



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## Bioinformatics (MSc)

University of Tübingen • Tübingen

### Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	<p>Most of the courses are held in English. In variant A, it is possible to complete the <b>entire course</b> of study in <b>English</b>.</p> <p>German courses specially designed for international Master's and PhD students are available at the Foreign Language Center of the University. 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	4 semesters
Beginning	Winter and summer semester
Additional information on beginning, duration and mode of study	At the start of the curriculum, welcome and onboarding events take place. For variant B, a block course in programming takes place for one week prior to the start of the lecture time.
Application deadline	<p>Non-EU applicants: 15 July for the following winter semester, 15 January for the following summer semester</p> <p>EU applicants: 15 September for the following the winter semester, 15 March for the following summer semester</p>
Tuition fees per semester in EUR	1,500 EUR
Additional information on tuition fees	1,500 EUR per semester for students from non-EU countries plus semester administration fee (see below)
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The Master's degree programme in bioinformatics encompasses courses in bioinformatics,

computer science, and life sciences. The main objective of this degree course is to enable graduates to solve biological problems using high throughput technologies and bioinformatics methods in an interdisciplinary team. Students are taught algorithmic thinking, efficient and advanced methods of analysis, visualisation, and mass data storage, with the focus on research and on a hands-on approach. The wide variety of subjects offered in Tübingen includes genomics and transcriptomics, protein and drug design, microbiome analysis, systems biology, and many more.

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## Course Details

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**Course organisation** The degree course offers the following three variants: variant A for students with a Bachelor's degree in bioinformatics, variant B for biologists and other life scientists, and variant C for computer scientists. Most of the courses are held in English. In variant A, it is possible to complete the entire course of study in English. Variant B and C students need to prove German proficiency on the GER level B2/C1. Students cannot apply for a variant, but – if eligible – will be assigned to a variant after application.

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**A Diploma supplement will be issued** Yes

**International elements**

- International guest lecturers
- Specialist literature in other languages
- International comparisons and thematic reference to the international context

**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** 1,500 EUR per semester for students from non-EU countries plus semester administration fee (see below)

**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 on Mondays to Fridays in the evening, at weekends 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 around 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

## Requirements / Registration

**Academic admission requirements** Bachelor's degree in bioinformatics, computer science, life sciences, or equivalent with a grade of at least 2.5 (German grading system)

**Language requirements** Applicants must provide proof of their English skills (C1/B2 [CEFR] Common European Framework of Reference for Languages, IELTS band of at least 6.5). Variant B and C students must also provide proof of German proficiency (TestDaF 4, GER B2/C1).

**Application deadline** Non-EU applicants: 15 July for the following winter semester, 15 January for the following summer semester  
EU applicants: 15 September for the following the winter semester, 15 March for the following summer semester

**Submit application to** Online application: <https://uni-tuebingen.de/en/facilities/administration/iv-student-affairs/advising-and-admission-of-international-students/>  
For questions regarding the application process, please contact the International Students Admissions Office, e-mail: [study@uni-tuebingen.de](mailto:study@uni-tuebingen.de)

## Services

**Possibility of finding part-time employment** Students may find jobs as graduate research assistants for projects of the Department of Computer Science as well as in the Biology or Chemistry departments for lab work assistants. Additionally, the nearby Max Planck Institutes regularly offer assistant jobs for students.

**Accommodation** 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.

We recommend you apply for student accommodation through the "Studierendenwerk" at the same time that you apply for admission to the Master's programme (cf. <https://www.my-stuwe.de/en/housing/halls-of-residence-tuebingen/> and <https://www.my-stuwe.de/en/housing/faqs/>) 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 (<https://www.my-stuwe.de/en/housing/housing-infos/>).

**Support for international students and doctoral candidates**

- Welcome event
- Accompanying programme

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

The university offers a number of “onboarding” services for newly arriving international students. These include:

- a help desk
- an advisory programme: “How to Study at the University of Tübingen”
- 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 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 an Office for Advising and Admission of International Students (<http://www.uni-tuebingen.de/en/90787>).

## Contact

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🌐 Course website: <https://uni-tuebingen.de/en/74459>

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# International Programmes in Germany - Database

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

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## GATE-Germany

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