



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Doctorate



## Mainz Research School of Translational Biomedicine (TransMed)

Johannes Gutenberg University Mainz • Mainz



## Overview

Degree	PhD in Translational Biomedicine MD/PhD in Translational Biomedicine Dr rer nat
Teaching language	<ul style="list-style-type: none"> <li>English</li> </ul>
Languages	Courses are held in English. The thesis should be written in English.
Full-time / part-time	<ul style="list-style-type: none"> <li>full-time</li> </ul>
Programme duration	6 semesters
Beginning	Only for doctoral programmes: any time
Application deadline	<p>For PhD and MD/PhD in Translational Biomedicine, see:  <a href="http://www.unimedizin-mainz.de/transmed/phd-mdphd-in-translational-biomedicine.html">http://www.unimedizin-mainz.de/transmed/phd-mdphd-in-translational-biomedicine.html</a></p> <p>For Dr rer nat: any time</p>
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Within the biomedical sciences in Germany, there is a striking discrepancy between internationally competitive basic research and poorly developed patient-oriented and clinical research. Thus, there is a critical need for graduate programmes that train young medical and natural sciences graduates in basic and translational research to enable them to become future leaders in the fields of biomedicine and translational research, in academia as well as in the pharmaceutical industry.</p> <p>Therefore, in 2013, TransMed and its doctoral degree regulation "MD/PhD in Translational</p>

Biomedicine" were jointly established by four faculties of the Johannes Gutenberg University Mainz (JGU), the University Medical Centre, Biology, Chemistry/Pharmaceutical Sciences/Geosciences and Social Sciences/Media/Sports.

TransMed plays a multifaceted role. It serves as the graduate school of the Research Centre "Translational Medicine" with its three research areas "Immunotherapy", "Translational Neurosciences" and "Translational Vascular Biology". Beyond this, TransMed is the umbrella organisation for all training groups within the area of biomedicine at JGU.

TransMed is attractive on the student level (Pre-TransMed phase), and provides a broad supervision and mentoring network during doctoral (Core-TransMed phase) and post-doctoral training (Post-TransMed phase).

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## Course Details

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Course organisation	TransMed offers an attractive curriculum with maximum flexibility in translational research for both clinician scientists and medical scientists.
International elements	<ul style="list-style-type: none"><li>• International guest lecturers</li><li>• Integrated study abroad unit(s)</li><li>• Specialist literature in other languages</li><li>• Language training provided</li><li>• Training in intercultural skills</li><li>• Projects with partners in Germany and abroad</li></ul>
Integrated study abroad unit(s)	The doctoral programme can, in part, be conducted at a foreign university.
Special promotion / funding of the programme	<ul style="list-style-type: none"><li>• Other (e.g. state level)</li></ul>
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

## Costs / Funding

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Tuition fees per semester in EUR	None
Semester contribution	<p>357 EUR per semester (as of winter 2023)</p> <p>Enrolment as a doctoral student at Johannes Gutenberg University is not mandatory, but it is recommended. Semester fees include a semester ticket for free public transport in the local area.</p>
Costs of living	Approx. 900 EUR per month to cover personal expenses

<b>Funding opportunities within the university</b>	Yes
<b>Description of the above-mentioned funding opportunities within the university</b>	TransMed has a scholarship programme for excellent international doctoral students. Recipients receive approx. 2,000 EUR per month.

## Requirements / Registration

<b>Academic admission requirements</b>	<p>For natural sciences graduates: Master's degree or equivalent</p> <p>For medical graduates: German state examination</p>
<b>Language requirements</b>	<p>Applicants must provide proof of their English skills. The reference for the required level is a TOEFL iBT test passed with at least 60 points (or the IELTS test with level B1).</p> <p>For MD/PhD candidates (working as physicians): a good command of the German language is required.</p>
<b>Application deadline</b>	<p>For PhD and MD/PhD in Translational Biomedicine, see: <a href="http://www.unimedizin-mainz.de/transmed/phd-mdphd-in-translational-biomedicine.html">http://www.unimedizin-mainz.de/transmed/phd-mdphd-in-translational-biomedicine.html</a></p> <p>For Dr rer nat: any time</p>
<b>Submit application to</b>	Application via e-mail to: <a href="mailto:transmed@uni-mainz.de">transmed@uni-mainz.de</a>

## Services

<b>Accommodation</b>	Accommodation is available in one of the student halls of residence (approx. 450 EUR/month) or on the private market. More information is available <a href="#">here</a> .
<b>Structured research and supervision</b>	Yes
<b>Research training / discussion</b>	Yes
<b>Support for international students and doctoral candidates</b>	<ul style="list-style-type: none"> <li>• Support with registration procedures</li> </ul>
<b>General services and support for international students and doctoral candidates</b>	The <a href="#">Welcome Centre</a> of Johannes Gutenberg University Mainz offers services and advice for international doctoral students.

# Johannes Gutenberg University Mainz

With approximately 31,000 students from over 120 nations, Johannes Gutenberg University Mainz (JGU) is one of the largest and most diverse universities in Germany. JGU unites almost all academic disciplines under one roof, including the Mainz University Medical Center; the Mainz Academy of Fine Arts; the Mainz School of Music; and the Faculty of Translation Studies, Linguistics, and Cultural Studies in Gernersheim. About 4,600 academics, among them about 580 professors, teach and conduct research in over 100 institutes and clinics. With 76 fields of study and 296 degree courses, JGU offers an extraordinarily broad range of courses.

As the only German university of its size, nearly all of the institutions of JGU are located on one single campus near the city centre, which is also home to five partner institutes involved in top-level, non-university research: the Max Planck Institute for Chemistry (MPI-C), the Max Planck Institute for Polymer Research (MPI-P), the Helmholtz Institute Mainz (HIM), the Institute of Biotechnology and Drug Research (IBWF), and the Institute of Molecular Biology (IMB). The campus of the University Medical Center is only about a kilometre away and the Mainz Leibniz Association institutions – the Institute of European History (IEG), the Leibniz Institute for Resilience Research (LIR), and the Roman-Germanic Central Museum (RGZM) – are located slightly further away in the inner city. In addition to this, many local businesses also carry out research, making Mainz a uniquely dynamic research hub.

JGU enjoys global eminence as a research-driven university. Its main core research areas are particle and hadron physics, the materials sciences, and translational medicine, while its most outstanding research achievements in the humanities have been attained in fields of American studies and historical cultural studies. JGU's success in Germany's Excellence Strategy programme has confirmed its academic status: In 2018, the research network PRISMA+ (Precision Physics, Fundamental Interactions, and Structure of Matter) was recognised as a cluster of excellence. With its forerunner, PRISMA, and the Materials Science graduate school in Mainz (MAINZ), JGU had previously been successful in the Excellence Initiative. Moreover, excellent placings in national and international rankings as well as numerous other honours and awards demonstrate just how successful Mainz-based researchers and academics are.

Another attribute of JGU is its research-oriented teaching – which incorporates research-based topics in the curricula early on. Similar emphasis is placed on promoting and mentoring young research talents. JGU also considers the exchange of knowledge with society as one of its key duties. As an open university, JGU offers the populace a unique portfolio of information dissemination concepts that extend far beyond the scope of standard popular academic formats. Through its system of university governance, JGU makes sure that its members participate in the strategic planning and that outstanding academics get involved.

The University of Mainz was founded in 1477, closed in 1798 when Napoleon's troops occupied the city, and reopened in 1946 as Johannes Gutenberg University Mainz. Johannes Gutenberg University Mainz remains devoted to the principles embodied by its namesake: promoting and implementing innovative ideas, utilising knowledge to enhance people's lives, and inspiring individuals to surpass boundaries. This ambition serves as the university's driving force.



## University location

Mainz - At the Heart of the Rhine-Main Region

In its everyday life, the state capital of Rhineland-Palatinate proves that tradition and progress are not necessarily opposites. Looking back on a history spanning 2,000 years, Mainz has remained young. The metropolis on the Rhine, where Romans, electors, and personalities such as Barbarossa and Gutenberg have left their mark, is today a picturesque home for people and business. And in 2011 Mainz was named Germany's City of Science.

Mainz stands for conviviality and cosmopolitanism. Mainz always has an "open ear" for culture, and not only because a well-known Whitsun festival with theatre, music, seminars, and cabaret bears this name. State theatres, small stages, and other cultural centres provide a lively and varied array of offerings for all tastes. On the one hand, new and experimental forms of theatre are presented at the "studio theatre" (Kammerspiele), while the historic Moller building presents opera, theatre, and ballet. An especially dazzling facet of Mainz cultural life is the nationally known "cellar" stage. Top names feature on the placards of this "cabaret cellar": from Dieter Hildebrandt to the "Missfits" to Lars Reichow, to name only a few.

At the same time, the state capital is a vital central location for business, including many media companies - led by German Television ZDF ("Zweites Deutsches Fernsehen"), which promotes the image of its home town across Europe on a daily basis. Extensive wine growing areas characterise the landscape on the edge of the city, where a walk in the vineyards lets you leave your everyday cares behind at any time of the year. Other surrounding areas are also delightful and offer a wealth of opportunities for day excursions. Whether to Europe's major flight hub, the Frankfurt airport, or to the charming Rheingau region with its famous monasteries such as Eberbach situated in the hills, or on a romantic boat trip on the Rhine or a short tour through the splendid landscapes of the Hunsrück, Odenwald, and Taunus ranges of hills

(Mittelgebirge).

## Contact

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🌐 Course website: <https://www.unimedizin-mainz.de/transmed/home.html>

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# International Programmes in Germany - Database

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