



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Doctorate	2
IMPRS – From Molecules to Organisms • University of Tübingen • Tübingen	2

Doctorate



IMPRS – From Molecules to Organisms

University of Tübingen • Tübingen

Overview

Degree	Dr rer nat (PhD equivalent)
In cooperation with	Max Planck Institute for Biology Tübingen & Friedrich Miescher Laboratory
Teaching language	<ul style="list-style-type: none">English
Languages	<ul style="list-style-type: none">All programme activities are conducted in English.Subsidised German language classes are offered.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	8 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	We aim for most of our PhD candidates to start in September by participating in our introductory workshop and our PhD retreat.
Application deadline	Application deadline: February Interviews in April Outside of the recruiting round, individual applications are possible by getting directly in touch with faculty.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The special feature of our doctoral programme in the life sciences is its emphasis on interdisciplinary interactions. We want to endow the next generation of scientists with the skills and knowledge to study complex biological processes that cannot be adequately understood within the limits of a single discipline.</p> <p>Projects and training are offered by around 25 faculty members doing research at the Max Planck</p>

Institute for Biology, the Friedrich Miescher Laboratory, and the University of Tübingen. The projects and training span several levels of biological organisation – from molecules to organisms and even through to ecosystems. Supporting courses and events allow doctoral candidates and faculty working at these different levels to interact and establish collaborations. Traditionally separate fields covered by the programme include the following:

- structural, molecular, and cellular biology
- biophysics
- biochemistry
- genetics
- animal and plant development
- computational biology
- bioinformatics
- genomics and proteomics
- microbiology and microbiome science
- ecology
- evolutionary biology

Our concept is supported by the facilities available at the participating laboratories, including platforms for NMR, X-ray crystallography, cryo-EM, and light microscopy; the Genome Centre with next-generation sequencing technology; and the Proteome Centre Tübingen, equipped with three high-accuracy Orbitrap mass spectrometers.

Around 70 young scientists are currently working towards a PhD in our programme; just over a third of them come from Germany, and the rest from around the world.

We offer:

- Cutting-edge research projects and excellent facilities
- Full funding through doctoral fellowships
- Structured support through a personal thesis advisory committee
- Supporting curriculum with many optional courses
- International environment with English as the working language
- Personal assistance with relocation

Course Details

Course organisation

The doctoral researchers are guided by a primary adviser who provides the ongoing, direct supervision and support needed to establish and carry out the PhD project. Additionally, our doctoral candidates benefit from regular interactions with their thesis advisory committee (TAC), a panel of at least three experienced scientists.

Furthermore, our doctoral candidates are supported by a programme of professional training, including the following:

- introductory courses
- workshops in writing and presenting research
- annual symposia
- annual retreats

Doctoral researchers can further enhance their skills by participating in advanced scientific training options, career development possibilities and conference attendance.

Regular social events and get-togethers round off the programme. Find further details at <https://www.phd.tuebingen.mpg.de/11580/PhD-Programs-overview>.

A Diploma supplement will be issued

Yes

International elements

- International guest lecturers
- Language training provided

- Projects with partners in Germany and abroad

Special promotion / funding of the programme	<ul style="list-style-type: none"> • IMPRS
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	Enrolment fees at the University of Tübingen are currently about 160 EUR per semester. This includes use of local public transport free of charge from Monday to Friday (in the evenings), 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 about 110 EUR per semester).
Costs of living	Depending on the type of accommodation selected (shared flat or individual flat), the costs of living can vary, but is usually between 950 EUR and 1,250 EUR a month.
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	All doctoral candidates are supported financially by the Max Planck Society or the University of Tübingen. Funding is awarded for three years in the first instance and will be extended into a fourth year if warranted by the circumstances of the PhD project.

Requirements / Registration

Academic admission requirements	Applicants must hold or expect to hold a Master's degree or equivalent degree with a specialisation in natural or computer science.
Language requirements	English is the programme language. Good written and spoken English is essential.
Application deadline	<p>Application deadline: February Interviews in April</p> <p>Outside of the recruiting round, individual applications are possible by getting directly in touch with faculty.</p>
Submit application to	Only online applications will be accepted. Have a look at our website:

Services

Accommodation	Researchers can contact the researcher support team for tips and tricks on how to find accommodation.
Structured research and supervision	Yes
Research training / discussion	Yes
Career advisory service	<ul style="list-style-type: none">• International career seminar series• Workshops – e.g. application skills• Career days
Support for international students and doctoral candidates	<ul style="list-style-type: none">• Welcome event• Accompanying programme• Visa matters• Cultural and linguistic preparation
General services and support for international students and doctoral candidates	During your PhD, you will be supported by our Researcher Support Team, which includes our International Office as well.

Contact

University of Tübingen

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🌐 Course website: <https://www.phd.tuebingen.mpg.de/imprs>

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International Programmes in Germany - Database

www.daad.de/international-programmes
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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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