

# INTERNATIONAL PROGRAMMES

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## Master's degree



## Molecular Life Sciences (MSc/PhD)

**University of Göttingen • Göttingen** 

### Overview

| Degree                                      | Master of Science   |
|---|---|
| Teaching language                           | • English   |
| Languages                                   | Programme-specific courses are held in English. Students have the option to join additional courses taught in German.   |
| Programme duration                          | 4 semesters   |
| Beginning                                   | Winter semester   |
| Application deadline                        | EU applicants: 15 May for the following winter semester   |
|   | Non-EU applicants: 15 February for the following winter semester  |
| Tuition fees per semester in EUR            | None  |
| Combined Master's degree /<br>PhD programme | Yes   |
| Joint degree / double degree programme      | No  |
| Description/content                         | The Master's programme "Molecular Life Sciences: Microbiology, Biotechnology, and Biochemistry (MLS-MBB)" is jointly offered by the Faculty of Biology and the Faculty of Chemistry.  Building on their existing knowledge in (molecular) biology and biochemistry, students will learn to apply methodical approaches to the analysis of biomolecules and cellular functions on molecular levels. Focus will be placed on concepts and methods from the fields of molecular cell biology and plant sciences, biotic interactions, and biotechnology as well as structural and RNA-biochemistry.  The whole programme is held in English. The curriculum comprises lectures with initial practical courses and consecutive individual research projects applying high-end technology. A variety of bacterial, fungal, and plant model organisms are used. |

### **Course Details**

and Biochemistry" is four semesters long and typically follows a Bachelor's programme in biology/biosciences/biochemistry. 120 ECTS points are earned during the modularised programme. Fundamental knowledge of the subject and its methods are first conveyed in core, profile and advanced modules. Competence modules additionally convey further occupational qualifying key competencies.

In the fourth semester, the six-month Master's thesis is written in which the students are required to work independently and scientifically. The students are responsible for their individual work on a scientific topic usually embedded in third-party funded projects. The programme is conducted in an active research environment with high international standing.

The Master's examination leads to a degree qualifying graduates for occupational and research opportunities. It especially qualifies students for a PhD programme and later on for occupational opportunities in the field of biosciences.

Excellent knowledge of English (certified) as well as knowledge of the German language is required.

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| A Diploma supplement will be issued                     | Yes |
|---|-----|
| Course-specific, integrated<br>German language courses  | No  |
| Course-specific, integrated<br>English language courses | No  |

## **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: www.uni-goettingen.de/fee Semester ticket: 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 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  |
| Funding opportunities within the university  | Yes  |
| Description of the above-<br>mentioned funding<br>opportunities within the<br>university | Germany Scholarship (Deutschlandstipendium): https://uni-goettingen.de/en/218535.html  |

### **Requirements / Registration**

#### requirements

If the entrance qualification has been acquired in a non-EU country, applicants will be instructed to take an assessment test given by the faculty.

#### Language requirements

Applicants must provide proof of their German and English skills. In order to ensure a good integration of our foreign students, we ask for basic general knowledge of the German language. German: Applicants who are not native German speakers or who do not have a German degree should provide proof of proficiency in German of level B1 according to CEFR (Common European Framework of Reference).

English: Applicants who are not native English speakers or who do not have an English degree should provide proof of proficiency in English, which may be one of the following:

- a) UNIcert®: min. certificate UNIcert® III
- b) NULTE certificate: min. level C1
- c) Cambridge English Scale: min. 180 points
- d) International English Language Testing System (IELTS Academic): min. band 6.5
- e) Test of English as a Foreign Language, internet-based test (TOEFL iBT): min. 95 points
- f) Global Scale of English (Pearson Academic): min. 76 points
- g) further accredited or standardised certificates can also be recognised after establishment of equivalence.

#### **Application deadline**

EU applicants: 15 May for the following winter semester

Non-EU applicants: 15 February for the following winter semester

Submit application to

https://masterportale.uni-goettingen.de/bio/mbb/

#### **Services**

#### Possibility of finding parttime 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.

Foreign applicants should note that it is not easy to find a job to finance their studies, as German students are also searching for jobs. Some proficiency in German may be indispensable 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 of Göttingen offers individual support to facilitate your successful transition from the academic to the professional world — whether you want to work in Germany or abroad. Especially for international students aiming for a career entry in Germany, the Career Service provides topic-specific "Career Impulse Sessions", workshops, online learning modules, and a qualification programme in "Building International Careers" as well as digital career tools and a virtual community for international employment opportunities: www.uni-

#### goettingen.de/en/292.html

## Support for international students and doctoral candidates

Buddy programme

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

The International Office provides a complimentary pick-up service ("Buddy Exchange Service") from the Göttingen railway station to the accommodation. German students help newly arrived students to adapt to the university and the city during their first weeks. http://www.uni-goettingen.de/en/49307.html

There is also an orientation week for new international students, which provides valuable information about Göttingen and the university. http://www.uni-goettingen.de/en/196392.html

Study Buddy programme:https://www.uni-goettingen.de/en/112395.html as a part of the Integration and Diversity project at Göttingen University (InDiGU) https://www.uni-goettingen.de/en/108275.html

#### **Contact**

#### **University of Göttingen**

Faculty of Biology Office of Studies

Bettina Marth

37073 Göttingen

- Course website: https://www.uni-goettingen.de/en/35341.html
- f https://www.facebook.com/University.of.Goettingen
- https://twitter.com/unigoettingen
- in 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

#### Editor

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#### **GATE-Germany**

Consortium for International Higher Education Marketing www.gate-germany.de

#### Disclaimer

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