



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Doctorate	2
Graduate School of Systemic Neurosciences • Ludwig-Maximilians-Universität München • München	2

Doctorate



Graduate School of Systemic Neurosciences

Ludwig-Maximilians-Universität München • München



Overview

Degree	PhD Systemic Neurosciences
Course location	München
In cooperation with	Find out about our network of collaborating research institutions at https://www.gsn.uni-muenchen.de/research/network/index.html
Teaching language	<ul style="list-style-type: none">English
Languages	The course language is English.
Programme duration	6 semesters
Beginning	Winter semester
Application deadline	Annually on 15 February
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	Yes
Joint degree / double degree programme	No
Description/content	<p>The GSN-LMU offers a research-oriented, well-structured, and carefully supervised training programme in systemic neurosciences and related fields. The following typical research topics serve as interdisciplinary links between the various fields of systemic neurosciences:</p> <ul style="list-style-type: none">• single cells to complex systems• system analysis to mathematical modelling• perception and cognition to mind and neurophilosophy• biology to technical solutions

Additional support is offered by the [GraduateCenter](#).

Course Details

Course organisation	<p>The GSN-LMU will help in educating a new generation of neuroscientists not only to have the ability to develop new approaches and methods, but also to possess a broad understanding of the complexity of the scientific subject and a profound knowledge of the theory of science.</p> <p>Each doctoral student has an individually assigned thesis committee with whom training measures are discussed and defined. Regular meetings and continuous supervision support doctoral students in mastering their challenging research projects. In addition, the training concept of the Graduate School of Systemic Neurosciences also incorporates the development of valuable transferable skills.</p> <p>Scientific and social networking, enhanced by the contacts offered through the international research network of the Munich Center for Neurosciences - Brain & Mind, round off the research training within the GSN-LMU.</p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none">• International guest lecturers• Integrated study abroad unit(s)• Training in intercultural skills• Study trips• Courses are led with foreign partners• Projects with partners in Germany and abroad
Integrated study abroad unit(s)	Institutional and financial support is available for research internships abroad.
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	<p>Basic fee of 75 EUR + additional fee for the Deutschland-Ticket</p> <p>https://www.lmu.de/en/workspace-for-students/abc-study-guide/semester-ticket/index.html</p>

Costs of living Since Munich is one of the most expensive cities in Germany, a budget of no less than 900 EUR per month is recommended for basic living costs. See our "Life in Munich" webpage for more

information: https://www.gsn.uni-muenchen.de/apply/living_in_munich/index.html

Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	In general, PhD students receive funding from their supervising research group. More details are available at https://www.gsn.uni-muenchen.de/apply/funding/index.html . LMU Travel Grant, LMU Completion Grant

Requirements / Registration

Academic admission requirements	Applicants must hold an MSc or equivalent degree in biology, psychology, medicine, physics, or related fields. Exceptionally qualified students holding a Bachelor's degree can apply for the PhD fast-track programme.
Language requirements	English is the lingua franca of the programme for both instruction and research, thus a good command of English is required for participation.
Application deadline	Annually on 15 February
Submit application to	https://www.gsn.uni-muenchen.de/apply/index.html

Services

Accommodation	<p>The International Office helps visiting academics, PhD students, and postdocs who are travelling to Munich for a set period of time to find accommodation.</p> <p>For further information, please visit the following link:</p> <p>https://www.lmu.de/en/study/important-contacts/international-office/index.html</p> <p>Rooms in shared flats are popular on the private market and reasonably priced at 400-600 EUR per month if located in central parts of Munich.</p> <p>https://www.lmu.de/en/about-lmu/working-at-lmu/additional-services/lmu-gateway/new-international-doctoral-candidates/phase-1-preparing-your-move-to-munich/index.html</p>
Structured research and supervision	Yes
Research training / discussion	Yes
Career advisory service	Individual counselling, regular talks from representatives in academia and industry on career-related topics, alumni support of graduating students

Support for international students and doctoral candidates

- Welcome event
- Tutors
- Accompanying programme
- Specialist counselling
- Cultural and linguistic preparation
- Visa matters
- Buddy programme

General services and support for international students and doctoral candidates

Supervision by individual thesis advisory committees (TAC) as well as regular meetings and documentation of milestones and thesis objectives are complemented by administrative assistance and dedicated support from the GSN staff.

Supervisor-student ratio

Currently, the GSN is home to more than 280 students who are being supervised by over 150 faculty members.

Our Partners



Getting to know the Graduate School of Systemic Neurosciences GSN-LMU

GSN is the teaching entity for the Munich Center for Neurosciences – Brain & Mind (MCN), offering an integrated programme of study that takes students from a Bachelor's to a Master's or doctoral degree in neuroscience.

» more:
<https://www.youtube.com/watch?v=84DBJV6RnNo&t=9s>



The GSN is located in the LMU Biocenter, which is part of the Martinsried life-science campus.

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The essential question in modern neurosciences is to understand how the human brain is functioning on all levels, from molecules to cognition. In order to approach these questions, neuroscience researchers develop and use a wide spectrum of experimental and analytical methods from a broad variety of disciplines. As the techniques and analyses are becoming more interdisciplinary, the increasing demand for graduates with an interdisciplinary and integrative educational background is not surprising. Based on its strong history and today's proficient expertise in neurosciences, Munich is by all measures worldwide one of the most important centres for neurosciences and, thus, an important international site for interdisciplinary research and education in the field. The programme at the GSN provides basic and individual teaching concepts for graduates with an educational background not only in neurosciences, but also from other related fields, such as life sciences, mathematics, physics, computational sciences, and engineering as well as philosophy.

For more information, please visit https://www.en.uni-muenchen.de/about_lmum/index.html



University location

Ludwig-Maximilians-Universität München forms part of a unique network of research institutions, foundations, and corporations in and around the city. Its campuses and a lively international student community constitute an integral part of the urban landscape. Home to approximately 1.5 million people, Munich is not only an important hub for higher education, research, technology, and the media. With its renowned museums, galleries, theatres, and festivals, the capital of Bavaria also ranks among the major European cultural centres. Its proximity to the surrounding lakes and the Bavarian Alps adds to Munich's inimitable appeal.

Contact

Ludwig-Maximilians-Universität München
Graduate School of Systemic Neurosciences

Verena Winkler

Großhaderner Straße 2
82152 Planegg

Tel. +49 89218074178

✉ gsn@lmu.de

🌐 Course website: <https://www.gsn.uni-muenchen.de/>

🌐 <https://de.linkedin.com/school/gsn-lmu-munich/>

📺 <https://www.youtube.com/@munichneurosciencechannel/videos>

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International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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