sciences

**Date determined**

2008-06-30

**Revised by**

Course and Programme Syllabus Board at the Faculty of Arts and Sciences

**Revision date**

2013-04-30; 2015-12-14; 2018-04-23; 2021-10-15; 2024-06-11

**Registration number**

LiU-2013-00294; LiU-2018-00946; LiU-2021-01071; LiU-2024-03125

**Offered first time**

Autumn semester 2007

**Offered for the last time**

**Replaced by**

## Entry requirements

General entry requirements for undergraduate studies and Social Studies and English and Mathematics corresponding to the level in Swedish upper secondary education (Samhällskunskap 1b or 1a1 and 1a2 or Samhällskunskap nivå 1b or nivå 1a2, Engelska 6 or Engelska nivå 2 and Matematik 2a/2b/2c or Matematik B or Matematik nivå 2a or nivå 2b or nivå 2c).

## Degree in Swedish

Filosofie kandidatexamen med huvudområde Kognitionsvetenskap

## Degree in English

Degree of Bachelor of Science with a major in Cognitive Science

## Curriculum

### Semester 1 (Autumn 2026)

| Course code | Course name                            | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|--|---------|-------|----------------|------------------|-----|
| 729G39      | Cognitive Science Introductory Course  | 9       | G1N   | v202634-202643 | 2/3/4            | C   |
| 729G46      | Information Technology and Programming | 12      | G1N   | v202634-202703 | 1                | C   |
| 729G47      | Engineering and Cognitive Psychology   | 9       | G1N   | v202644-202703 | 2/4              | C   |

### Semester 2 (Spring 2027)

*Preliminary courses*

| Course code | Course name                         | Credits | Level | Weeks | Timetable module | ECV |
|-------------|-------------------------------------|---------|-------|-------|------------------|-----|
| 729G07      | Qualitative Research Methods        | 6       | G1N   |       | 1/2/4            | C   |
| 729G13      | Cognitive Neuroscience              | 6       | G1N   |       | 1                | C   |
| 729G48      | Research Methodology and Statistics | 9       | G1N   |       | 1/2/4            | C   |
| 729G49      | Language and Computers              | 9       | G1N   |       | 2/4              | C   |

### Semester 3 (Autumn 2027)

*Preliminary courses*

| Course code | Course name                          | Credits | Level | Weeks | Timetable module | ECV |
|-------------|--------------------------------------|---------|-------|-------|------------------|-----|
| 729G12      | Distributed and Situated Cognition   | 6       | G1N   |       | 2/3              | C   |
| 729G16      | Philosophy of Mind                   | 6       | G1N   |       | 1                | C   |
| 729G77      | Interaction, Language, and Cognition | 9       | G1N   |       | 1/4              | C   |
| 729G78      | Artificial Intelligence              | 9       | G1N   |       | 2/4              | C   |

## Semester 4 (Spring 2028)

### *Preliminary courses*

| Course code | Course name                                | Credits | Level | Weeks | Timetable module | ECV |
|-------------|--|---------|-------|-------|------------------|-----|
| 729G80      | Social Cognition and Cognitive Development | 9       | G1N   |       | 1/4              | C   |
| 729G81      | Applied Cognitive Science                  | 15      | G1N   |       | 1/2/3/4          | C   |
| 729G86      | Language Technology                        | 6       | G1N   |       | 2                | C   |

## Semester 5 (Autumn 2028)

### *Preliminary courses*

| Course code | Course name                                      | Credits | Level | Weeks | Timetable module | ECV |
|-------------|--|---------|-------|-------|------------------|-----|
| 729G28      | Web Programming and Databases                    | 6       | G2F   |       | 4                | E   |
| 729G83      | Cognitive Technology and Artificial Intelligence | 9       | G2F   |       | 2                | E   |
| 729G84      | Humans in Complex Systems                        | 9       | G2F   |       | 3/4              | E   |
| 729G85      | Interaction Design and User Experience           | 9       | G2F   |       | 1                | E   |
| 729G87      | Interaction Programming                          | 6       | G2F   |       | 3                | E   |
| 729G88      | Quasi-Experimentation and Statistical Analysis   | 6       | G2F   |       | 1                | E   |

## Semester 6 (Spring 2029)

### *Preliminary courses*

| Course code | Course name  | Credits | Level | Weeks | Timetable module | ECV |
|-------------|--|---------|-------|-------|------------------|-----|
| 729G40      | Bachelor Thesis in Cognitive Science               | 18      | G2E   |       | 2/4              | C   |
| 729G41      | Capstone Course in Undergraduate Cognitive Science | 6       | G2F   |       | 1/3              | C   |
| 729G91      | Language, Culture, and Cognition                   | 6       | G2F   |       | 1/3              | C   |

ECV = Elective / Compulsory / Voluntary

\*Kursen läses över flera terminer