



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Doctorate



GGNB Genes in Development, Disease and Evolution (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), German Primate Center (DPZ)
Teaching language	English
Languages	English
Full-time / part-time	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	The programme focusses on Genetics and Developmental Biology, and it enables students to gain an understanding of developmental, physiological, and evolutionary processes. They also study the cause, course and treatment of diseases. Students get training in the fields of classical developmental biology, developmental genetics, cell biology, molecular biology, biochemistry, histology, physiology, infection biology, genetic diseases, functional and comparative genomics, genome editing, as well as evolutionary biology. The participating research groups use a wide spectrum of classical model organisms, emerging model organisms, and non-model organisms to study the molecular basis of human diseases, regeneration, evolutionary developmental biology of embryogenesis, brain diversification and sex determination, and applied developmental biology for insect pest control.

Course Details

Course organisation	The doctoral programme in "Genes in Development, Disease and Evolution" is part of the Göttingen Graduate 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, the Max Planck Institute for Multidisciplinary Sciences, and the German Primate Center. 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, medicine, or related fields. 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.
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A Diploma supplement will be issued	No
International elements	• Language training provided • Training in intercultural skills • Projects with partners in Germany and abroad
Integrated internships	Option for 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 amount to 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.

Fee: <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 at 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 <http://www.uni-goettingen.de/en/apply/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. For further information, please see the following link: <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>

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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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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