



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Doctorate



GGNB Microbiology and Biochemistry (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)
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	In the programme, the students study problems as diverse as pathogen-host interactions. They explore the molecular biology of model microorganisms or the diversity of microbial life in a variety of interesting places of our planet. Moreover, the research also involves the application of microorganisms and plants in biotechnology as well as the investigation of interactions between pro- and eukaryotic microorganisms and plants. In their projects, the students apply a variety of genetic and biochemical methods as well as a wide range of tools at the systems level (genomics, transcriptomics, proteomics, metabolomics).

Course Details

Course organisation	The doctoral programme in "Microbiology and Biochemistry" is part of the Göttingen Graduate
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Center for Neurosciences, Biophysics, and Molecular Biosciences (GGNB). It is hosted by the Göttingen Center for Molecular Biosciences (GZMB) and is conducted jointly by the University of Göttingen and the Max Planck Institute for Multidisciplinary Sciences.

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, and who are interested in general, applied and infection biology as well as biochemistry and plant-microbe interactions.

The GGNB offers an integrated training and qualification concept consisting of:

- Thesis advisory committees advising the doctoral student and monitoring the progress of the doctoral project
- Scientific methods courses, seminars and summer schools in all science areas covered by the graduate school
- 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 as well as German language courses and courses on scientific English
- 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 programmes

In total, 20 credits are required, and doctoral students can tailor their individual curricula by choosing from all courses and events. Only a seminar on good scientific practice is mandatory.

The doctoral students hold at least three annual Thesis Advisory Committee meetings within the regular PhD time of three years. The maximum duration of PhD studies in GGNB is four years.

A Diploma supplement will be issued	No
International elements	<ul style="list-style-type: none"> • Language training provided • Courses are led with foreign partners • 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	<p>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.</p> <p>Fees: http://www.uni-goettingen.de/fee Semester ticket: http://www.uni-goettingen.de/en/16432.html</p>

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
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Funding opportunities within the university	Yes
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Description of the above-mentioned funding opportunities within the university	Doctoral fellowships are available at approx. 1,200 to 1,500 EUR per month.
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Requirements / Registration

Academic admission requirements	Master's degree (or equivalent) in biology, chemistry, physics, or a related field
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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.
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Application deadline	Application is possible independent of deadlines.
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Submit application to	Online application at http://www.uni-goettingen.de/en/apply/497097.html
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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. For further information, please see the following link:
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<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
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Research training / discussion	Yes
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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>

Support for international students and doctoral candidates

- Buddy programme

Contact

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

📘 <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
www.daad.de/sommerkurse

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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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