



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Computational Biology and Bioinformatics

University of Göttingen • Göttingen

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	The main programme-specific courses are taught in English. Additionally, students have the option to join university-wide courses that are held in German.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	New students should arrive in Göttingen in early September to attend the introductory and preparatory meetings. Lectures start in October.
Application deadline	1 April - 15 May for the following winter semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	Yes
Joint degree / double degree programme	No
Description/content	The MSc programme in Computational Biology and Bioinformatics connects objectives of biological and computational sciences. Core fields of the programme are bioinformatics and systems biology, meaning the analysis and modelling of data in molecular biology and biochemistry, in particular from genomics, transcriptomics, proteomics and metabolomics. Computational methods will be supported via hands-on training in the wet lab. Graduates will have a strong biological background and will be able to understand and develop software for the handling and analysis of biological data.

Course Details

A Diploma supplement will be issued Yes

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 Fees are around 400 EUR per semester. The fees usually include 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.
Fees: <http://www.uni-goettingen.de/fee>

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: www.uni-goettingen.de/en/54664.html

International students should note that it is not possible to study in Germany without sufficient financing.

Funding opportunities within the university Yes

Description of the above-mentioned funding opportunities within the university Germany Scholarship (Deutschlandstipendium): <https://uni-goettingen.de/en/218085.html>

Requirements / Registration

Academic admission requirements For admission to our Master's programme in Computational Biology and Bioinformatics, you need a BSc degree with a minimum of six semesters and 180 ECTS (European Credits); however, 30 ECTS can be handed in after admission. Your credits must contain either

- min. 50 ECTS in Biology (including Organic Chemistry) or Bioinformatics and min. 40 ECTS in Mathematics, Statistics, Informatics, Bioinformatics or Physics

OR

- Min. 30 ECTS in Biology or Bioinformatics and min. 60 ECTS in Mathematics, Statistics, Informatics, Bioinformatics or Physics.

Language requirements Applicants must provide proof of their English skills. In order to ensure a good integration of our foreign students, a basic general knowledge of the German language is a plus in the selection

process.

If English is not your mother tongue or was not the teaching language of your BSc degree programme, proficiency in English must be demonstrated via a standardised, accredited certificate, level C1 or better. Possible certificates are (among others):

- UNIcert®: min. certificate UNIcert® III
- NULTE certificate: min. level C1
- Cambridge English Scale: min. 180 points
- International English Language Testing System (IELTS Academic): min. Band 6.5
- Test of English as a Foreign Language, Internet-based test (TOEFL iBT): min. 95 points
- Global Scale of English (Pearson Academic): min. 76 points

German skills are not mandatory, but a plus.

Application deadline 1 April - 15 May for the following winter semester

Submit application to <https://masterportale.uni-goettingen.de/bio/cb>

Services

Possibility of finding part-time employment

The university supports students in finding part-time jobs in local industries and businesses. A number of student jobs are also available at the university. They are announced on the following website: www.stellenwerk-goettingen.de

Please note that restrictions may apply with your scholarship or visa.

Non-EU students are subject to special regulations. Some proficiency in German is an advantage to find a job. Non-EU students are permitted to work a maximum of 120 full days (240 half days) per year.

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>

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

The project "Start Guides" also offers assistance in developing and realising individual career perspectives in Germany. 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

Support for international

- Buddy programme

students and doctoral candidates

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](#): 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)

Contact

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🌐 Course website: <https://www.uni-goettingen.de/de/coming+up+this+year%3a+msc/phd+computational+biology+and+bioinformatics/653246.html>

● <https://twitter.com/unigoettingen>

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

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

📺 <https://www.youtube.com/channel/UCzg-z2TL0Ks4Efz5o0z7AxQ>

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International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

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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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