# FINAL DOCTORAL STUDY PLAN

# FACULTY OF EDUCATION AND PSYCHOLOGY /

# DOCTORAL PROGRAMME IN COGNITIVE NEUROSCIENCE (PhD)

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| Name: |

The application phase preliminary doctoral study plan will be revised within six months of acceptance with this final study plan. . The revisions will be made also to Sisu study system and its study plan.

The doctoral degree includes a doctoral dissertation and 30 ECTS credits of other studies. The 30 ECTS credits to be included in the doctoral degree are recorded in the personal doctoral study plan.

Potential supplementary studies that are not part of the doctoral degree:

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| **Mode of completion** | **Code** | **ECTS cr.** |
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# Doctoral study plan: doctoral studies 30 ECTS credits

**Discipline Specific Skills, at least 8 ECTS credits**

The mode of completion may be (1) study modules, courses and/or training relevant to one’s research field, for example CNSJ1201 Cognitive neuroscience seminars, CNSJ1202 Designing cognitive neuroscience research, CNSJ1203 Specialization topic in cognitive neuroscience research, CNSJ1205 Current applications of cognitive neuroscience, (2) active participation in research seminars/meetings of a research group in one’s own research field (max 3 cr.), (3) exams and/or essays based on literature in one’s research field, (4) scientific presentations of one’s own research for example at national or international conferences, (5) research-based presentations and/or publications aimed to a wider audience, for which study credits may be agreed separately, (6) scientific publications not included in the dissertation, (7) participation in an international seminar or summer school or other international cooperation, for which study credits may be agreed on separately.

In mode of completion 1, the course is applied for and submitted with its original code. In modes 2-7, the assignment is recorded under the doctoral programme code CNSJ1200 or code starting with CNSJ121-, e.g. CNSJ1212.

Plan for the study of Discipline Specific Skills (at least 8 ECTS credits):

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| **Mode of completion** | **Code** | **ECTS cr.** |
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**Research Competence and Methodological Skills, at least 10 ECTS credits**

The module consists of the following mandatory studies:

* research ethics 3 ECTS credits
* theory of science/philosophy of science 3 ECTS credits
* open science 1 ECTS credit
* in addition at least 3 ECTS credits of research methods studies (e.g., qualitative, quantitative, or mixed methods, for example CNSJ1204 Analysis methods of cognitive neuroscience) or other research competence studies (e.g., data management, grant writing)

The mode of completion may be (1) available study modules/courses or (2) independent studies agreed with the supervisor-in-charge.

In mode of completion 1, the course is applied for and submitted with its original code. In mode 2, the assignment is recorded under the doctoral programme code starting with CNSJ130-, e.g. CNSJ1300.

Plan for the study of Research Competence and Methodological Skills (at least 10 ECTS credits):

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**Communication Skills, 2-4 ECTS credits**

2-4 ECTS communication skills studies, including mandatory 2 ECTS studies in scientific communication.

The mode of completion may be (1) study unit(s) related to scientific writing, communication in scientific communities and/or the dissertation process, or (2) other studies agreed upon with the supervisor-in-charge.

In mode of completion 1, the course is applied for and submitted with its original code. In mode 2, the assignment is recorded under the doctoral programme code starting with CNSJ150-, e.g. CNSJ1500.

Plan for the study of Communication Skills (2-4 ECTS credits):

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| **Mode of completion** | **Code** | **ECTS cr.** |
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**Other Professional Expertise and Transversal Skills, at least 2 ECTS credits**

The mode of completion may be (1) study modules/courses that support expertise, transversal skills, and/or skills in sustainable development, (2) research, teaching, coordination, development, or other expert tasks in departments and projects at the university related to one’s own field of research, (3) research, teaching, coordination, development, or other expert tasks outside the university related to one’s own field of research, or (4) participation in training, events, and/or lectures that support expertise and transversal skills (study credits may be agreed with the supervisor-in-charge).

In mode of completion 1, the course is applied for and submitted with its original code. In modes of completion 2-4, the assignment is recorded under the doctoral programme code starting with CNSJ140-, e.g. CNSJ1400.

Plan for the study of Other Professional Expertise and Transversal Skills (at least 2 ECTS credits):

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| **Mode of completion** | **Code** | **ECTS cr.** |
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# Other possible issues related to your doctoral study plan:

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**Signatures**

*(the signature can be replaced with an email confirmation attached to the doctoral study plan)*

**Doctoral student:**

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| Place: |
| Date: |
| Signature: |

**Supervisor-in-charge:**

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| Name of the **supervisor-in-charge**: |
| Employer / unit: |
| Phone number: |
| Email: |
| Signature of the supervisor-in-charge: |