



# INTERNATIONAL PROGRAMMES

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# Master's degree



# Molecular Life Sciences (MSc)

University of Göttingen • Göttingen

### Overview

Degree	Master of Science
Teaching language	• English
Languages	All programme-specific courses are taught in English. Additionally, students have the option to join university-wide offered courses held in German.
Full-time / part-time	• full-time
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	Non-EU applicants: 15 February for the following winter semester  EU applicants: 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 Master's programme in "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**

#### **Course organisation**

The research-oriented Master's programme in "Molecular Life Sciences: Microbiology, Biotechnology, and Biochemistry" is four semesters long. It typically follows a Bachelor's programme in biology/biosciences/biochemistry, and 120 ECTS points are earned during the modularised programme. The programme is conducted in an active research environment with high international standing.

Students acquire basic subject and methodological knowledge by attending core modules that include lectures, seminars and methods courses (first and second semester). Building on the core modules, individually organised laboratory projects are carried out in lab rotations (advanced modules). In addition, university-wide and cross-faculty modules can be taken in order to acquire further job-related key competences. In the fourth semester, students write the Master's thesis as an independent piece of academic work. They work on a current academic topic, which is usually embedded in a third-party funded project.

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

#### International elements

- Integrated/optional study abroad unit(s)
- Opportunities for students to work abroad

## Integrated/optional study abroad unit(s)

- Study at partner universities (Erasmus+, Global Exchange programme)
- Internship/lab rotation/thesis abroad
- Find more information online: https://uni-goettingen.de/de/677597.html

## 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 include a prepaid semester ticket that entitles students to use regional trains in Germany free of charge.

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.

Students of the University of Göttingen receive discounts for cultural events. Meals and drinks are also available at reduced prices at all university canteens.

Funding opportunities within the university	Yes
Description of the above- mentioned funding opportunities within the university	Germany Scholarship ("Deutschlandstipendium"): https://uni-goettingen.de/en/218535.html

### Requirements / Registration

Academic admission requirements	Bachelor's degree or equivalent in biology, biosciences, or biochemistry
	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.

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 must 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 the establishment of equivalence.

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

EU applicants: 15 May 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. Information on side jobs: https://www.uni-goettingen.de/en/653539.html

Some proficiency in German may be indispensable to find a job.

#### 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.unigoettingen.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.

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

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.

# Support for international students and doctoral candidates

- Buddy programme
- Welcome event
- Support with registration procedures

#### 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. There is also an orientation week for new international students, which provides valuable information about Göttingen and the university.

Study Buddy Programme as a part of the project Integration and Diversity at Göttingen University (InDiGU)

Foyer International: Cultural evenings and more for all students

German courses during studies (free of charge)

### **Contact**

#### **University of Göttingen**

Faculty of Biology Office of Studies

Bettina Marth

37073 Göttingen

- ${\color{red} \underline{ \hspace{0.5cm} \hspace{0.5cm}} \hspace{0.5cm}} studienbuero@biologie.uni-goettingen.de$
- 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

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