



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



## Table of Contents

<b>Graduate school .....</b>	<b>2</b>
<b>Georg-August University School of Science Göttingen (GAUSS) • University of Göttingen • Göttingen .....</b>	<b>2</b>

# Graduate school



## Georg-August University School of Science Göttingen (GAUSS)

University of Göttingen • Göttingen

### Overview

#### Description/content

The Georg-August University School of Science (GAUSS) is a scientific institution at the University of Göttingen. It aims to promote excellence by structured training and supervision of more than 1,500 doctoral candidates in mathematics, natural and life sciences. Working on research projects towards their doctorate, the students are supported in the development of scientific networks in an international environment of the Göttingen campus and beyond.

GAUSS provides the organisational and regulatory umbrella for this programme. It was founded in 2005 by the five faculties of [Biology and Psychology](#), [Chemistry](#), [Geoscience and Geography](#), [Mathematics and Computer Science](#), and [Physics](#). These faculties are closely cooperating with the [University Medical Center](#), several Max Planck Institutes, a Fraunhofer Institute, the German Primate Center – Leibniz Institute for Primate Research, and the German Aerospace Center (Göttingen site) in doctoral education.

Each of the five mathematics and natural science faculties hosts **faculty programmes**. These faculty programmes are managed by the Dean's Office of the respective faculty, serving as a first contact for application, admission and programme-related questions.

Some of the faculties also offer additional, **thematically-focused doctoral programmes** or externally funded research training groups. For these programmes, both the Dean's Office of the respective faculty or the programme speaker may serve as a first contact for application, admission and programme-related questions.

The **Göttingen Graduate Center for Neurosciences, Biophysics and Molecular Biosciences (GGNB)** is an interdisciplinary scientific institution of the University of Göttingen under the umbrella of GAUSS. It hosts about one third of all GAUSS doctoral candidates in one of its 16 campus-wide interdisciplinary doctoral programmes. The GGNB was successful in the first and second round of the excellence initiative of the German federal and state governments and is now continued as a graduate centre connecting structured doctoral education at the science faculties, the University Medical Center Göttingen, two local Max Planck Institutes and the Leibniz Institute for Primate Research.

For a list of all GAUSS programmes, please see [www.uni-goettingen.de/en/584578.html](http://www.uni-goettingen.de/en/584578.html).

#### Faculties

##### Faculties University Göttingen, University Medical Center & GGNB

- Faculty of Biology and Psychology
- Faculty of Chemistry
- Faculty of Geoscience and Geography
- Faculty of Mathematics and Computer Science
- Faculty of Physics
- University Medical Center Göttingen (UMG)
- Göttingen Graduate Center for Neurosciences, Biophysics and Molecular Biosciences (GGNB)

##### Campus Partners/Non-University Institutions

- Max Planck Institute for Multidisciplinary Sciences (MPI-NAT)
- Max Planck Institute of Dynamics and Self-Organization (MPI-DS)
- Max Planck Institute of Solar System Research (MPS)
- Leibniz Institute German Primate Center (DPZ)
- German Aerospace Center (DLR)
- Fraunhofer Institute for Translational Medicine and Pharmacology (ITMP-TNM)

Course language	Almost all courses and seminars are held in English. The language of the doctoral dissertation has to be either English or German.
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## Services

Financial support	Yes
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Structured research and supervision	Yes
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Research training / discussion	Yes
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<b>Career advisory service</b>	<p>The Georg-August University School of Science (GAUSS) is dedicated to support young researchers in their postdoc and late PhD phase in pursuing a successful career within or outside of academia.</p> <p>Established in 2013, the GAUSS Career Service offers a wide range of specifically tailored services to provide you with the best support possible, including a workshop and seminar programme with different topics, individual counselling and advice as well as application and CV checks, networking opportunities with other postdocs, a blog on career-related events and relevant information, a monthly newsletter with announcements of upcoming workshops, events, funding and job opportunities, and regular e-mail notifications of upcoming events and workshops.</p> <p>More information can be found at <a href="https://gauss.uni-goettingen.de/career">gauss.uni-goettingen.de/career</a>.</p>
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<b>Support for international students and doctoral candidates</b>	<ul style="list-style-type: none"> <li>• Welcome event</li> <li>• Support with registration procedures</li> </ul>
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<b>General services and support for international students and doctoral candidates</b>	<p>The <a href="#">International Office</a> provides a wide range of services for international students.</p> <p>German students help newly arrived students to adapt to the university and the city during their <a href="#">first weeks</a>.</p> <p>An <a href="#">orientation week</a> for new international students provides valuable information about Göttingen and the university.</p> <p><a href="#">Study Buddy Programme</a> as a part of the project Integration and Diversity at Göttingen University (InDiGU)</p> <p><a href="#">Foyer International</a>: Meetings and activities for all students</p> <p><a href="#">German courses</a> during studies (free of charge)</p>
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## Doctoral Programmes

<b>List of doctoral programmes and other offers</b>	<b>Faculty of Biology and Psychology</b> <ul style="list-style-type: none"> <li>• Faculty programme <ul style="list-style-type: none"> <li>◦ <a href="#">Biology</a></li> </ul> </li> </ul>
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- Thematic programmes
  - [Behaviour and Cognition](#)
  - [Biodiversity and Ecology](#)
- Associated
  - [Applied Statistics and Empirical Methods \(ASEM\)](#)

#### Faculty of Chemistry

- Faculty programme
  - [Chemistry](#)
- Thematic programme
  - [Catalysis for Sustainable Synthesis \(CaSuS\)](#)

#### Faculty of Geoscience and Geography

- Faculty programmes
  - [Geoscience](#)
  - [Geography](#)

#### Faculty of Mathematics and Computer Science

- Faculty programmes
  - [Mathematical Sciences \(SMS\)](#)
  - [Computer Science \(PCS\)](#)
- Thematic programme
  - [Environmental Informatics \(PEI\)](#)

#### Faculty of Physics

- Faculty programme
  - [Physics](#)
- International Max Planck Research School (IMPRS)
  - [Solar System Science](#)

#### Göttingen Graduate Center for Neurosciences, Biophysics and Molecular Biosciences (GGNB)

- International Max Planck Research School (IMPRS)
  - [Genome Science](#)
  - [Molecular Biology \(MSc/PhD\)](#)
  - [Neurosciences \(MSc/PhD\)](#)
  - [Physics of Biological and Complex Systems](#)
- Thematic programmes
  - [Biomolecules: Structure – Function – Dynamics](#)
  - [Cardiovascular Science](#)
  - [Cellular and Molecular Physiology of the Brain](#)
  - [Genes in Development, Disease and Evolution](#)
  - [Microbiology and Biochemistry](#)
  - [Molecular Biology of Cells](#)
  - [Molecular Medicine](#)
  - [Sensory and Motor Neuroscience](#)
  - [Systems Neuroscience](#)
  - [Theoretical and Computational Neuroscience](#)
  - [iRTG 2172 PRoTECT](#)
  - [Emerging Infectious Diseases \(EIDIS\)](#)

# Contact

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🌐 Course website: <http://www.gauss.uni-goettingen.de>

📘 <https://www.facebook.com/University.of.Goettingen>

🐦 <https://twitter.com/unigoettingen>

🌐 <https://www.linkedin.com/school/-university-of-goettingen>

📷 <https://www.instagram.com/unigoettingen>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

## Editor

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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://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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