



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Doctorate



**RTG2824 Heart and Brain**

University of Göttingen • Göttingen

## Overview

Degree	Dr rer nat / PhD
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	The scientific language in all UMG laboratories and doctoral programmes is English. However, knowledge of German naturally makes everyday life easier.
Full-time / part-time	<ul style="list-style-type: none"><li>full-time</li></ul>
Programme duration	8 semesters
Beginning	Summer semester
Additional information on beginning, duration and mode of study	<ul style="list-style-type: none"><li>Start of the positions is 1 April 2025.</li><li>The PhD students will work on one of the 10 projects within the Research Training Group (RTG) 2824</li><li>We are offering various PhD positions for a period of three years (with the option of max. one year extension)</li><li>Working hours: full-time (38,5 h/week)</li><li>Salary: 65% according to TV-LE13</li></ul>
Application deadline	30 November 2024
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The RTG2824 aims to expand a cross-organ approach through high-end integrative research in the field of heart and brain diseases. Principal investigators from the cardiovascular and neuroscience sections at the Göttingen Research Campus work in close collaboration and offer the PhD candidates the opportunity to perform interdisciplinary research involving heart-brain diseases, while simultaneously receiving disciplinary and interdisciplinary training through the qualification programme. Naturally, this research is performed in a highly interdisciplinary manner and involves medicine, biochemistry, physiology, and cell biology. The successful candidates will work on one of the ten projects within the GRK2824. You can find detailed information on the individual projects online at <a href="https://www.umg.eu/forschung/projekte-">https://www.umg.eu/forschung/projekte-</a>

## Course Details

A Diploma supplement will be issued	No
Certificates for specific modules are awarded	Yes
International elements	<ul style="list-style-type: none"> <li>• Training in intercultural skills</li> <li>• International guest lecturers</li> </ul>
Special promotion / funding of the programme	<ul style="list-style-type: none"> <li>• DFG (e.g. Research Training Groups)</li> </ul>
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	Semester contribution amounts to around 400 EUR per semester. It includes a prepaid semester ticket that entitles students to use regional trains in Germany free of charge. Students of the University of Göttingen receive discounts for cultural events. Meals and drinks are also available at reduced prices at all university canteens. <a href="http://www.uni-goettingen.de/en/16432.html">http://www.uni-goettingen.de/en/16432.html</a>
Costs of living	The average cost of living in Göttingen is modest compared to other major university cities in Germany. Currently, expenses for accommodation, food, health insurance, and books are about 850 EUR per month. Please note that fees for health insurance may vary according to age. For further information, please see the following link: <a href="http://www.uni-goettingen.de/en/54664.html">www.uni-goettingen.de/en/54664.html</a> .
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	Salary corresponds to 65% according to TV-LE13 (approx. 1900 EUR per month)

## Requirements / Registration

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**Academic admission requirements**

We are looking for highly motivated candidates with a Master's degree in natural/life sciences (molecular medicine, biology, physics or a related discipline) with very good grades. The successful candidates should have a strong interest in basic research and patient-related research in the field of heart and brain disorders and should bring experience in cellular and molecular biology and in the wet lab. You should be keen to collaborate and work in a structured research programme.

Your application must include:

- Motivation letter (limited to 500 words)
- CV including information on posters, presentations, awards and publication list, if applicable
- School leaving exam (A-level, Abitur, European Baccalaureate or equivalent)
- Bachelor's degree and transcript
- Master's degree and transcript
- English language certificate
- References: names and contact details of two senior academics that know you well

**Language requirements**

English certificate min. B2+ or better e.g

- UNlcert® (min. grade 2.3)
  - NULTE Certificate: min. B2+
  - IELTS Academic: min. Band 7.0
  - English Scale: min. 173 points
  - TOEFL iBT: min. 95 points
  - Global Scale of English (Pearson Academic): min. 67 points
  - minimum of two years in an English speaking country (not longer than two years ago)
  - successfully finished an English speaking study programme
- A test is not needed if English is your native language!**

**Application deadline**

30 November 2024

**Submit application to**

<https://grk2824.uni-goettingen.de/public/>

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## Services

**Structured research and supervision**

Yes

**Research training / discussion**

Yes

**Career advisory service**

The Career Service of the University offers individual support for the job entry. Especially for international students aiming for a career entry in Germany, the Career Service provides topic-specific workshops, online learning modules, and a qualification programme. [www.uni-goettingen.de/en/292.html](http://www.uni-goettingen.de/en/292.html)

The "Start Guides" project also offers assistance in developing and realising individual career perspectives in Germany. [www.uni-goettingen.de/en/637664.html](http://www.uni-goettingen.de/en/637664.html)

If you are interested in the topic of founding a company, start-up support is offered! The university supports you with advice, funding, qualification formats and network contacts. [www.uni-goettingen.de/en/en/1279.html](http://www.uni-goettingen.de/en/en/1279.html)

### Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Visa matters
- Pick-up service
- Support with registration procedures

### General services and support for international students and doctoral candidates

The [International Office](#) provides a wide range of services for international students.

German students help newly arrived students to adapt to the university and the city during their [first weeks](#).

An [orientation week](#) for new international students provides valuable information about Göttingen and the university.

[Study Buddy Programme](#) as a part of the project Integration and Diversity at Göttingen University (InDiGU)

[Foyer International](#): Meetings and activities for all students

[German courses](#) during studies (free of charge)

### Supervisor-student ratio

1:1



## PhD in Göttingen

This video gives some insight into the doctorate in Göttingen.

» more:

[https://www.youtube.com/watch?app=desktop&v=by-DuN1\\_TSw&feature=youtu.be](https://www.youtube.com/watch?app=desktop&v=by-DuN1_TSw&feature=youtu.be)

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# University of Göttingen

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## University of Göttingen – Committed to Excellence

Founded in 1737, the University of Göttingen is a research-driven university of high international standing. It is renowned for its diverse range of academic disciplines, research-oriented teaching, and outstanding scientific environment in which more than 40 Nobel laureates have studied, taught, or pursued their research. With about 28,500 students, 16 percent of whom are international students, and more than 210 degree programmes, the university is one of the largest in Germany.

### Variety of study programmes

The University of Göttingen offers a vast variety of academic programmes for undergraduate and graduate studies. Internationally renowned expert researchers teach in more than 40 academic disciplines. More than 40 full-time undergraduate and graduate programmes are taught entirely in English. Two international fast-track MSc/PhD programmes (Molecular Biology and Neurosciences) prepare students for unique careers in scientific research. Additionally, a growing number of double degree programmes with prestigious international universities are available.

<https://www.uni-goettingen.de/en/3811.html>

### Guidance, supervision, and study conditions

Students are given comprehensive advisory and supervisory support in all phases of their studies. Since advice and guidance are crucially important for the successful outcome of a university career, the University of Göttingen is constantly improving and extending its performance in this area.

<https://www.uni-goettingen.de/en/47239.html>

### Excellent library

The Göttingen State and University Library (SUB Göttingen) maintains a top position among German academic libraries, with a holding of over nine million books, journals and other media and offering a broad range of services for study and research. The library plays a leading role in a large number of national and international projects involving the optimisation of literature and information provision as well as the establishment and development of digital research and information infrastructures.

<https://www.sub.uni-goettingen.de/en>

### Alumni worldwide

As a member of the alumni network, you will continue to be part of the international "University of Göttingen Family" even after you have finished your studies. The Alumni Office currently connects more than 40,000 alumni from all over the world and provides them with current information and ongoing projects at the university and in the city of Göttingen. In addition, the alumni association offers various events and services for students and alumni related to careers and networking. One such initiative is their workshop series called "alumni4students," where you will have the chance to contribute your expertise.

<https://www.alumni-goettingen.de/>

[www.uni-goettingen.de/international-students](http://www.uni-goettingen.de/international-students)



 University location

## Göttingen – a good place to live and study

Göttingen, with a population of approximately 130,000, is a city where tradition and innovation complement one another perfectly. The excellently preserved timber-framed houses in the historic quarter and the University of Göttingen with its 28,500 students create a lively atmosphere that would be hard to find elsewhere.

The university departments and buildings are mainly located on two campuses and are within easy walking or cycling distance from each other. Accommodation for 4,500 students and excellent canteens run by the student services organisation ("Studentenwerk") allow for a high quality of life at a low cost.

The university cooperates closely with non-university research institutes in Göttingen. Together, they form the "Göttingen Campus" – an alliance of cutting-edge research institutes. This includes four Max Planck Institutes and the Göttingen Academy of Sciences and Humanities in Lower Saxony as well as the German Primate Center and the German Aerospace Center. The Göttingen Campus has created an environment of openness in which students at all levels (Bachelor's, Master's or PhD) as well as experienced researchers can develop fresh and innovative ideas. Numerous scientists and scholars from the non-university research institutes lecture at the university, and joint professorial appointments create bridges between the university and campus partners. This structure supports the reputation of the University of Göttingen as one of the most successful research-oriented universities in Germany.

Situated in the geographical centre of Germany and Europe, Göttingen has excellent travel connections: Berlin, Hamburg, and Frankfurt are only a two-hour train ride away. But you don't have to go that far to take a break; Göttingen itself offers many options for recreational activities. The city boasts three theatres and a symphony orchestra. Many cinemas, cafés, and pubs provide numerous opportunities to meet like-minded people and enjoy yourself. Alternatively, you can play an active role in the student union, which sponsors many cultural and recreational events. Last but not least, the city and the university offer a variety of activities for sports enthusiasts. The "Hochschulsport Göttingen" (University Sports Centre) is one of the biggest in Germany and offers a wide range of disciplines and gyms for members of the Göttingen Campus. More than 150 different sports with an indoor pool, climbing centre, fitness studio, and several outdoor sports fields are offered at an extremely reasonable price.

## Contact

**University of Göttingen**  
Cardiovascular Physiology

Humboldtallee 23  
37073 Göttingen

✉ [grk2824@med.uni-goettingen.de](mailto:grk2824@med.uni-goettingen.de)

🌐 Course website: <https://www.umg.eu/forschung/projekte-programme/graduierntenfoerderung/graduierntenkollegs/grk2824/>

● <https://twitter.com/GRK2824>

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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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