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# Master's degree



## Physics (MSc)

University of Tübingen • Tübingen

### Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none"><li>English</li><li>German</li></ul>
Languages	<p>The course language is English or German. The programme can be studied either completely in English or completely in German.</p> <p>German courses specially designed for international Master's and PhD students are available at the university's House of Languages. The full German course programme is available at: <a href="http://www.uni-tuebingen.de/en/1056">www.uni-tuebingen.de/en/1056</a>.</p>
Full-time / part-time	<ul style="list-style-type: none"><li>full-time</li></ul>
Programme duration	2 semesters, 4 semesters
Beginning	Winter and summer semester
Application deadline	<p>EU applicants: 15 September for the following winter semester, 31 March for the following summer semester</p> <p>Non-EU applicants: 15 July for the following winter semester, 15 January for the following summer semester</p>
Tuition fees per semester in EUR	Varied
Additional information on tuition fees	Approx. 1,500 EUR per semester for students from non-EU countries
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Master of Science programme in physics is a research-oriented, one-year or two-year Master's programme established by the Department of Physics within the Faculty of Science at the University of Tübingen. The Department of Physics has a research focus in the areas of astronomy and astrophysics, nuclear and particle physics, astroparticle physics, condensed matter physics, quantum optics, quantum information, nanostructures and interfaces, biological and medical physics, scientific computing, and neuroscience.</p>

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## Course Details

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**Course organisation** The Master's programme is a one-year consecutive study programme following the four-year Bachelor's programme in physics (or an equivalent). The Master's programme consists of the modules "Scientific Specialisation", "Methods and Project Planning" (each with 15 credit points), and the Master's thesis (30 credit points). All three modules will normally be carried out in the working group of the supervisor of the Master's thesis.

Graduates of a three-year Bachelor's programme in physics (or an equivalent degree) can also be accepted into this Master's programme. In this case, the student has to acquire additional so-called "bridging modules" corresponding to 60 credit points at the beginning of the Master's studies. These "bridging modules" encompass modules of a field of specialisation as well as other modules from the Bachelor's programme of physics at the University of Tübingen.

**A Diploma supplement will be issued** Yes

**Course-specific, integrated German language courses** No

**Course-specific, integrated English language courses** No

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## Costs / Funding

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**Tuition fees per semester in EUR** 1,500 EUR

**Additional information on tuition fees** Approx. 1,500 EUR per semester for students from non-EU countries

**Semester contribution** Enrolment fees at the University of Tübingen are currently approx. 160 EUR per semester. This includes use of local public transport free of charge from Mondays to Fridays in the evening, at the weekend and on public holidays. In addition, students may purchase a semester ticket for unlimited use of public transport in the city of Tübingen and the surrounding area (currently approx. 140 EUR).

**Costs of living** Estimated basic student expenses are about 950 EUR per month according to the Tübingen Student Services organisation ("Studierendenwerk"), including rent for student accommodation. Rent for private accommodation will be more expensive.

**Funding opportunities within the university** No

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## Requirements / Registration

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**Academic admission requirements** Bachelor's degree with a grade of at least 3.3 (German grading system)

Skills and knowledge in the following areas: theoretical physics (quantum mechanics, thermodynamics, statistical physics, classical field theory) in the amount of at least 12 credits, experimental physics (astronomy and astrophysics, particle physics, atom and molecular physics, condensed matter, nano structures) in the amount of at least 18 credits, and physical practical courses in the amount of at least 9 credits

<b>Language requirements</b>	Proof of English language skills: native speaker, a Bachelor's degree from a programme conducted in English, or English level B2 CEFR (also possibly English as first language at the German "Abitur" level)  OR  Proof of German language skills according to level B2 CEFR or DSH2
<b>Application deadline</b>	EU applicants: 15 September for the following winter semester, 31 March for the following summer semester Non-EU applicants: 15 July for the following winter semester, 15 January for the following summer semester
<b>Submit application to</b>	Online application: <a href="https://uni-tuebingen.de/en/4204">https://uni-tuebingen.de/en/4204</a>  For questions regarding the application process, please contact the International Students Admissions Office via e-mail: <a href="mailto:study@uni-tuebingen.de">study@uni-tuebingen.de</a> .

## Services

<b>Possibility of finding part-time employment</b>	Students may find jobs as graduate research assistants for projects of the Department of Physics.
<b>Accommodation</b>	<p>Accommodation is available through the Student Services organisation ("Studierendenwerk") or on the private market. Rooms in student accommodation cost approx. 200 to 400 EUR per month. As Tübingen is a very attractive place to live, private accommodation is more expensive and can take some effort to find. To make sure you find a suitable place to live, you should start looking as early as possible.</p> <p>We recommend you apply for student accommodation through the "Studierendenwerk" at the same time that you apply for admission to the Master's programme (<a href="https://www.my-stuwe.de/en/housing/halls-of-residence-tuebingen/">https://www.my-stuwe.de/en/housing/halls-of-residence-tuebingen/</a> and <a href="https://www.my-stuwe.de/en/housing/faqs/">https://www.my-stuwe.de/en/housing/faqs/</a>) and send in a copy of your notification of admission as soon as you have received it (your application won't be finally processed before the "Studierendenwerk" has received proof of your admission). For further information, check out the "Studierendenwerk" pages on housing in Tübingen (<a href="https://www.my-stuwe.de/en/housing/housing-infos/">https://www.my-stuwe.de/en/housing/housing-infos/</a>).</p>
<b>Support for international students and doctoral candidates</b>	<ul style="list-style-type: none"><li>• Welcome event</li><li>• Buddy programme</li><li>• Accompanying programme</li><li>• Specialist counselling</li></ul>
<b>General services and support for international students and doctoral candidates</b>	<p>The university offers a number of "onboarding" services for newly arriving international students. These include:</p> <ul style="list-style-type: none"><li>• a help desk</li><li>• an advisory programme: "How to Study at the University of Tübingen"</li></ul>

- a wide range of social activities offered by student groups

For further information, please refer to: <https://uni-tuebingen.de/en/182071>.

A student initiative offers a buddy programme and a wide range of social activities during the orientation week and throughout the semester ([www.studit-tuebingen.de/en/](http://www.studit-tuebingen.de/en/)).

Furthermore, there is the Office for Advising and Admission of International Students (<http://www.uni-tuebingen.de/en/90787>).

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**Supervisor-student ratio**

The supervisor to student ratio is about 1 to 2.

## Contact

### University of Tübingen

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🌐 Course website: <https://uni-tuebingen.de/en/178692>

Last update 22.11.2024 13:30:01

# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
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## Editor

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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://www.gate-germany.de)

## Disclaimer

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The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry  
of Education  
and Research