



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Göttingen Master's Programme in Physics (MSc)

University of Göttingen • Göttingen

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Courses are held in English (75%) and German (25%). Compulsory modules are held in both languages. Participants can choose to write their Master's theses in either language.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	Non-EU applicants: <ul style="list-style-type: none">15 April for the following winter semester15 October for the following summer semester EU applicants: <ul style="list-style-type: none">15 June for the following winter semester1 December for the following summer semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Göttingen Master's programme in Physics offers you a broad and internationally renowned research spectrum with a highly flexible choice of subjects. This will lead you to a specialisation in one of the following areas of physics:</p> <ul style="list-style-type: none">Astro- and geophysicsBiophysics and physics of complex systemsSolid state physics and materials physicsNuclear and particle physicsTheoretical physics <p>In general, the programme will include one year of coursework and a subsequent thesis phase (second year) that will be spent in one of the research groups.</p> <p>More specifically, due to the close connection with several local Max Planck Institutes and other</p>

leading research centres on the Göttingen Campus, you will be able to choose from more than 60 research groups when writing your thesis (for details, see: <https://www.uni-goettingen.de/physics-research-groups>).

The internship module allows you to be involved in cutting-edge research at an early stage of your studies.

In addition to the state-of-the-art infrastructure for study and research, our students appreciate the excellent student-teacher ratio, the helpful study advisory team, and the community spirit in our faculty.

For further information, please visit our website: <https://www.uni-goettingen.de/en/594492.html>

Course Details

Course organisation

During the coursework phase (first year), students take courses in the area of the chosen study focus. First, they attend an introduction lecture. Then students take advanced lectures and attend at least two seminars. In order to get more practice, students have the choice between advanced lab courses, computational physics, or an internship, where they will have the chance to work in a research group or at an external research institution or company (credits can be recognised in the Master's programme). Subsidiary subjects allow to deepen additional mathematical and natural sciences knowledge as well as take a language course to prepare for a semester abroad.

The second year is dedicated to the compilation of the Master's thesis, including preceding methodical courses, like the main research lab course. At this stage, students work intensively on a particular research question. Simultaneously, students who are pursuing the module of research networking work towards participating in a conference. The thesis research project is carried out at one of our ten institutes or at another institution of the Göttingen Campus (e.g. at Max Planck Institutes). Students will be fully integrated in the research activity of the chosen research group.

Please visit our website to get further information such as the study plan: <https://www.uni-goettingen.de/de/594492.html>

In addition, detailed information of the offered modules can be found in our digital module catalogue (box right column): <http://www.uni-goettingen.de/en/english-international-study-programmes/46551.html>

» PDF Download

A Diploma supplement will be issued

Yes

International elements

- International guest lecturers
- Language training provided
- Training in intercultural skills

Integrated internships

During the first year, students have the chance to work in a research group or at an external research institution or company.

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 Germany free of charge.</p> <p>Fees: http://www.uni-goettingen.de/fee Semester ticket: http://www.uni-goettingen.de/en/16432.html</p>
Costs of living	<p>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.</p> <p>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>For further information, please see the following link: www.uni-goettingen.de/en/54664.html</p>
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	<ul style="list-style-type: none">• Bachelor's degree in physics• Bachelor's degree in a subject related to physics with at least three years of study and at least 180 credits:<ul style="list-style-type: none">◦ including at least 126 credits in the field of physics, mathematics, chemistry, biology, or computer sciences◦ including at least 78 credits in the field of physics◦ including at least 12 credits in the field of theoretical physics (quantum mechanics and statistical mechanics)• GRE Physics Test (only non-EU applicants) <p>For further information, please visit our website: https://www.uni-goettingen.de/de/594492.html (application)</p>
Language requirements	<p>English natives: none German natives: English level B2</p> <p>Others:</p> <ul style="list-style-type: none">• English level C1 OR• English level B2 AND German level C1 <p>For further information, please visit our website: https://www.uni-goettingen.de/de/594492.html</p>

Application deadline

Non-EU applicants:

- 15 April for the following winter semester
- 15 October for the following summer semester

EU applicants:

- 15 June for the following winter semester
- 1 December for the following summer semester

Submit application to

https://master.physik.uni-goettingen.de/en/master_applications

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 may be indispensable to your job search. Non-EU students are permitted to work a maximum of 120 full days (240 half days) per year.

At the Faculty of Physics, we always have jobs available for students due to the fact that we have small tutorial groups. Therefore, you can earn some money while you improve your understanding of the subject and your teaching skills.

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

Career Service: www.uni-goettingen.de/en/292.html

The project "Start Guides" 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, the university supports you with advice, funding, qualification formats and network contacts. www.uni-goettingen.de/en/en/1279.html

The office of the Dean of Studies:

- CV check
- job wall

Career-related talks with physicists

Support for international students and doctoral

- Welcome event

General services and support for international students and doctoral candidates

The [International Office](#) provides a wide range of services for international students and doctoral candidates.

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 Physics

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🌐 Course website: <https://www.uni-goettingen.de/de/594492.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

Editor

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German Academic Exchange Service

Section K23 – Information on Studying in Germany

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www.daad.de

GATE-Germany

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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