

CONTACT AND ADVICE

STUDENT HOTLINE CALL JUSTUS

☎ +49 641 99 16400 | 💬 Justus Chat

CENTRAL STUDENT ADVISORY SERVICE

Goethestr. 58, 35390 Giessen | ✉ zsb@uni-giessen.de

Counselling services, contact options and office hours:

➔ www.uni-giessen.de/studium/zsb

INTERNATIONAL OFFICE

☎ +49 641 99 12143 | +49 641 99 12174

✉ international.students@uni-giessen.de

➔ www.uni-giessen.de/international-pages

ACADEMIC ADVICE

Dr. Philipp Schmidt

Department of Experimental Psychology
Otto-Behaghel-Strasse 10F, 35394 Giessen

☎ +49 641 99 26130

✉ Filipp.Schmidt@psychol.uni-giessen.de

Prof. Dr. Katja Fiehler

✉ Katja.Fiehler@psychol.uni-giessen.de

FACULTY 6 – PSYCHOLOGY AND SPORT SCIENCES

➔ www.uni-giessen.de/faculties/f06

APPLICATION

ADMISSION REQUIREMENTS: GENERAL UNIVERSITY ENTRANCE QUALIFICATION, ADVANCED TECHNICAL COLLEGE ENTRANCE QUALIFICATION OR EQUIVALENT DEGREE; BACHELOR'S DEGREE IN A RELEVANT FIELD OF STUDY

4	SEMESTERS – 120 CREDIT POINTS (CP)
WS	START IN WINTER SEMESTER (OCTOBER)
LA	LANGUAGE REQUIREMENTS

JLU application portal:

➔ www.uni-giessen.de/studium/bewerbung

All applicants with a foreign university entrance certificate or a foreign Bachelor's degree must submit their application via:

➔ www.uni-assist.de

No study fees are charged for this study program. However, students have to pay a semester contribution of approx. 400 EUR for administration and the semester ticket.

For further information contact:

Registrar's Office

Goethestr. 58, 35390 Giessen

Postal address: Postfach 11 14 40, 35359 Giessen

☎ +49 641 99 16400 (via Call Justus)

✉ international.admission@admin.uni-giessen.de

FURTHER INFORMATION

➔ www.uni-giessen.de/studium/master/mbb



MASTER OF SCIENCE (M.SC.)

MIND, BRAIN AND BEHAVIOR

Study programme taught in English



Understanding human perception and behavior is one of the greatest challenges facing science. Fueled by recent advances in Artificial Intelligence, there is a growing need for expertise in methods and models addressing this mystery in numerous application areas. In this program students will acquire core competencies to be a part in this endeavor.

WHAT MAKES US SPECIAL

Justus Liebig University Giessen (JLU) offers an international Master's degree program in Mind, Brain and Behavior, at the intersection of Cognitive Neuroscience and Behavioral Science, to address the growing need to master methods and models to understand human thinking and behavior. Our students will learn selected topics together with core empirical methods, including brain imaging, eye- and motion-tracking, computational modeling, and virtual reality. The interdisciplinary component of the program encompasses an internship and two elective modules. The overall objective of the program is to prepare students for a career in basic research or application areas in the domains of Cognitive Neuroscience and Behavioral Sciences at the cutting edge of current methods and understanding.

We have a strong research background. The professors include the renowned scientists Katja Dörschner-Boyaci, Katja Fiehler, Roland W. Fleming, Karl Gegenfurtner, and Gudrun Schwarzer. Also, JLU Giessen is one of only a few institutions in Germany to have a Collaborative Research Centre in Psychology (Cardinal Mechanisms of Perception) and is consistently ranked among the top places for vision science worldwide. We have a network of close collaboration partners in academia both nationally (e.g., University of Marburg, Technical University of Darmstadt) and internationally (e.g., York University in Toronto, Western University in London, Ontario, and Queen's University in Kingston).

APPLICATION REQUIREMENTS

A Bachelor's degree with at least 180 ECTS credits in a relevant field (Behavioral Sciences, Biology, Cognitive Sciences, Computer Science, Data Science, Linguistics, Movement Sciences, Neuroscience, Physics, Psychology).

- For other Bachelor's degrees, the admissions board will individually assess whether they meet the entry requirements.
- Proof of English language proficiency: Common European Framework of Reference for Languages (CEFR) Level B2 or equivalent.

COMPOSITION OF THE STUDY PROGRAM

The international degree program in Mind, Brain and Behavior has a duration of four semesters and starts each winter semester (October).

The program consists of four theory modules, four application modules, a 9-week internship, two elective modules, and the Master's thesis.

The internship and elective modules help students to shape their professional profile according to their preferences and needs. Elective modules for example include Quantitative Foundations of Artificial Intelligence, Creativity and Entrepreneurship, or Technology and Innovation Management.

1st semester
■ ■ ■ ■ ■
2nd semester
■ ■ ■ ■
3rd semester
■ ■ ■ ■
4th semester
■ ■ ■ ■ ■
■ Theory ■ Application ■ Elective&Internship ■ Thesis

CAREER OPTIONS

The demand for research-oriented and methodologically trained behavioral scientists and cognitive neuroscientists is significant and continues to increase. Relevant fields of work include analysis of human behavior in real-world and digital contexts, human-machine interface design, virtual reality, autonomous driving, cognitive robotics, artificial intelligence, and applications based on

machine learning and artificial neural networks. We closely collaborate in these fields with



other universities and industry partners. At the core of these different fields lies both a theoretical and practical mastery of relevant experimental and modelling methods, for which our graduates will be optimally prepared. Potential employers include universities with advanced graduate programs (PhD) and other research institutions, as well as some of the largest and fastest-growing high-tech and Internet companies in the world.

ORGANIZATIONAL ISSUES

- Examination and study regulations (including module descriptions and course of study plans; in German)
 - ↳ www.uni-giessen.de/mug/7/7_findex36.html/7_36_06_5
- General Regulations for modularized and multi-stage study programs at JLU (English Version for informative purposes. Only German versions of the modules are official and legally binding.)
 - ↳ www.uni-giessen.de/mug/7/7_34_00_1_engl