



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Doctorate	2
GGNB Cardiovascular Science (PhD) • University of Göttingen • Göttingen	2

Doctorate



GGNB Cardiovascular Science (PhD)

University of Göttingen • Göttingen

Overview

Degree	PhD (Division of Mathematics and Natural Sciences) or, alternatively, Dr rer nat
In cooperation with	Max Planck Institute for Multidisciplinary Sciences (MPI-NAT), Max Planck Institute for Dynamics and Self-Organization (MPI-DS), German Primate Center (DPZ)
Teaching language	<ul style="list-style-type: none">English
Languages	English
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	6 semesters
Beginning	Only for doctoral programmes: any time
Application deadline	Application is possible independent of deadlines.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>In the Cardiovascular Science PhD programme, doctoral students from different disciplines, faculties and institutions (University Medical Center Göttingen, Georg-August University Göttingen, German Primate Center, and the Göttingen Max-Planck Institutes) are supervised and trained together.</p> <p>The focus of the programme is on the development, biology, and function of the healthy heart as well as on the study and treatment of cardiovascular diseases. Heart disease remains one of the most common diseases in Europe, occurring in two to four percent of the population. In the past decade, enormous progress has been made. However, the morbidity and mortality of affected patients remains high. New strategies for studying heart disease have made advances in understanding at the molecular level in recent years through the use of imaging methods with high-resolution microscopy, high-throughput techniques, and stem cell technology. Scientific observation and investigation at the molecular, cellular, and organ level is important to continue to foster future developments and insights that will inform practical clinical medicine. In this context, PhD students will work at the molecular, cellular, and organ levels, respectively, using modern methods to accurately and functionally understand the complex interplay and functional</p>

maintenance of cells/tissues in the cardiovascular system.

Cardiovascular sciences are a designated research focus in the Göttingen research landscape. In addition to an international Master's programme in Cardiovascular Science, there are excellent research groups at the different faculties and institutions and several research networks funded by the DFG (German Research Foundation) (e.g. RTG2824 & CRC1002).

Course Details

Course organisation	<p>The Cardiovascular Science doctoral programme is part of the Göttingen Graduate Center for Neurosciences, Biophysics, and Molecular Biosciences (GGNB).</p> <p>The research-oriented programme is taught in English and open to students who hold a Master's degree (or equivalent) in the biosciences, chemistry, physics, or related fields.</p> <p>The GGNB offers an integrated training and qualification concept consisting of:</p> <ul style="list-style-type: none">• thesis advisory committees advising the doctoral students and monitoring the progress of the doctoral projects• scientific methods courses, seminars and summer schools in all areas of science covered by the graduate school• German language courses and courses on scientific English as well as professional skills courses in the four categories of Scientific Communication; Good Scientific Practice, Ethics, and Intellectual Property; Self-Management and Organisational Skills; and Career Development• industry excursions to biotechnological, pharmaceutical, optical, or (bio)physical companies guided by GGNB alumni• student-organised scientific symposia and career-related events• annual PhD retreats organised by the departments <p>In total, 20 credits are required and doctoral students can tailor their individual curriculum by choosing from all courses and events. Only a seminar on good scientific practice is mandatory.</p> <p>The doctoral students hold at least three annual Thesis Advisory Committee meetings within the regular PhD programme time of three years. The maximum duration of PhD studies in the GGNB programme is four years.</p>
A Diploma supplement will be issued	No
International elements	<ul style="list-style-type: none">• Language training provided• Training in intercultural skills• Projects with partners in Germany and abroad
Integrated internships	Option of research collaboration with other research institutions
Course-specific, integrated German language courses	Yes
Course-specific, integrated English language courses	Yes

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	Fees are around 400 EUR per semester. The fees include a prepaid semester ticket that entitles students to use regional trains (in Lower Saxony and Bremen) and city buses in Göttingen 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. Fees: http://www.uni-goettingen.de/fee Semester ticket: http://www.uni-goettingen.de/en/16432.html
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 approx. 1,000 EUR per month. Please note that fees for health insurance may vary according to age. Living expenses might be slightly higher. For further information, please see the following link: www.uni-goettingen.de/en/54664.html .
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	Doctoral fellowships are available and pay approx. 1,200 to 1,500 EUR per month.

Requirements / Registration

Academic admission requirements	Master's degree (or equivalent) in biology, chemistry, physics, or a related field
Language requirements	Applicants whose native language is not English are asked to submit proof of proficiency in English. If no English test is available, proficiency in English can be evaluated during a personal interview. Proven higher education in English or a reasonably long stay in an English-speaking country may also be accepted.
Application deadline	Application is possible independent of deadlines.
Submit application to	Online application at https://www.uni-goettingen.de/en/497097.html

Services

Accommodation	The Accommodation Service of the International Office supports international students who are enrolled at the University of Göttingen in finding accommodation and serves as a point of contact for related queries. The Accommodation Service also publishes suitable offers from private landlords in Göttingen and collaborates with the Student Services ("Studentenwerk"). As the number of available accommodation options in Göttingen is limited, it is highly recommended to contact the Accommodation Service as early as possible. Further information: https://www.uni-goettingen.de/en/617883.html
----------------------	---

Please note: For doctoral students, accommodation services are only available if you have a low income.

Structured research and supervision	Yes
Research training / discussion	Yes
Career advisory service	Information on the career service for doctoral students in the natural sciences can be found here: http://www.gauss.uni-goettingen.de/career .

Contact

University of Göttingen

CVS Office

Dr Christina Würtz

Humboldtallee 23
37073 Göttingen

Tel. +49 5513965849

✉ cvs.phd@med.uni-goettingen.de

🌐 Course website: <https://www.uni-goettingen.de/de/56640.html>

● <https://twitter.com/unigoettingen>

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

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

Last update 07.05.2024 03:57:26

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".

The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry
of Education
and Research