



the European
University of
Viadrina
in
Białystok
and
Cottbus

MEi:CogSci Learning Contract

for the Into Research II Module (10 ECTS)

INFO FILE

1 Student Information¹

| | |
|-----------------------|-----------------------|
| Student Name | First name, last name |
| Student ID Number | |
| Degree Programme Code | |
| Name of Supervisor | |

2 Into Research II Module – Learning Outcomes*

Subject specific

- Gain experience in a selected question and methodology relevant to cognitive science

Methodological

- Ability to produce, process, analyse and interpret data of a small research project
- Ability to conduct a small research project, write an abstract, and present the project as a poster

Generic/Instrumental

- Ability to defend one's research project and constructively deal with critical commentary
- Ability to appreciate and critically discuss scientific work of colleagues
- Ability to solve problems in a small research project
- Ability to identify individual lack of knowledge and methodology, acquire, and utilize methodological knowledge in the context of a small research project

Interpersonal

- Ability to organise and conduct basic research in an interdisciplinary group
- Ability to appreciate and critically discuss scientific work of colleagues

Systemic

- Ability to appreciate and critically discuss scientific work of colleagues
- Ability to solve problems in a small research project

*This is a reminder of the goals of this module (see MEi:CogSci curriculum).

¹ By handing in this document, the student declares that their personal data which they provided for the university they is currently enrolled at (e.g. via the university's online information system) is correct and complete. Where necessary, the student corrected and/or completed the personal data to the best of their knowledge or has officially requested a correction/completion of their personal data.

2.1 General Project Information

| Project Title | Supervisor | Teamwork/Co-Student (if applicable) |
|-----------------------|--------------------|--|
| Title of your project | Name of supervisor | In case you are doing your project together with another MEi:CogSci student, specify their name here |

2.1.1 Summary of Topic/Phenomenon and Personal Goals (3000-5000 characters)

Here you should specify the topic of your project, why you want to do this project and where you see its relevance for the field of cognitive science. Write a short (3000-5000 characters) description.

3 Project Specifications

Please specify the concrete workflow of your project.

The structure and content of the project specifications differs depending on the kind of project you are planning. Your project can be:

- an empirical/experiment-based project
- a theoretical project
- a modelling project

Please make sure to choose the correct template and plan your project along the pre-defined project steps.

These products are compulsory:

1. a **lab journal** for the ongoing (!) documentation of your project (it should contain ideas, literature reviews, protocols of meetings/reviews, lab-procedures, etc.)
2. a **one-page abstract of your project for submission for the MEi:CogSci Conference** (submission dates according to seminar)
3. **two reviews of colleagues' abstracts** (submission dates according to seminar)
4. a **poster for presenting the results of the project at the MEi:CogSci Conference** (submission dates according to seminar)

(If you are going to a spring/summer school you can propose it to be part of this module - for the IK at Günne that would be 2 ECTS.)

3.1 Project Steps

| Literature Research | | | Total Working Hours (WH)/ECTS: __ / __ | | |
|----------------------|-------------------------|-------------------------------|---|--|----------------|
| Working-package (WP) | Start – End | WH / ECTS | Activities | Resources required | Milestones (M) |
| WP Initial 1 | month/year – month/year | WH / ECTS (1 ECTS = 25 WH) | Describe activity, tasks, etc. (e.g. gaining an overview of relevant theories, concepts, and paradigms, reviewing existing studies and related work on subject xy, creating annotated bibliography, writing literature notes...) | Resources/means required to achieve the task (e.g. access to literature, journals, libraries, data bases, ..) | e.g. M1 Lit |
| WP Initial2 | | | | | |
| ... | | | | | |

| Conceptualisation | | | Total WH/ECTS: __ / __ | | |
|----------------------|-------------------------|-----------|---|---|----------------|
| Working-package (WP) | Start – End | WH / ECTS | Activities | Resources required | Milestones (M) |
| WP Concept1 | month/year – month/year | WH / ECTS | e.g. conceptualising model based on identified studies/literature, choosing adequate framework/paradigm, defining hypotheses and test criteria, ... (depending on kind of model/paradigm) | e.g. computer, access to tools, data bases, programming environment, frameworks, consolidation time with supervisor ... | e.g. M2 Theses |
| WP Concept2 | | | | | |
| ... | | | | | |

| Programming/Implementing the Model | | | | | Total WH/ECTS: __ / __ |
|------------------------------------|-------------------------|-----------|---|---|------------------------|
| Working-package (WP) | Start – End | WH / ECTS | Activities | Resources required | Milestones (M) |
| WP Program1 | month/year – month/year | WH / ECTS | e.g. programming the model, teaching/training the model with data of xy, iterative adaption of model, ... (depending on type of model/paradigm) | e.g. computer, access to tools, programming environment, frameworks, consolidation time with supervisor ... | e.g. M3 Mod.1 |
| WP Train1 | | | | | |
| ... | | | | | |

| Running and Analysing the Model | | | | | Total WH/ECTS: __ / __ |
|---------------------------------|-------------------------|-----------|--|---|------------------------|
| Working-package (WP) | Start – End | WH / ECTS | Activities | Resources required | Milestones (M) |
| WP Test1 | month/year – month/year | WH / ECTS | e.g. iterative running, testing and adapting the model, running model on test data set 1, analysing model performance, ... | e.g. computer, access to tools, programming environment, frameworks, consolidation time with supervisor ... | e.g. M4 Mod.2 |
| WP Test2 | | | | | |
| ... | | | | | |

| Project Documentation | | | | | Total WH/ECTS: __ / __ |
|-----------------------|-------------------------|-----------|--|---|------------------------|
| Working-package (WP) | Start – End | WH / ECTS | Activities | Resources required | Milestones (M) |
| WP Docu1 | month/year – month/year | WH / ECTS | Project documentation (e.g. lab journal, short bi-weekly reports on project status, etc.) as agreed upon with supervisor | E.g. computer/laptop, consolidation time with supervisor, ... | e.g. M4 Docu start |
| ... | | | | | |
| | | | | | |
| | | | | | |

3.2 Project Milestones

| Mile-stone | Result/"Product" and/or Deliverables |
|------------|--|
| M1 Lit | Description of result/"product"; the "outcome" of activities/tasks necessary to successfully continue the project and/or proceed to the next WP (e.g. literature notes on relevant studies finished, concrete paradigm for modelling identified, model trained/run on test data, ...) |
| M2 Theses | ... |
| ... | |
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4 Agreement Signatures

Notice:

Student and supervisor have to sign the contract at the beginning of the project, thereby agreeing to the project specifications and deliverables.

Date, signature of **student**

Date, signature of **supervisor**

5 Grading

Final grade for the project

Date, stamp & signature of supervisor