

JUSTUS-LIEBIG-



UNIVERSITÄT  
GIESSEN

Der Präsident

**Mitteilungen der  
Justus-Liebig-Universität Gießen**

Ausgabe vom  
**04.02.2022**

**7.36.06 Nr.5**  
Special Regulation for the Master's program  
„Mind, Brain, and Behavior“

**Special Regulation for the Master's program  
„Mind, Brain, and Behavior“  
of the Faculty 06 – Psychology and Sports Science –  
of the Justus Liebig University Giessen**

**04.11.2020**

	Resolution FBR	Senate	Approval President's Office	Entry into force
1st version	04.11.2020	16.12.2020	19.01.2021	04.02.2021

Special Regulation for the Master's program „Mind, Brain, and Behavior“	04.02.2021	7.36.06 Nr.5
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Please note that only the German version of the modules is official and legally binding. The English version is for informative purposes only.

## Contents

§ 1 (zu § 2 Abs. 1) .....	2
§ 2 (zu § 3) .....	2
§ 3 (zu § 5 Abs. 1) .....	2
§ 4 (zu § 8) .....	3
§ 5 (zu § 7 Abs. 1) .....	4
§ 6 (zu § 17 Abs. 3) .....	4
§ 7 (zu § 8 Abs. 3) .....	4
§ 8 (zu § 10) .....	4
§ 9 (zu § 18 Abs. 2 und Abs. 7) .....	4
§ 10 (zu § 7 Abs. 3) .....	4
§ 11 (zu § 18 Abs. 3) .....	4
§ 12 (zu § 24 Abs. 1) .....	5
§ 13 (zu § 23 Abs. 2) .....	5
§ 14 (zu § 21) .....	5
§ 15 (zu § 20) .....	5
§ 16 (zu §33 Abs. 1) .....	5
§ 17 Coming into effect and interim regulations .....	5
Supplements .....	5

### § 1 (zu § 2 Abs. 1)

- (1) The Master's program Mind, Brain, and Behavior results in a professional qualification and spans 4 semesters.
- (2) The program can only be started in the winter semester.

### § 2 (zu § 3)

After completion of the study program, the Faculty 06 – Psychology and Sports Science of the Justus Liebig University Giessen awards the degree of „Master of Science: Mind, Brain, and Behavior“.

### § 3 (zu § 5 Abs. 1)

(1) Admission to the Master's program Mind, Brain, and Behavior is only possible for those who can prove that they have completed a relevant course of study with a standard period of at least 6 semesters (180 CP in total), which was successfully completed with a Bachelor of Science (B.Sc.) in one of the following areas:

1. Movement Science
2. Biology
3. Computer Science/Data Science
4. Cognitive Science
5. Linguistics

Special Regulation for the Master's program „Mind, Brain, and Behavior“	04.02.2021	7.36.06 Nr.5
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6. Neuroscience
7. Physics
8. Psychology
9. Behavioral Science

Other Bachelor's degrees may be accepted if the application documents show that the prerequisites for the Master's program Mind, Brain, and Behavior have been met.

(2) For admission to the Master's program, the following two-stage selection procedure must be successfully completed.

The selection procedure is supervised by an examination board consisting of the following professorships: Professur für Allgemeine Psychologie, Professur für Allgemeine Psychologie mit dem Schwerpunkt Wahrnehmung & Handlung, Professur für Allgemeine Psychologie und Visuelle Neurowissenschaften, Professur für Entwicklungspsychologie and the Kurt-Koffka-Professur für Experimentelle Psychologie.

1. Stage 1: First, applicants must meet specific criteria to be invited to a selection interview:

- Proof of English proficiency at level B2 of the Council of Europe's Common European Framework of Reference for Languages.
- Achieve a minimum of 3 qualification points as a result of the average Bachelor's grade points (grade 0.7-0.9 or 15.0-11.3 grade points: 3 qualification points; grade 2.0-2.5 or 11.2-9.5 grade points: 2 qualification points) and additional qualifications (max. 1 qualification point: practical experience in the field of neuroscience or behavioral science (training or job certificate), or internship in the field of neuroscience or behavioral science (minimum of 8 weeks; only if done in addition the completed course of study), or completion of a specialized or advanced module with a focus on behavioral science or neuroscience (minimum of 9 credit points according to ECTS)).

The examination board appoints a person affiliated with the department to review the criteria in Stage 1 of the selection process.

2. Stage 2: All applicants meeting the above criteria will be invited to a selection interview in which they will be interviewed about their motivation, relevant previous knowledge and their Bachelor's thesis. In the selection interview, the applicants can obtain 0-15 points:

- Maximum of 3 points for motivation (criteria: Demonstrable interest in the Master's program „Mind, Brain, and Behavior“),
- maximum of 3 points for previous knowledge and skills (criteria: Experience and knowledge about behavioral sciences and cognitive neuroscience; experience with empirical and experimental methods),
- maximum of 9 points for the presentation of their bachelor thesis (criteria: Clarity and rigor of the presentation, discussion with respect to the current state of research, identification of open questions and possible future directions, answers to questions about the thesis).

Students scoring above 12 points are admitted to the program. The examination board appoints at least two members of the faculty (selection committee; of which at least one is a professor) to conduct the selection interviews in stage 2 of the selection procedure.

(3) Minutes will be taken of the selection interview.

(4) The selection committee decides about admission to the Master's program as well as about exceptions to paragraph 1.

#### **§ 4 (zu § 8)**

The modules are described in Supplement 2. The language of instruction is English as a rule.

Special Regulation for the Master's program „Mind, Brain, and Behavior“	04.02.2021	7.36.06 Nr.5
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## **§ 5 (zu § 7 Abs. 1)**

The Master's program Mind, Brain, and Behavior consists of 13 modules:

- 2 Core modules
- 4 Theory modules
- 4 Application modules
- 2 Elective modules
- 1 Master thesis module

## **§ 6 (zu § 17 Abs. 3)**

For all modules, attendance as a prerequisite for examination is defined as follows: Absences of up to 3 hours or up to 2 sessions (for courses with 2 SWS) are possible. Other attendance regulations will be announced in the first meeting of a course. The above does not apply to lectures.

## **§ 7 (zu § 8 Abs. 3)**

(1) Prerequisite for admission to the master thesis module (MBB-MA-TM) is proof of registration to 1 Core module, 4 Theory modules and 3 Application modules.

(2) As a rule, registration for the Master's thesis module is possible only after the end of the lecture period of the 3rd semester (according to the study plan). The examination board may decide on exceptions.

## **§ 8 (zu § 10)**

Students must participate in a practical training. Further details are given in the practical training regulations (Supplement 4). Students or professors together with non-university employers can suggest practical training sites.

## **§ 9 (zu § 18 Abs. 2 und Abs. 7)**

Types of examination are oral exams, written exams, essays, oral presentations (presentation of the key aspects of a specific topic in a concise, clear and comprehensible way, including presentation design and visualization), group work (preparation of a specific topic, including identification of relevant questions) and individual or group project work (working on one or several specific questions (e.g. programming tasks, design of a VR experiment, training and testing mathematical models, collection and analysis of imaging data, or collection and analysis of behavioral data) with the given means, e.g. with a specific programming language). The respective type of examination is specified in the module descriptions (Supplement 2).

## **§ 10 (zu § 7 Abs. 3)**

A course of study is attached in Supplement 1.

## **§ 11 (zu § 18 Abs. 3)**

(1) When registering for a module, students automatically register for the respective examinations. Withdrawal from examinations is only possible until the end of the fourth week of the lecture period. Only for lectures, withdrawal is possible until two weeks before the examination.

(2) Withdrawal is not possible from examination in the thesis module. Still, it is possible to withdraw for valid reasons as defined in § 29AllB.

Special Regulation for the Master's program „Mind, Brain, and Behavior“	04.02.2021	7.36.06 Nr.5
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### **§ 12 (zu § 24 Abs. 1)**

The duration of an oral exam is at least 20 minutes, but no more than 40 minutes, per examinee and course.

### **§ 13 (zu § 23 Abs. 2)**

The duration of a written exam is at least 90, but no more than 120 minutes

### **§ 14 (zu § 21)**

(1) The final paper (Master's thesis) is written in English. Oral examinations are in English.

(2) The work period for the Master's thesis is 150 days. The topic must be chosen so that it can be handled within this period.

### **§ 15 (zu § 20)**

(1) The study program has been passed if all compulsory modules of the program have been passed.

(2) The overall grade (rounded down to one decimal place) is calculated by dividing the sum of the weighted module grades (multiplication of each grade with the module's CP) by the total number of CPs of the graded modules of the study program.

(3) A maximum of one module (a maximum of 8 CP) from the theory and application modules can be removed from the calculation of the overall grade at the student's discretion.

(4) The core modules Practical Training (13 CP) and Research Practice (9 CP) are evaluated as pass or fail and not graded. The corresponding CPs are not considered in the overall grade calculation.

### **§ 16 (zu §33 Abs. 1)**

After each examination, the examinee will be granted access to the files upon request. The request must be submitted to the lecturer within six weeks after the grade has been submitted to the examination administration system.

### **§ 17 Coming into effect and interim regulations**

This regulation comes into effect after its proclamation and will apply from the winter semester 2022/23.

### **Supplements**

Supplement 1 — Course of study

Supplement 2 — Modul descriptions

Supplement 3 — Elective modules

Supplement 4 — Practical training regulations